

SURFACE USE AND DAMAGE AGREEMENT

This Surface Use and Damage Agreement (the "Agreement") is made and entered into effective as of the date that this Agreement is fully executed (the "Effective Date"), by and between the Navajo Nation (or "the Nation"), whose address is P.O. Box 7440, Window Rock, AZ 86515, and Ranger Development LLC, whose address is 5001 LBJ Freeway, Suite 300, Dallas, TX 75244 (hereinafter referred to as "Operator") (collectively referred to as the "parties"), with the concurrence of the Office of Navajo and Hopi Indian Relocation ("ONHIR"), an independent agency in the Executive Branch of the United States Government as Federal Land Administrator of the lands subject to this Agreement which are lands held by the United States in trust for the Navajo Nation and whose address is P.O. Box KK, Flagstaff, AZ 86002.

WITNESSETH:

WHEREAS, ONHIR administers the lands described on Exhibit "A" attached hereto which are subject to a mineral reservation in favor of the Burlington Northern Santa Fe Corporation (the "Estate"); and

WHEREAS, Operator holds one or more valid helium leases from third parties covering all or portions of the mineral reservation on the Estate which Operator warrants to be valid and effective, and

WHEREAS, due to mineral rights being dominant to surface rights, the parties wish to enter into an agreement respecting the use by Operator of portions of the Estate, as set forth on Exhibit "B" attached hereto (such portions of the Estate being the "Lands") for the purposes of drilling, completing, equipping, and operating one or more helium wells, and installing and operating equipment and facilities incidental thereto, on the Lands.

NOW, THEREFORE, in consideration of the mutual promises contained herein, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties agree as follows:

1. **Right of Use.** The Nation hereby gives and grants to Operator, its agents, employees, drilling contractors, and related service companies, subject to the terms of this Agreement, the non-exclusive right to enter upon and use the Lands for the purpose of drilling, completing, equipping and producing one or more helium wells at legal locations or at such exception locations as are approved by the appropriate Navajo Nation or federal agency, or, in the absence of such agency approval after a reasonable time for such approval to be granted, the Arizona Oil & Gas Conservation Commission ("AOGCC"), together with the right of ingress and egress and the right for Operator to use necessary Lands to construct and maintain one or more access roads, well sites, tank batteries, well site compression, and gas gathering and transportation pipelines in connection with the helium well(s) to be drilled by Operator upon the Lands, pursuant to the survey contained within Exhibit "B" attached hereto. For the purposes of this Agreement, it is expressly understood by the parties that the applications for permit to drill ("APDs"), attached hereto as Exhibit "D", once approved by the AOGCC, will be sufficient for Operator to conduct drilling operations for its "Ranger 28-10 NS", "Ranger 28-8 NS", "Ranger 28-1 SH NS", "Ranger 27-8 NS", "Ranger 27-1 SH NS", "Ranger 33-13 NS", "Ranger 31-7 NS", "Ranger 6-13 NS" and "Ranger 5-11 NS" wells, as set forth in said APDs and subject to the terms of this Agreement.

(a) **Hydraulic Fracturing.** Operator shall not utilize Hydraulic Fracturing on any of the helium well(s) to be drilled by Operator under this Agreement without the prior written consent of the Navajo Nation, which consent may be withheld by the Navajo Nation in its sole discretion. For the purposes of this Agreement, "Hydraulic Fracturing" shall be defined as the stimulation of a well by the application of hydraulic fracturing, or other, fluid under pressure for the express purpose of initiating or propagating fractures in a target geologic formation to enhance production of oil, natural gas and/or helium.

2. **Notification; Consultation; Communication.**

(a) Prior to initiating the drilling of any well, Operator shall provide the Navajo Nation and ONHIR

fifteen (15) days' notice prior to entry upon the Estate and shall consult with the Nation and ONHIR as to the location of each well, road, pipeline, power line, tank battery, or other facility to be placed upon the Lands.

- (b) Operator shall meet with the Nahata Dziil Commission Governance ("NDCG") at reasonable intervals to keep NDCG and the local community members apprised of information including but not limited to Operator's operations, as well as employment or contractual opportunities with Operator. While it is the intent of the parties for such meetings to be held in person, the parties acknowledge that virtual or telephonic meetings will be used as reasonably necessary.

3. **Compensation.**

- (a) As compensation for surface damages and as rental for use of the Trust surface estate, Operator shall pay the Nation, in the manner prescribed in subsection (ii), the following:

- (i) The sum of Twenty-Seven Thousand Dollars (\$27,000.00), payable upon execution of this Agreement, for the drilling of nine (9) helium wells upon the Lands (as described in Exhibits "B" and "C" attached hereto) and the sum of Three-Thousand Dollars (\$3,000.00) per acre for any anticipated surface disturbance to the Lands (including, but not limited to, the construction of any road or gas gathering and transportation pipeline pursuant this Agreement), payable prior to commencement of such surface disturbing activities. The minimum payment made by Operator to the Nation for surface disturbing activities referenced in the preceding sentence shall be \$3,000.00, notwithstanding whether total acreage to be disturbed by such activities is less than one (1) acre. Should Operator drill more than nine (9) helium wells upon the Lands, Operator shall pay to the Nation an additional sum of Three-Thousand Dollars (\$3,000.00) for each additional helium well drilled, with said sum being payable to the Nation prior to Operator spudding any helium well. In the event that any helium well drilled upon the Lands is completed as a producing helium well, Operator shall pay the Nation the sum of Five Thousand Dollars (\$5,000.00) per well per year. The annual payment described herein shall commence one year from the date of the spudding of any helium well, and shall allow Operator the rights for Operator, its agents, employees, service contractors, and successors in interest access to its helium well site, and facilities incidental thereto, as long as the annual payments are made and until such helium well has been plugged, but for a period not to exceed the term of this agreement. Notwithstanding anything contained in this Agreement to the contrary, beginning on the second anniversary of the date of this Agreement, in order to preserve the rights granted to Operator pursuant to this Agreement related to any helium well site depicted within Exhibit "B" attached hereto (each a "Well Site"), Operator shall be required to pay the Nation an annual payment of Five Thousand Dollars (\$5,000.00) for each such Well Site, regardless of the producing status of any helium well(s) contained within said Well Site and/or whether any drilling operations have commenced on such Well Site. Operator may elect in its sole discretion to discontinue such annual payments for any Well Site, thereby relinquishing any rights granted to Operator for such Well Site, subject to Operator plugging and abandoning such helium well and restoring the land pursuant to Section 5 of this Agreement; *provided, however*, that such election shall not affect Operator's rights related to any other Well Site where Operator continues to remit the annual payments to the Nation set forth above.

On the first anniversary of this Agreement, and every year thereafter, future payments provided for in this Agreement shall be increased by a percentage

equal to the increase in the Urban Consumer Price Index as published by the United States Department of Commerce for the preceding one-year period. If the Consumer Price Index decreases during any one-year period, the payments shall remain at the then existing level for the next year.

(ii) Operator shall make all payments required under this Section 3(a) in accordance with the following, until otherwise noted in writing by the Nation (with the concurrence of ONHIR) or ONHIR (with the concurrence of the Nation): Payments will be made to "The Navajo Nation, Attention: Diné Relocatee Fund" and sent to the Navajo Nation Office of the Controller, Attention: Robert Willie, Navajo Nation, P.O. Box 3150, Window Rock, AZ 86515.

(b) In addition to the amounts set forth in Section 3(a) above, in consideration of Operator's impacts to the grazing permittees operating within the Lands (the "Permittees"), ONHIR shall promptly provide and annually confirm or update information necessary for Operator to contact the Permittees and Operator shall take the following additional actions:

(i) Within 10 days of the later of Operator's receipt of (1) a fully executed copy of this Agreement, and (2) current information from ONHIR of the names and addresses of the Permittees, Operator will make a one-time payment of \$21,000.00 to the Permittees, allocated equally between each of the Permittees (e.g., each of seven Permittees will receive one-seventh of the total payment); and

(ii) Operator shall contact the Permittees annually thereafter to identify any ongoing impacts to them from Operator's operations and to offer any suitable in-kind assistance to ameliorate such impacts.

4. Road Construction and Use. Subject to the conditions set forth in this Agreement, Operator shall have the rights of ingress, egress and use of existing roads contained within the Estate. Any roads constructed or used by Operator on the Estate shall be constructed or used in accordance with the following specifications or restrictions:

(a) The access road to the well site will be constructed along a route as set forth in Exhibit "B" attached hereto and constructed to specifications as set forth in Exhibit "C" attached hereto.

(b) The surface of all constructed roads shall not exceed 20 feet in width for traveled surface.

(c) If requested by the Nation or ONHIR, access to the Lands from any public road shall be controlled by a swinging locking metal gate in addition to a cattle guard, which gate and cattle guard Operator shall construct in accord with ONHIR's reasonable specifications.

(d) For roads constructed by Operator, culverts shall be placed in low areas for proper drainage.

(e) No off-road travel is permitted.

(f) The use and construction of roads by Operator on the Estate is a non-exclusive use, and the Nation and ONHIR may allow other parties to use said roads.

(g) Operator agrees, if requested by the Nation or ONHIR to place an appropriate sign or signs on any road designating them as "private roads". The size and color of such signs shall be subject to the Nation's approval.

(h) ONHIR may lock gates across its private roads that Operator uses for access to roads constructed by Operator, provided that Operator shall have the right to place its own locks on such gates. The parties shall exchange keys to all locks.

(i) Operator shall maintain newly constructed roads used by Operator to the reasonable satisfaction of the Nation and ONHIR.

(j) To the extent Operator reasonably determines that existing roads within the Estate require maintenance or repair, such maintenance work shall be coordinated by Operator and the Nation, with notification to ONHIR, and done at reasonable times.

(k) No roads on the Estate shall be constructed or used by Operator for access to lands not subject to this agreement without a separately negotiated agreement.

(l) Upon expiration of this agreement, Operator shall reclaim or transfer control of any roads it constructed during the term of this agreement to the Nation or ONHIR, or their appropriate designee.

5. **Well Sites.** Well sites located on the Lands shall be limited to no more than two (2) acres in size during drilling, completion, and reworking activities, and no more than two (2) acres in size for producing well sites, including any tank batteries and/or well site compression constructed by Operator. Operator agrees to fence the pits and other dangerous areas and all fences shall meet or exceed the requirements for an Arizona "lawful fence" (A.R.S. 3-1426) and at all times keep its well sites and fences in good order and free of litter, debris, trash, or spilled hydrocarbons. In the event Operator does not encounter commercial quantities of helium at any well location and determines the location to be a "dry hole," or upon cessation of production, Operator shall give the Nation thirty (30) days written notice of the opportunity to take over any abandoned well and convert the same to a water well, without any obligation to reimburse the Operator or its drilling contractor the cost of drilling the well or casing such well. No covenant or warranty of title is made by Operator with regard to any water rights associated with any such well. If the Nation elects in writing to take over the abandoned well and convert the same to a water well, then the Nation shall be responsible for the operation and maintenance of the well and shall assume all liability associated therewith. If the Nation does not elect to take over the well and convert it to a water well, Operator shall plug and abandon the well and the well site and reclaim the surface of the well site to the satisfaction of the Navajo Nation and in accordance with applicable law. All cleanup and restoration activities shall be completed by Operator as soon as the reserve pit has been allowed to dry so that proper backfilling can be accomplished. In the event that any well drilled upon the Lands is completed as a commercial producer of helium, Operator shall clean up the well site location and use only so much of the area as is reasonably necessary for its operations, and Operator shall restore such well location, reseeding the same with a seed mix specified by the Nation, and Operator shall keep all well site locations neat, orderly, and clean at all times.

6. **Gas Gathering Pipelines.** In the event that any well drilled upon the Lands is completed as a commercial producer of helium, subject to the per acre compensation set forth in Section 3 of this Agreement, the Nation hereby gives Operator the right to construct, maintain, inspect, operate, protect, repair, alter, replace, and remove a gas gathering and transportation pipeline, together with necessary valves, cathodic protection equipment, and appurtenances useful and incident to the operation and protection thereof, for the transportation of helium bearing gas from the well(s) located on the Lands and subject to this Agreement. Any pipeline shall be constructed across the traverse indicated in Exhibit "B" attached hereto. Unless otherwise agreed to by the Nation and Operator in

writing, any pipelines constructed by Operator on the Lands shall be constructed and maintained to the following specifications:

(a) Unless the parties agree otherwise, the top of any pipeline shall be buried at least 36 inches below the surface of the ground.

(b) Operator shall comply with the approved reclamation plan and applicable regulations of the appropriate Navajo Nation or federal agency, or, in the absence of such agency, the AOGCC and also be responsible for backfilling, repacking, reseeding, and recontouring the surface so as not to interfere with agricultural operations occurring within the Estate. If pipeline trenches settle so as to interfere with irrigation or ranching activities occurring within the Estate, upon request by the Nation, Operator shall fill in, repack, and level such trenches.

(c) Operator shall provide the Nation and ONHIR with a plat showing the "as built" length and location of all pipelines promptly after their installation.

(d) The Nation reserves the right to occupy, use and cultivate the lands affected by such pipeline, and to grant such rights to others, so long as such use does not interfere with Operator's operations.

(e) If Operator fails to use any pipeline for a period in excess of twenty-four (24) consecutive months, the pipeline shall be deemed abandoned and Operator shall promptly take all actions necessary or desirable to clean up and remove the pipeline or render the pipeline environmentally safe and fit for abandonment in place if the pipeline is buried below the surface. Any pipelines located on the surface shall be removed by Operator once it has been deemed abandoned pursuant to the preceding sentence. All such cleanup and mitigation shall be performed in compliance with all applicable federal and Navajo Nation laws and regulations.

7. **Power Lines.** Any buried or overhead power lines constructed on the Lands shall be constructed and maintained to the following specifications:

(a) Operator will consult with the Nation and with the independent power company supplying power to Operator with respect to the location of overhead power lines prior to construction. Overhead power lines will be constructed so as to cause the least possible interference with the visual landscape of the Estate and existing and future ranching operations upon the Estate, and, to the maximum extent possible, overhead power lines will be constructed along fence lines or property lines. All overhead power lines will be located in a manner to minimize or avoid interference with agricultural operations occurring within the Estate. No overhead power line will be located where it will interfere with existing irrigation systems or any future irrigation systems on the Estate which are planned by the Nation at the time of construction of overhead power lines. The Nation shall be entitled to receive payment from Operator or Operator's electricity provider for any right-of-way needed for overhead power lines, subject to additional negotiation with the Nation.

(b) Within a reasonable period of time after a well has been placed in production, all power lines constructed by or for Operator downstream of the independent power company's meters shall be buried, and all power line trenches shall be fully reclaimed and reseeded to the reasonable satisfaction of the Nation. Buried power lines shall be installed pursuant to the regulations of the appropriate Navajo Nation or federal agency, or, in the absence of such agency, the AOGCC.

(c) Operator agrees that it will not construct overhead power lines in those portions of the Estate which are being irrigated or cultivated or which may, in the future, be irrigated or cultivated or which are fallow as part of a crop rotation or range management program.

8. **Operations.** Operator's operations on the Lands shall be conducted according to the following specifications:

(a) Operator shall at all times keep its well sites and roads safe and in good order, free of noxious weeds, litter, and debris, and shall spray for noxious weeds upon reasonable demand by the Nation or ONHIR.

(b) Operator shall rehabilitate, restore, reclaim, and reseed all disturbed areas caused by Operator's operations within twelve (12) months after termination of construction activities on such sites.

(c) All cattle guards and fences installed by Operator shall be kept clean and in good repair and will become the property of the Nation when Operator ceases ownership of its helium lease covering that portion of the Estate.

(d) Operator shall not permit the release or discharge of any toxic or hazardous chemicals or wastes on the Estate. Any spill of oil, grease, solvents, chemicals, or hazardous substances on the Estate which are reportable to regulatory authorities under applicable law or regulations shall be immediately (within 24 hours) reported to the Navajo Environmental Protection Agency and ONHIR by telephone, fax, or e-mail, to be followed by copies of written notices which Operator has filed with regulatory authorities within five (5) business days after such filing.

(e) Operator shall remove only the minimum amount of vegetation necessary for the construction of roads, well locations, and other facilities. Topsoil shall be conserved during excavation, stockpiled, and reused as cover on disturbed areas to facilitate regrowth of vegetation.

(f) All surface facilities not subject to safety requirements shall be painted to blend with the natural color of the landscape.

(g) No living quarters shall be constructed upon the Estate, except that drilling crews and geologists or service personnel may use housing trailers for the benefit of the Operator during drilling, completion, or reworking activities and any other temporary activities of the Operator on the Lands, provided that such activities do not exceed sixty (60) days.

(h) Operator shall not fence any access roads without the prior consent of the Nation and ONHIR.

(i) Operator shall construct and maintain stock-tight Arizona lawful fences (as defined in Section 5) for both sheep and cattle around any dangerous areas, including any pits where Operator drills wells. Notwithstanding anything to the contrary herein, Operator shall construct and maintain chain-link fences around any of its sites on the Estate that include gas compression equipment.

(j) Operator and its employees, agents, and contractors shall leave all gates located on the Estate as they found them; gates found closed are to be closed; gates found open are to be left open.

(k) None of Operator's employees, agents, or contractors, or any other person under the direction or control of Operator shall be permitted to carry firearms or any other weapons on the lands subject to this Agreement and such persons shall not hunt, fish, or engage in recreational activities on the Estate. No dogs will be permitted on the Estate at any time. Operator will notify all of its contractors, agents, and employees that no dogs, firearms, weapons, hunting, fishing, or recreational activities will be allowed on the Estate. None of Operator's employees, agents, or contractors, or any other persons under the direction or control of Operator, shall possess or be under the influence of alcohol or illegal drugs while on the Estate.

(l) Operator shall conduct operations and activities on the Estate in accordance with all applicable Navajo Nation and federal laws, rules, and regulations.

(m) No open fires shall be permitted on the Estate. Operator shall take all reasonable steps to prevent fire and to promptly extinguish any fire, including, but not limited to, maintaining a fire extinguisher, shovel, and bucket in each service vehicle entering upon the Estate. Operator shall fully and promptly compensate the Nation (or its designee) for all damages caused by fire arising out of Operator's operations, including, without limitation, any charges incurred by the Nation or ONHIR for fire suppression and the replacement of fences and other property damaged or destroyed by fire and any damage caused by Operator's employees, agents, or contractors.

(n) **Inspection:** The Nation and ONHIR shall have the right, at any reasonable time and upon reasonable notice during the term of this Agreement, to enter upon the lands subject to this Agreement, or any part thereof, to visually inspect the wells and other improvements erected or placed thereon; provided, however, that such inspections shall not unreasonably interfere with Operator's operations; and provided further, however, that Operator shall not be responsible for damages to any person or property arising out of the misconduct or negligence of the Nation and/or ONHIR involved in any such inspection.

9. **Produced Water.** With respect to any water produced from wells drilled on the Lands in connection with the production of helium, Operator agrees to test such water at least annually to determine if such water is fit for consumption by livestock and report the results of such tests to the Nation and ONHIR.

- (a) If the water is not fit for consumption by livestock, then the Operator at its option shall either cap the well or shall haul the same away from the Lands and properly dispose of such produced water off the Estate pursuant to the appropriate Navajo Nation or federal agency, or, in the absence of such agency, the AOGCC rules and regulations.
- (b) If the water is fit for consumption by livestock the Operator, the Nation and ONHIR shall work collaboratively to pipe or otherwise transport such water to a location off the Lands where the water may be used for livestock purposes, provided, however, that this provision 9(b) shall not obligate Operator to pay any capital or operating expenses beyond what Operator would have paid if it capped the well.
- (c) Drilling for such stock water and any wells constructed related thereto shall be in compliance with the applicable laws and regulations of the Navajo Nation.

10. **Extraordinary Damages.** The compensation provided for herein is acknowledged by the Nation as sufficient and in full satisfaction for the use of the Lands or caused or created by the reasonable and customary entry, egress, and operation and use of roads, well sites, pipelines, and facilities incidental thereto, but does not include damage to livestock, buildings, or improvements, or injuries to persons. This Agreement does not relieve Operator from liability due to Operator's negligence or due to spills or discharges of any hydrocarbon or toxic substance or hazardous chemicals or wastes, or from leaks or breaks in Operator's pipelines. Damage to or loss of livestock, caused by Operator, shall be paid for by Operator at the higher of market value or replacement cost.

With respect to any damages occurring within the Estate as a result of Operator's activities, Operator shall be responsible for any acts or omissions of its employees, agents or contractors.

11. **Reclamation and Reseeding; Bonding.** Unless the Nation otherwise agrees in writing, within one (1) year after termination of any of Operator's operations on the Lands, Operator shall fully restore and level the surface of the lands affected by such terminated operations consistent with the approved reclamation plan and as near as possible to the contours which existed prior to such operations. Operator shall use water bars and other measures as appropriate to prevent erosion and non-source pollution. Prior to commencement of surface disturbing activities pursuant to this Agreement, Operator shall post a bond in the total amount of \$50,000.00 (the "Surface Bond") in favor of the Navajo Nation for surface reclamation. The Parties acknowledge that the Surface Bond shall serve as sufficient assurance of performance for Operator's activities under this Agreement

and Section 11 of that certain Surface Use and Damage Agreement between the parties effective August 6, 2018.

12. Indemnification. To the maximum extent permitted by law, Operator will indemnify, defend, and hold the Navajo Nation, the United States, including ONHIR, and their employees harmless from any and all claims, liabilities, demands, suits, losses, damages, and costs, including, without limitation, any attorneys' fees which may arise out of or be related to Operator's activities on the Estate.

13. Designated Contact Person. Operator, Navajo Nation and ONHIR will each from time to time designate an individual, with appropriate 24-hour telephone and fax numbers, who is to be the primary contact person for discussions and decisions concerning matters related to this Agreement. Current contact information is as follows:

For Operator:

Jeremy Jordan
5001 LBJ Fwy, Ste 300
Dallas, TX 75244
(972) 960-3212
jeremyjordan@iacx.com

For the Navajo Nation:

Office of the President and Vice President
P.O. Box 7440
Window Rock, Arizona 86515

And (solely as to notifications pursuant to Section 8)

Rowena Cheromiah
Navajo Nation Minerals Department
P.O. Box 1910
Window Rock, Arizona 86515
rcheromiah@navajo-nsn.gov

For ONHIR:

Mae Salago-King
New Lands Program Operations Specialist
ONHIR
P.O. Box 130
Sanders, AZ 86512
928-245-0005
mking@ohnir.gov

14. Assignment. This Agreement shall run with the Estate and shall be assigned by Operator in connection with any assignment of Operator's leasehold rights under all or a portion of the Estate described in Exhibit "A".

- (a) Operator shall give the Nation and ONHIR notice of any proposed assignment by Operator. Within 45 days of receipt of such notice the Nation shall either consent to the assignment or provide Operator in writing the grounds for its declining to such consent, provided that such consent will not be unreasonably withheld by the Nation. Any consent to assignment by the Nation will require the concurrence of ONHIR. If

no timely response is provided to Operator with respect to the proposed assignment, the assignment shall be deemed approved.

- (b) In the event of an Assignment, the assignee shall assume all obligations of this Agreement, including the bond requirements contained in Section 11.

15. **Successor Agency.** In the event that ONHIR is closed, all rights and duties under this Agreement will pass to ONHIR's Congressionally designated successor agency or in the absence of such a designation, the Navajo Nation.

16. **Binding Effect.** This Agreement is binding upon and shall inure to the benefit of the successors and assigns of the parties. The Nation agrees to contact any tenant or grazing lessee of the surface estate described on Exhibit "A", or any other third parties utilizing the surface of the Estate, that may be affected by Operator's activities on the Lands. It shall be the Nation's sole responsibility to advise such third parties of the existence of this Agreement and Operator's right to utilize the surface of the Lands pursuant the terms hereof.

17. **Applicable Law.** This Agreement shall be construed and governed by applicable federal law and the laws of the Navajo Nation including but not limited to the Navajo Preference in Employment Act and the Navajo Nation Business Opportunity Act.

18. **Default and Right to Cure.** In the event of alleged default by Operator in the payment of any of the sums hereinabove provided to be made, in obligations to be performed, or any other terms, conditions or covenants of this Agreement, the Nation will notify Operator, by certified mail, return receipt requested, of the alleged default. Operator shall have thirty (30) days from receipt of the written notification in which to cure the alleged default or otherwise appropriately respond to the notification in a manner assuring the Nation that the default will be cured on a timely basis.

19. **Term.** Notwithstanding anything herein to the contrary, this Agreement shall have an effective term no greater than twenty (20) years from the Effective Date of this Agreement. Furthermore, should Operator not commence drilling operations related to any well(s) set forth in Exhibit "D" attached hereto within twenty-four (24) months of the date of this Agreement, Operator's rights granted within this Agreement with respect to said undrilled well(s) shall automatically terminate.

20. **Execution in Counterparts.** This Agreement may be executed in any number of counterparts, each of which (whether by email, facsimile, or other electronic means) shall be deemed to be an original, and all of such counterparts shall constitute one Agreement.

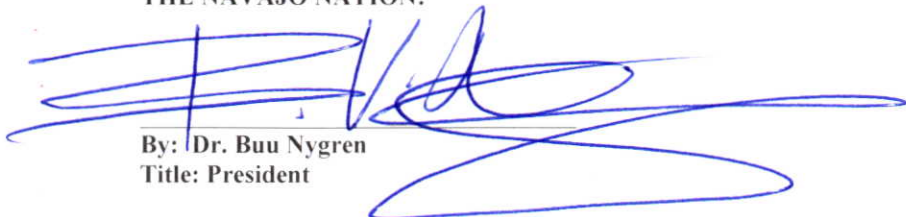
21. **Modifications to Agreement.** This Agreement may only be amended, modified or supplemented by an agreement in writing signed by each party hereto.

/Signature page follows/

[Signature page to Surface Use and Damage Agreement]

DATED as of this ____ day of _____, 20__.

THE NAVAJO NATION:

A large, stylized handwritten signature in blue ink, consisting of several horizontal strokes and a large loop at the end.

By: Dr. Buu Nygren
Title: President

OPERATOR: RANGER DEVELOPMENT LLC

A handwritten signature in blue ink, appearing to be 'Jeremy Jordan' with a stylized flourish at the end.

By: Jeremy Jordan
Title: Manager

CONCURRENCE: ONHIR

Christopher J. Bavasi, Executive Director

EXHIBIT "A"

to Surface Use and Damage Agreement by and between
the Navajo Nation, Ranger Development LLC and the Office of Navajo and Hopi Indian Relocation

LEGAL DESCRIPTION of THE ESTATE SUBJECT to THIS AGREEMENT:

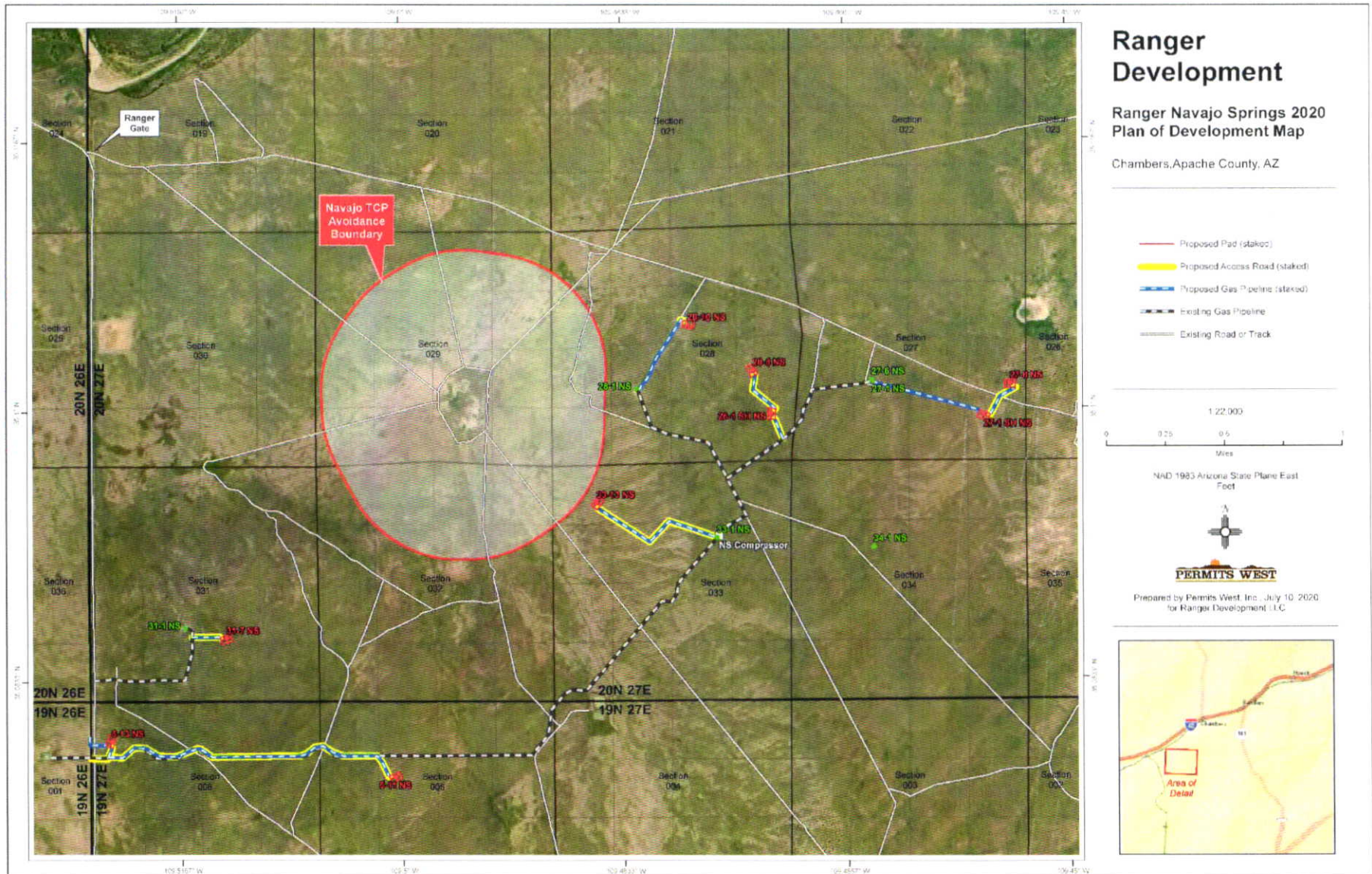
Sections 19, 20, 21, 27, 28, 31 and 33, Township 20 North, Range 27 East, and
Sections 5 and 6, Township 19 North, Range 27 East,
Gila and Salt River Meridian, Apache County, Arizona.

EXHIBIT "B"

to Surface Use and Damage Agreement by and between
the Navajo Nation, Ranger Development LLC and the Office of Navajo and Hopi Indian Relocation

DEPICTION and SURVEY of the LANDS SUBJECT to THIS AGREEMENT:

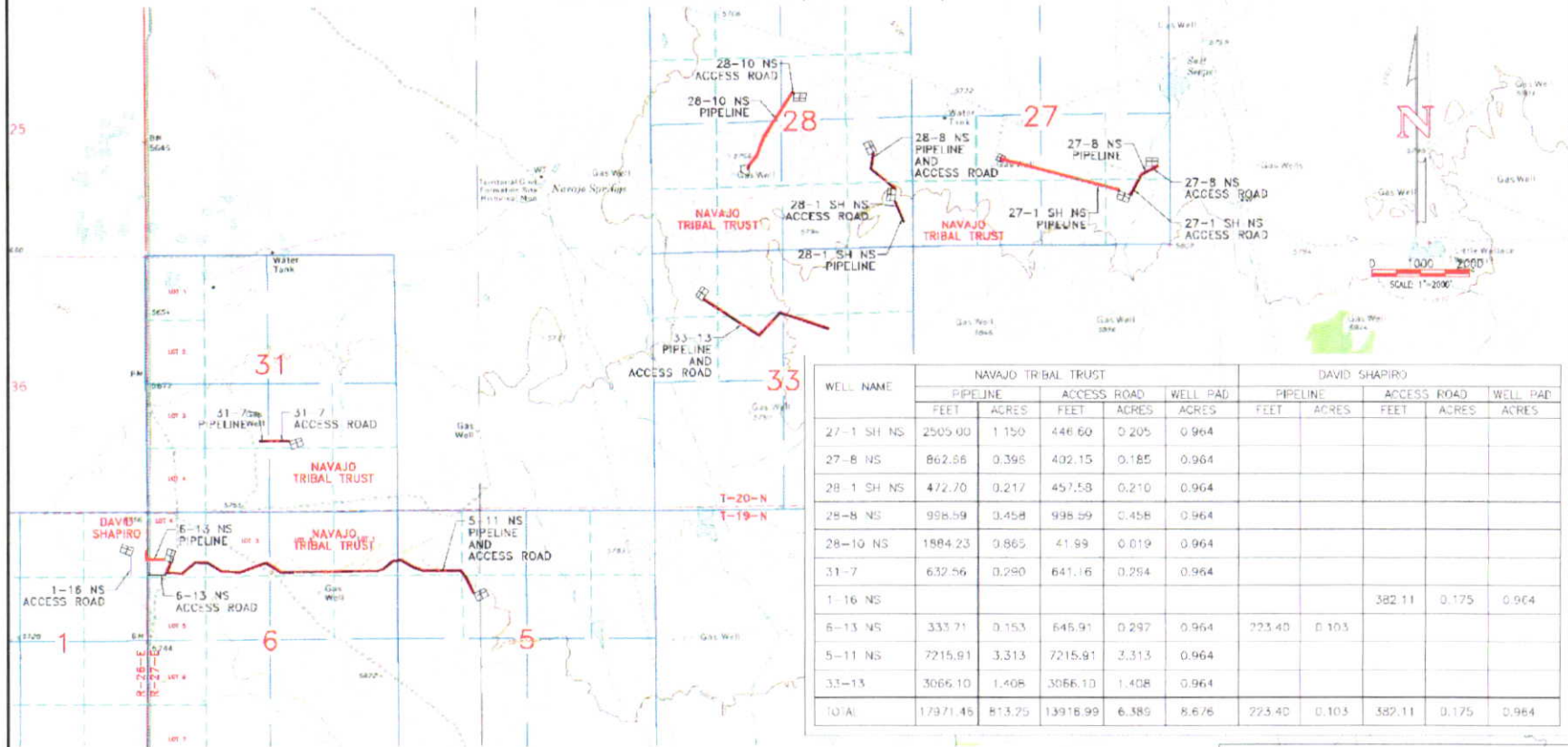
Inclusive of Existing Wells and Infrastructure



New Wells and Infrastructure

Ranger Development, LLC

Ranger Navajo Springs Project
SECTIONS 27, 28, 31 & 33 T-20-N, R-27-E, SECTIONS 5, 6 T-19-N, R-27-E, SECTION 1 T-19-N, R-26-E,
GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA



WELL NAME	NAVAJO TRIBAL TRUST					DAVID SHAPIRO				
	PIPELINE		ACCESS ROAD		WELL PAD	PIPELINE		ACCESS ROAD		WELL PAD
	FEET	ACRES	FEET	ACRES		FEET	ACRES	FEET	ACRES	
27-1 SH NS	2505.00	1.150	446.60	0.205	0.964					
27-8 NS	862.86	0.398	402.15	0.185	0.964					
28-1 SH NS	472.70	0.217	457.58	0.210	0.964					
28-8 NS	998.59	0.458	998.59	0.458	0.964					
28-10 NS	1884.23	0.865	41.99	0.019	0.964					
31-7	632.56	0.290	641.16	0.294	0.964					
1-16 NS								382.11	0.175	0.964
6-13 NS	333.71	0.153	645.91	0.297	0.964	223.40	0.103			
5-11 NS	7215.91	3.313	7215.91	3.313	0.964					
33-13	3066.10	1.408	3066.10	1.408	0.964					
TOTAL	17971.45	813.25	13918.99	6.589	8.676	223.40	0.103	382.11	0.175	0.964

— PIPELINE
— ACCESS ROAD

Ranger Development, LLC

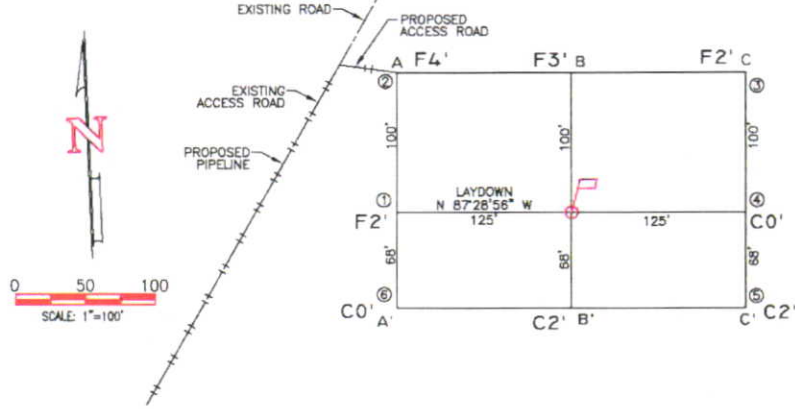
SURVEYED: 06/23/20 REV. DATE: 06/11/20 APP. BY: J.A.V.
DRAWN BY: K.S. DATE DRAWN: 07/18/20 FILE NAME: 1147710J



P.O. BOX 5801
FARMINGTON, NM 87499
OFFICE: (505) 334-3408

RANGER 28-10 NS WELL PAD

BEFORE DIGGING
CALL FOR UTILITY
LINE LOCATION!



ELEVATION A-A'	5740	5730	5720	5710	5700
B-B'	5740	5730	5720	5710	5700
C-C'	5740	5730	5720	5710	5700

CROSS SECTIONS
HORIZONTAL: 1"=100'
VERTICAL: 1"=50'

LEASE: 28-10 NS
FOOTAGES: 2186' FNL. 2296' FEL
SEC. 28 TWN. 20 N RNG. 27 E
LAT: 35.1051961° N LONG: 109.4783984° W (NAD83)
ELEVATION: 5722

RANGER DEVELOPMENT LLC

SURVEYED: 03/24/20	REV. DATE:	APP. BY J.A.V.
DRAWN BY: C.B.	DATE DRAWN: 04/10/20	FILE NAME: 11415-C01

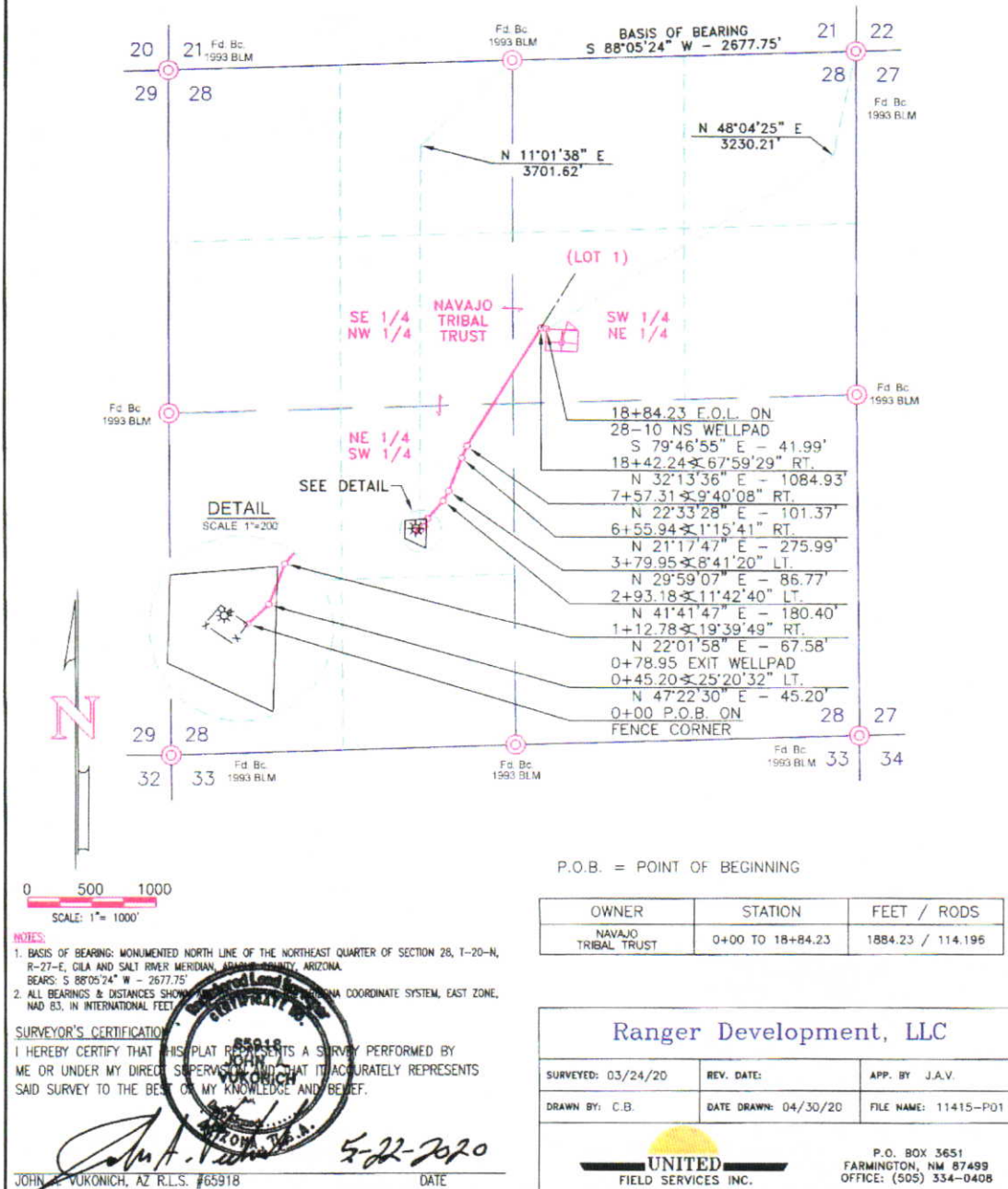


P.O. BOX 3651
FARMINGTON, NM 87499
OFFICE: (505) 334-0408

Ranger Development, LLC

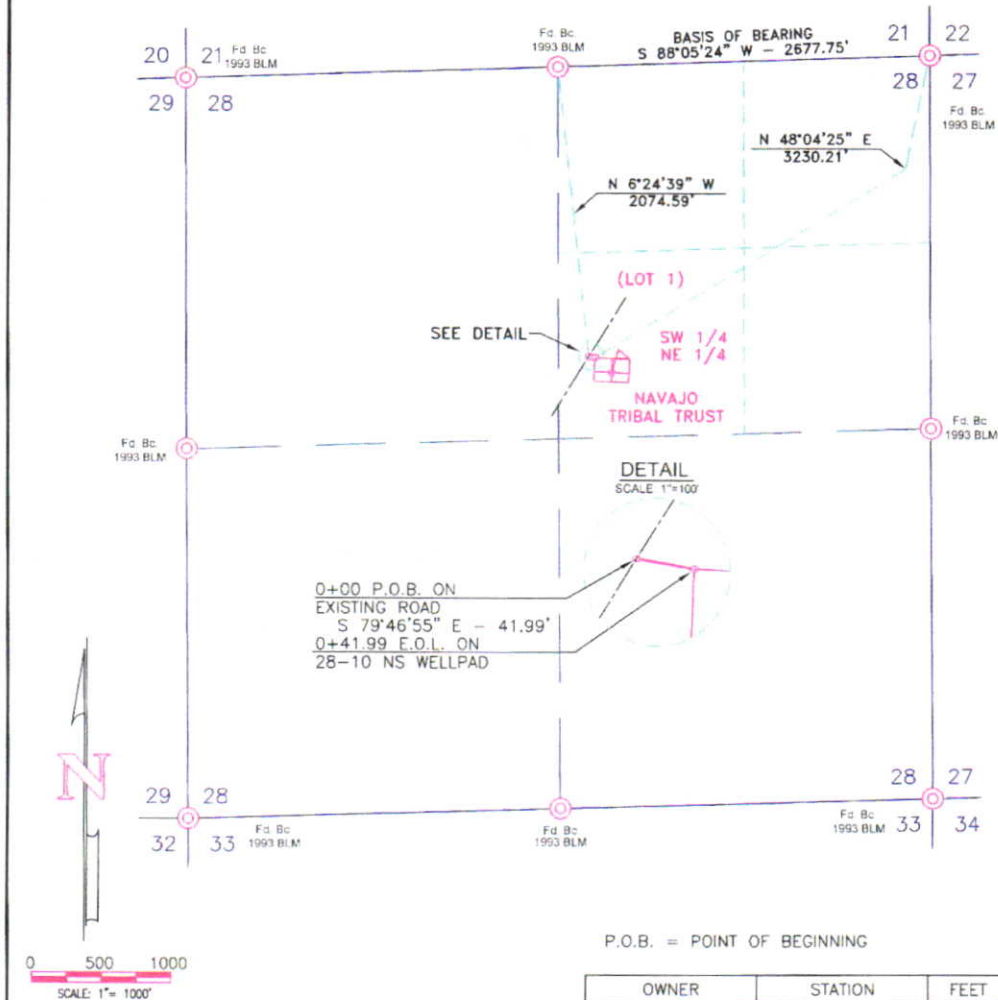
28-10 NS PIPELINE ROUTE

NE 1/4 SW 1/4, SE 1/4 NW 1/4 & SW 1/4 NE 1/4 (LOT 1) OF SECTION 28, T-20-N, R-27-E,
GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA



Ranger Development, LLC

28-10 NS ACCESS ROAD
(LOT 1) SW 1/4 NE 1/4 OF SECTION 28, T-20-N, R-27-E,
GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA



P.O.B. = POINT OF BEGINNING

OWNER	STATION	FEET / RODS
NAVAJO TRIBAL TRUST	0+00 TO 0+41.99	41.99 / 2.545

NOTES:

1. BASIS OF BEARING: MONUMENTED NORTH LINE OF THE NORTHEAST QUARTER OF SECTION 28, T-20-N, R-27-E, GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA.
BEARS: S 88°05'24" W - 2677.75'
2. ALL BEARINGS & DISTANCES ARE IN THE NAD 83, IN INTERNATIONAL FEET.

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT IS A SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IT ACCURATELY REPRESENTS SAID SURVEY TO THE BEST OF MY KNOWLEDGE AND BELIEF.

John A. Vukovich 5-22-2020
JOHN A. VUKOVICH, AZ R.L.S. #65918 DATE

Ranger Development, LLC

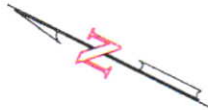
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DRAWN BY: C.B.	DATE DRAWN: 04/10/20	FILE NAME: 11415-AD1



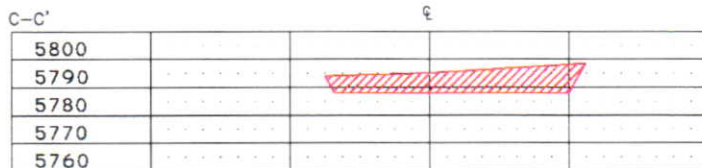
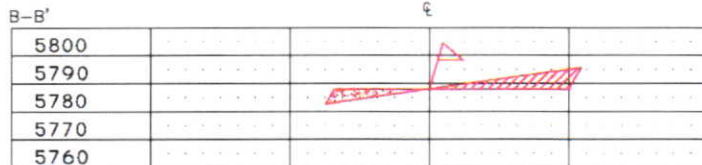
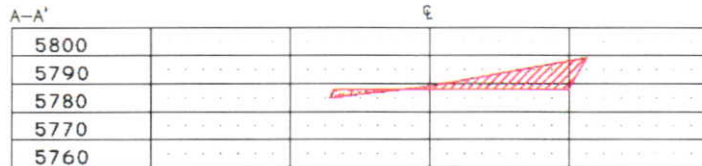
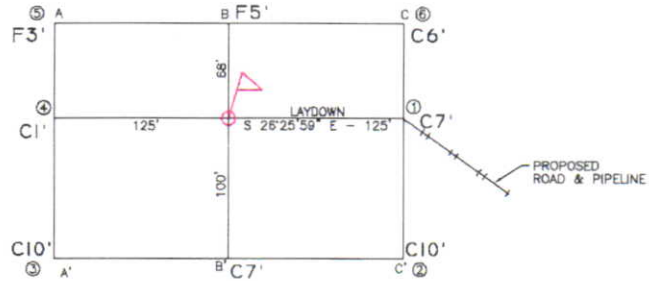
P.O. BOX 3651
FARMINGTON, NM 87499
OFFICE: (505) 334-0408

RANGER 28-8 NS WELL PAD

BEFORE DIGGING
CALL FOR UTILITY
LINE LOCATION!



0 50 100
SCALE: 1"=100'



CROSS SECTIONS
HORIZONTAL: 1"=100'
VERTICAL: 1"=50'

LEASE: 28-8 NS

FOOTAGES: 2055' FSL, 854' FEL

SEC. 28 TWN. 20 N RNG. 27 E S.L.M.

LAT: N 35.1023817° LONG: W 109.4735832° (NAD 83)

ELEVATION: 5788

Ranger Development, LLC

SURVEYED: 05/06/20

REV. DATE:

APP. BY: J.A.V.

DRAWN BY: K.S.

DATE DRAWN: 05/12/20

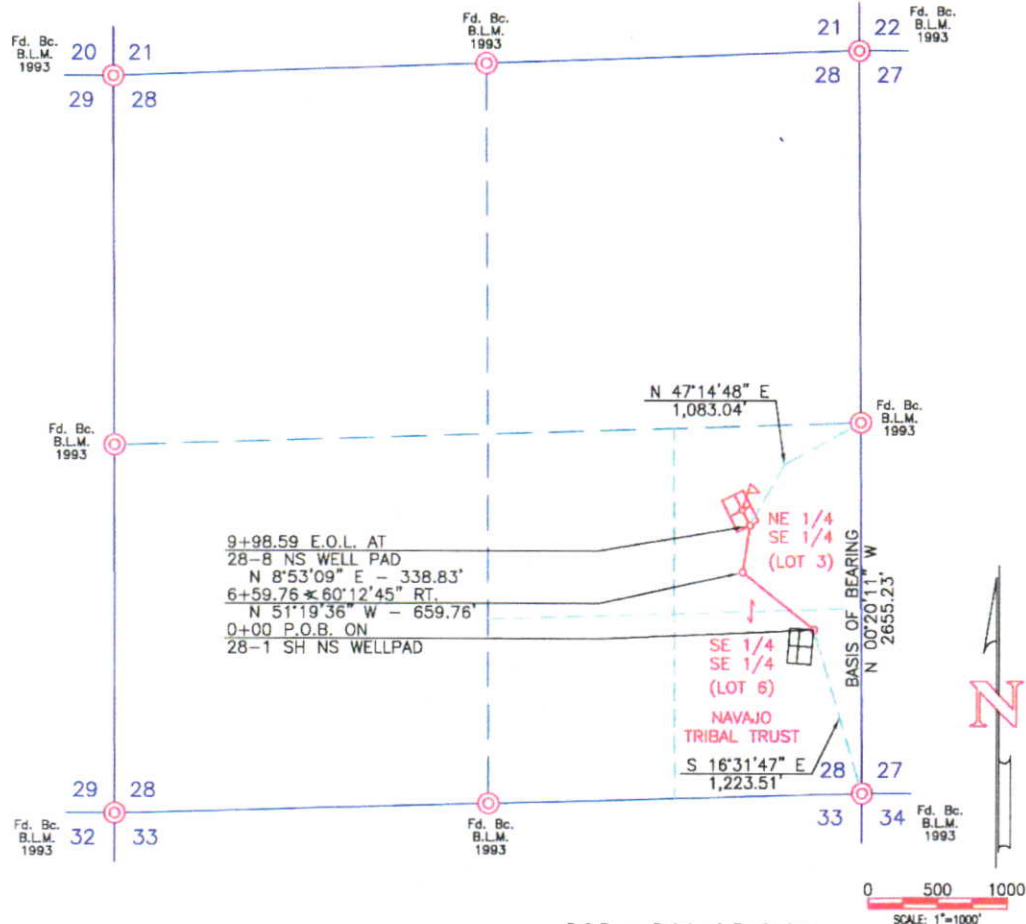
FILE NAME: 11413CD1



P.O. BOX 3651
FARMINGTON, NM 87499
OFFICE: (505) 334-0408

Ranger Development, LLC

28-8 NS ACCESS ROAD and PIPELINE ROUTE
E 1/2 SE 1/4 (LOT 3 & LOT 6) OF SECTION 28, T-20-N, R-27-E,
GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA



P.O.B. = Point of Beginning
E.O.L. = End of Line

OWNER	STATION	FEET / RODS
NAVAJO TRIBAL TRUST	0+00 TO 9+98.58	998.58 / 60.521

NOTES:

1. BASIS OF BEARING: MONUMENTED EAST LINE OF THE SE 1/4 SECTION 28, T-20-N, R-27-E, GILA AND SALT RIVER MERIDIAN.
BEARS: N 00°20'11\" W - 2655.23'
2. ALL BEARINGS & DISTANCES SHOWN ARE BASED UPON THE NAD 83 COORDINATE SYSTEM, EAST ZONE, NAD 83, IN INTERNATIONAL FEET.

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT REPRESENTS A SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT IT ACCURATELY REPRESENTS SAID SURVEY TO THE BEST OF MY KNOWLEDGE AND BELIEF.

John A. Vukovich 6/1/2020
JOHN A. VUKOVICH, R.L.S. #85918 DATE

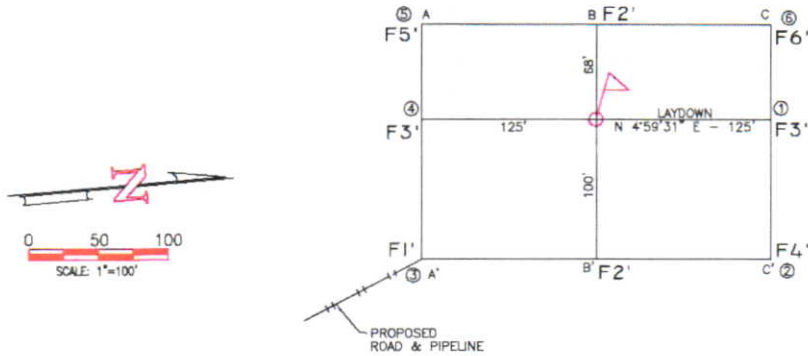
Ranger Development, LLC

SURVEYED: 05/06/20	REV. DATE:	APP. BY J.A.V.
DRAWN BY: K.S.	DATE DRAWING: 05/12/20	FILE NAME: 11413P01

UNITED FIELD SERVICES INC.
P.O. BOX 3651
FARMINGTON, NM 87489
OFFICE: (505) 334-0408

RANGER 28-1 SH NS WELL PAD

BEFORE DIGGING
CALL FOR UTILITY
LINE LOCATION!



A-A'

5820				
5810				
5800				
5790				
5780				

B-B'

5820				
5810				
5800				
5790				
5780				

C-C'

5820				
5810				
5800				
5790				
5780				

CROSS SECTIONS
HORIZONTAL: 1"=100'
VERTICAL: 1"=50'

LEASE: 28-1 SH NS

FOOTAGES: 1069' FSL, 452' FEL

SEC. 28 TWN. 20 N RNG. 27 E

LAT: N 35.0996956° LONG: W 109.4722422° (NAD 83)

ELEVATION: 5806

Ranger Development, LLC

SURVEYED: 05/06/20

REV. DATE:

APP. BY: J.A.V.

DRAWN BY: K.S.

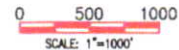
DATE DRAWN: 05/20/20

FILE NAME: 11412001



P.O. BOX 3651
FARMINGTON, NM 87499
OFFICE: (505) 334-0408

28-1 SH NS ACCESS ROAD
SE 1/4 SE 1/4 (LOT 6) OF SECTION 28, T-20-N, R-27-E,
GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA



NOTES:


1. BASIS OF BEARING: MONUMENTED EAST LINE OF THE SOUTHEAST QUARTER OF SECTION 28, T-20-N, R-27-E, GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA.
BEARS: N 00°20'11" W - 2656.23'
2. ALL BEARINGS & DISTANCES SHOWN ARE BASED UPON THE ARIZONA COORDINATE SYSTEM, EAST ZONE, NAD 83, IN INTERNATIONAL FEET

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT ~~REPRESENTS~~ ^{DOES NOT} A SURVEY PERFORMED BY ME OR UNDER MY SUPERVISION AND THAT IT ACCURATELY REPRESENTS SAID SURVEY TO THE BEST OF MY ~~KNOWLEDGE~~ ^{KNOWLEDGE} AND BELIEF.

JOHN A. VUKONICH, R.L.S. #65918

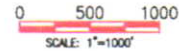
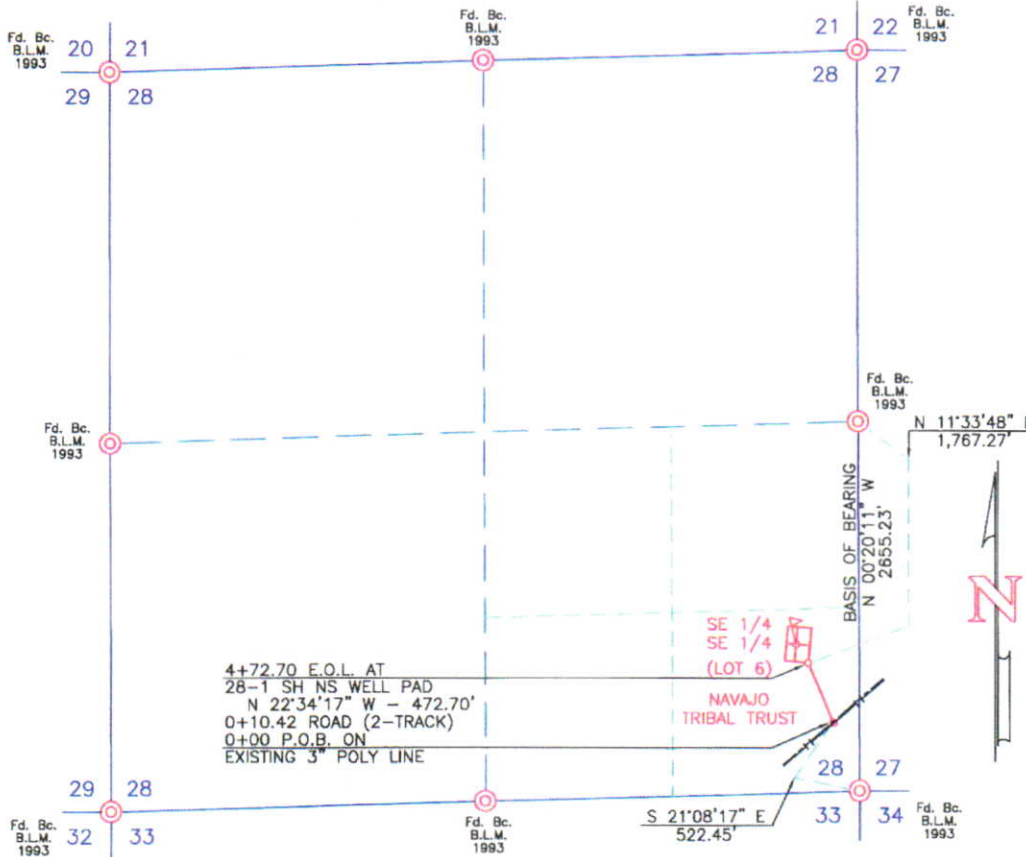
DATE _____

<h1>Ranger Development, LLC</h1>		
SURVEYED: 05/06/20	REV. DATE:	APP. BY J.A.V.
DRAWN BY: K.S.	DATE DRAWN: 05/20/20	FILE NAME: 11412A01
		P.O. BOX 3651 FARMINGTON, NM 87499 OFFICE: (505) 334-0408

Ranger Development, LLC

28-1 SH NS PIPELINE ROUTE

SE 1/4 SE 1/4 (LOT 6) OF SECTION 28, T-20-N, R-27-E,
GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA



P.O.B. = Point of Beginning
E.O.L. = End of Line

NOTES:

1. BASIS OF BEARING: MONUMENTED EAST LINE OF THE SOUTHEAST QUARTER OF SECTION 28, T-20-N, R-27-E, GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA.
BEARS: N 00°20'11" W - 2655.23'
2. ALL BEARINGS & DISTANCES SHOWN ARE BASED UPON THE ARIZONA COORDINATE SYSTEM, EAST ZONE, NAD 83, IN INTERNATIONAL FEET.

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE IS A SURVEY PERFORMED BY ME OR UNDER MY SUPERVISION AND THAT IT ACCURATELY REPRESENTS SAID SURVEY TO THE BEST OF MY KNOWLEDGE AND BELIEF.

JOHN A. VUKONICH, R.L.S. 55818
DATE 5/27/2020

OWNER	STATION	FEET / RODS
NAVAJO TRIBAL TRUST	0+00 TO 4+72.70	472.70 / 28.648

Ranger Development, LLC

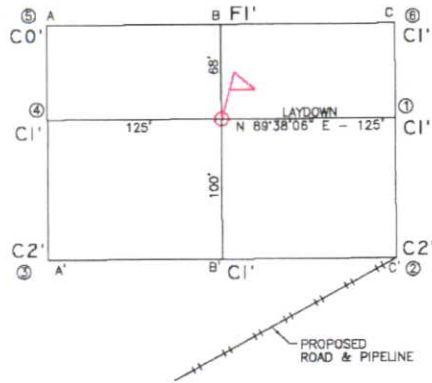
SURVEYED: 05/06/20	REV. DATE:	APP. BY J.A.V.
DRAWN BY: K.S.	DATE DRAWING: 05/20/20	FILE NAME: 11412P01



P.O. BOX 3651
FARMINGTON, NM 87499
OFFICE: (505) 334-0408

RANGER 27-8 NS WELL PAD

BEFORE DIGGING
CALL FOR UTILITY
LINE LOCATION!



A-A'

E				
5780				
5770				
5760				
5750				
5740				

B-B'

E				
5780				
5770				
5760				
5750				
5740				

C-C'

E				
5780				
5770				
5760				
5750				
5740				

CROSS SECTIONS
HORIZONTAL: 1"=100'
VERTICAL: 1"=50'

LEASE: 27-8 NS
FOOTAGES: 1717' FSL, 359' FEL
SEC. 27 TWN. 20 N RNG. 27 E S.L.M.
LAT: N 35.1014929° LONG: W 109.4543006° (NAD 83)
ELEVATION: 5762

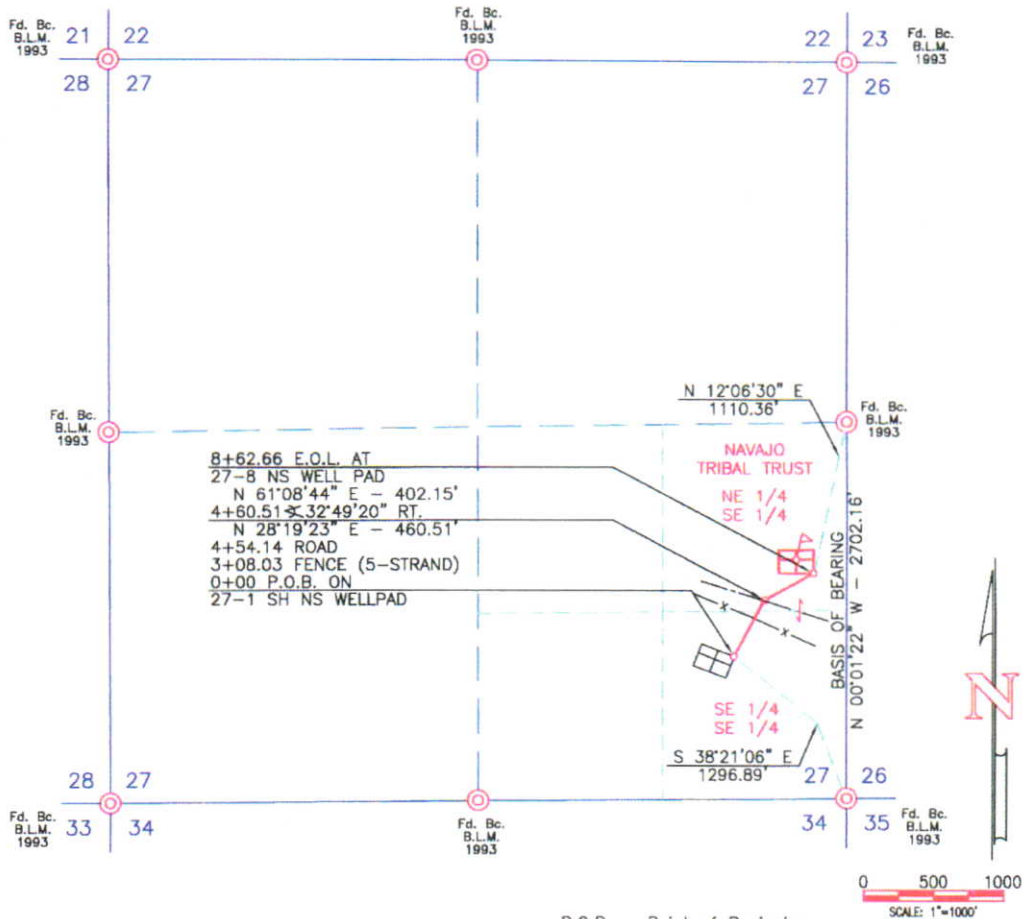
Ranger Development, LLC

SURVEYED: 03/24/20	REV. DATE:	APP. BY J.A.V.
DRAWN BY: K.S.	DATE DRAWN: 05/14/20	FILE NAME: 11411C01



P.O. BOX 3651
FARMINGTON, NM 87499
OFFICE: (505) 334-0408

Ranger Development, LLC
 27-8 NS PIPELINE ROUTE
 E 1/2 SE 1/4 OF SECTION 27, T-20-N, R-27-E,
 GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA



P.O.B. = Point of Beginning
 E.O.L. = End of Line

OWNER	STATION	FEET / RODS
NAVAJO TRIBAL TRUST	0+00 TO 8+62.66	862.66 / 52.282

NOTES:

1. BASIS OF BEARING: MONUMENTED EAST LINE OF THE SOUTHEAST QUARTER OF SECTION 27, T-20-N, R-27-E, GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA.
 BEARS: N 00°01'22" W - 2702.16'
2. ALL BEARINGS & DISTANCES SHOWN ARE BASED UPON THE ARIZONA COORDINATE SYSTEM, EAST ZONE, NAD 83, IN INTERNATIONAL FEET.

SURVEYOR'S CERTIFICATION:

I HEREBY CERTIFY THAT THIS PLAT REPRESENTS A SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT IT ACCURATELY REPRESENTS SAID SURVEY TO THE BEST OF MY KNOWLEDGE AND BELIEF.

John A. Vukovich
 JOHN A. VUKOVICH, R.L.S. #65918
 DATE 5/29/2020

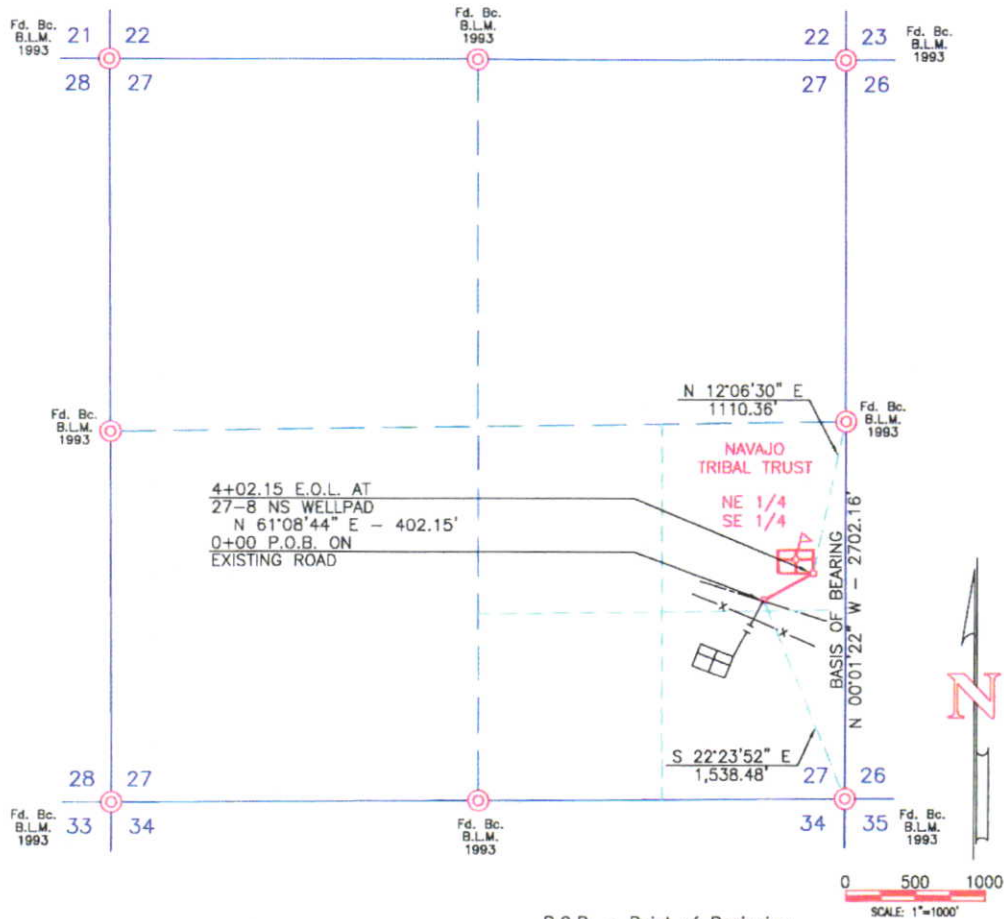
Ranger Development, LLC

SURVEYED: 03/24/20	REV. DATE:	APP. BY J.A.V.
DRAWN BY: K.S.	DATE DRAWN: 05/14/20	FILE NAME: 11411PD1

UNITED FIELD SERVICES INC.
 P.O. BOX 3651
 FARMINGTON, NM 87499
 OFFICE: (505) 334-0408

Ranger Development, LLC

27-8 NS ACCESS ROAD
NE 1/4 SE 1/4 OF SECTION 27, T-20-N, R-27-E,
GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA



P.O.B. = Point of Beginning
E.O.L. = End of Line

NOTES:

1. BASIS OF BEARING: MONUMENTED EAST LINE OF THE SOUTHEAST QUARTER OF SECTION 27, T-20-N, R-27-E, GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA.
BEARS: N 00°01'22" W - 2702.16'
2. ALL BEARINGS & DISTANCES SHOWN ARE BASED UPON THE ARIZONA COORDINATE SYSTEM, EAST ZONE, NAD 83, IN INTERNATIONAL FEET.

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT THIS SURVEY REPRESENTS A SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT IT ACCURATELY REPRESENTS SAID SURVEY TO THE BEST OF MY KNOWLEDGE AND BELIEF.

JOHN A. VUKONICH, R.L.S. ARIZONA, U.S.A.

DATE

OWNER	STATION	FEET / RODS
NAVAJO TRIBAL TRUST	0+00 TO 4+02.15	402.15 / 24.373

Ranger Development, LLC

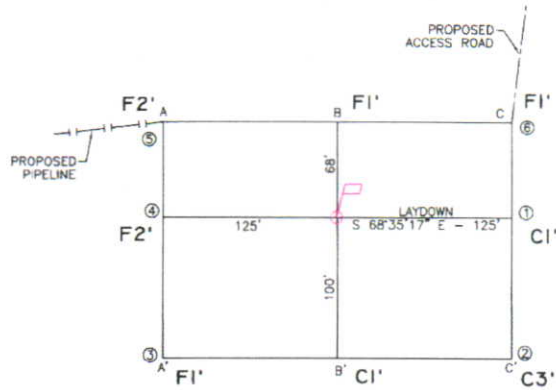
SURVEYED: 03/24/20	REV. DATE:	APP. BY: J.A.V.
DRAWN BY: K.S.	DATE DRAWN: 05/14/20	FILE NAME: 11411A01



P.O. BOX 3651
FARMINGTON, NM 87499
OFFICE: (505) 334-0408

RANGER 27-1 SH NS WELL PAD

BEFORE DIGGING
CALL FOR UTILITY
LINE LOCATION!



A-A' E

5790				
5780				
5770				
5760				
5750				

B-B' E

5790				
5780				
5770				
5760				
5750				

C-C' E

5790				
5780				
5770				
5760				
5750				

CROSS SECTIONS
HORIZONTAL: 1"=100'
VERTICAL: 1"=50'

LEASE: 27-1 SH NS

FOOTAGES: 1005' FSL, 945' FEL

SEC. 27 TWN. 20 N RNG. 27 E

LAT: N 35.0995365° LONG: W 109.4562773° (NAD 83)

ELEVATION: 5777

RANGER DEVELOPMENT LLC

SURVEYED: 03/24/20

REV. DATE:

APP. BY J.A.V.

DRAWN BY: K.S.

DATE DRAWN: 04/23/20

FILE NAME: 11410C01

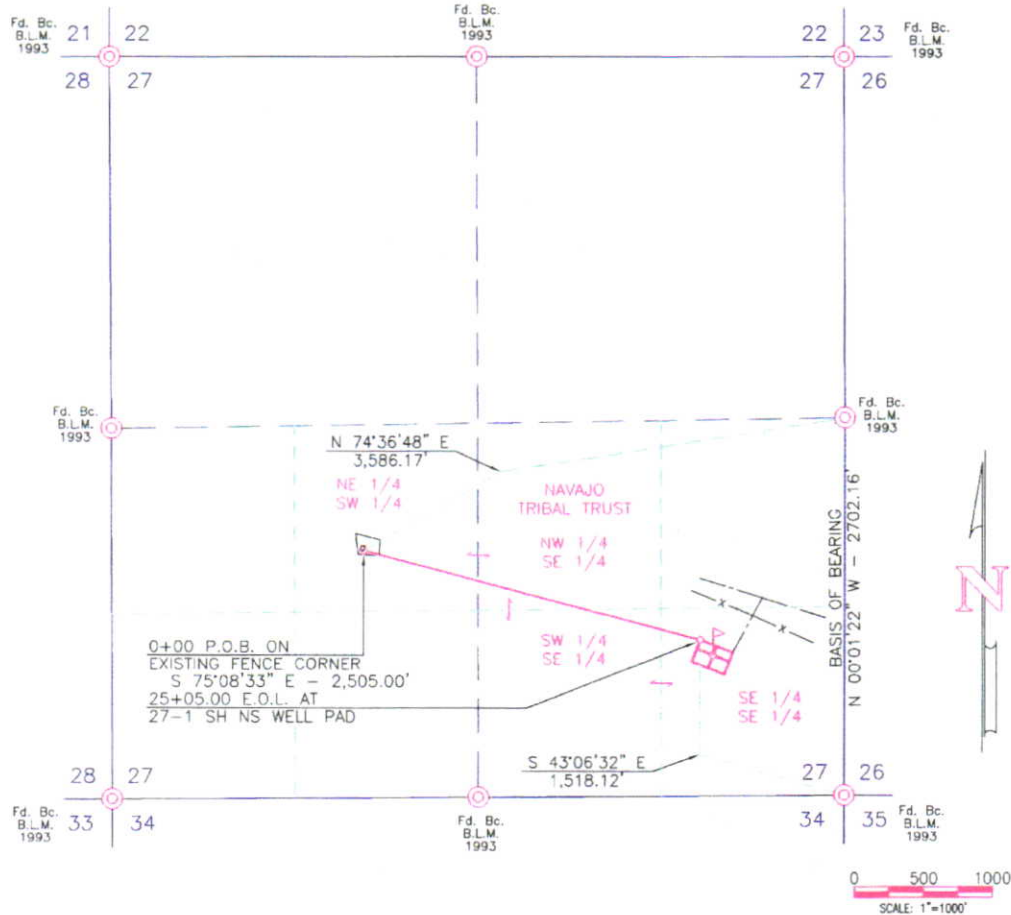


P.O. BOX 3651
FARMINGTON, NM 87499
OFFICE: (505) 334-0408

Ranger Development, LLC

27-1 SH NS PIPELINE ROUTE

NE 1/4 SW 1/4, W 1/2 SE 1/4 & SE 1/4 SE 1/4 OF SECTION 27, T-20-N, R-27-E,
GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA



P.O.B. = Point of Beginning

OWNER	STATION	FEET / RODS
NAVAJO TRIBAL TRUST	0+00 TO 25+05.00	2505.00 / 151.818

NOTES:

1. BASIS OF BEARING: MONUMENTED EAST LINE OF THE SOUTH-EAST QUARTER OF SECTION 27, T-20-N, R-27-E, GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA.
BEARS: N 00°01'22\" W - 2702.16'
2. ALL BEARINGS & DISTANCES SHOWN ARE BASED UPON THE ARIZONA COORDINATE SYSTEM, EAST ZONE, NAD 83, IN INTERNATIONAL FEET.

SURVEYOR'S

I HEREBY CERTIFY THAT THIS SURVEY REPRESENTS A SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT IT ACCURATELY REPRESENTS SAID SURVEY TO THE BEST OF MY KNOWLEDGE AND BELIEF.

JOHN A. VUKOBICH
DATE 5/8/2020

Ranger Development, LLC

SURVEYED: 03/24/20	REV. DATE:	APP. BY J.A.V.
DRAWN BY: K.S.	DATE DRAWN: 04/23/20	FILE NAME: 11410P01

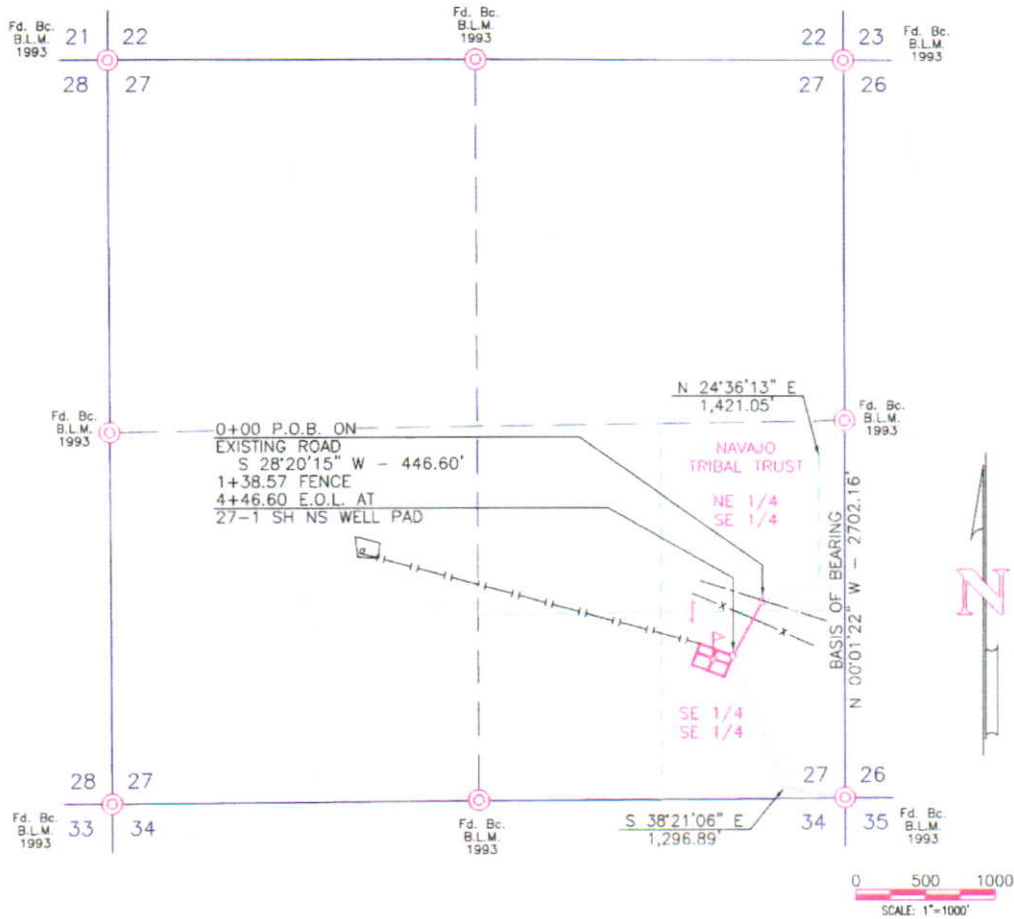
UNITED
FIELD SERVICES INC.

P.O. BOX 3651
FARMINGTON, NM 87409
OFFICE: (505) 334-0408

Ranger Development, LLC

27-1 SH NS ACCESS ROAD

E 1/2 SE 1/4 OF SECTION 27, T-20-N, R-27-E,
GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA



P.O.B. = Point of Beginning

OWNER	STATION	FEET / RODS
NAVAJO TRIBAL TRUST	0+00 TO 4+46.60	446.60 / 27.067

NOTES

1. BASIS OF BEARING: MONUMENTED EAST LINE OF THE SOUTHEAST QUARTER OF SECTION 27, T-20-N, R-27-E, GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA.
BEARS: N 00°01'22" W - 2702.16'
2. ALL BEARINGS & DISTANCES SHOWN ARE BASED UPON THE ARIZONA COORDINATE SYSTEM, EAST ZONE, NAD 83, IN INTERNATIONAL FEET.

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT I HAVE PREPARED A SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT IT ACCURATELY REPRESENTS SAID SURVEY TO THE BEST OF MY KNOWLEDGE AND BELIEF.

JOHN A. VUKONICH

JOHN A. VUKONICH

Ranger Development, LLC

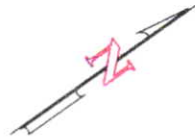
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DRAWN BY: K.S.	DATE DRAWN: 04/23/20	FILE NAME: 11410AD1



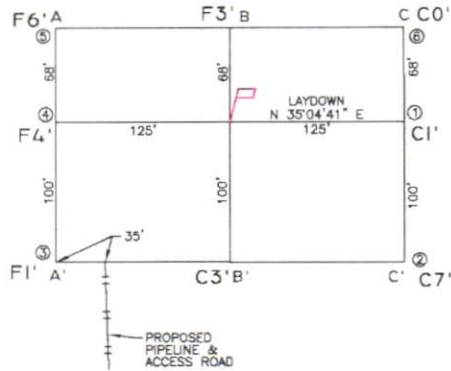
P.O. BOX 3651
FARMINGTON, NM 87499
OFFICE: (505) 334-0408

RANGER 33-13 NS WELL PAD

BEFORE DIGGING
CALL FOR UTILITY
LINE LOCATION!



0 50 100
SCALE: 1"=100'



ELEVATION A-A'

5740				
5730				
5720				
5710				
5700				

B-B'

5740				
5730				
5720				
5710				
5700				

C-C'

5740				
5730				
5720				
5710				
5700				

CROSS SECTIONS

HORIZONTAL: 1"=100'
VERTICAL: 1"=50'

LEASE: 33-13

FOOTAGES: 829' FNL, 997' FWL

SEC. 33 TWN. 20 N RNG. 27 E

LAT: 35.0942560° N LONG: 109.4853171° W (NAD83)

ELEVATION: 5728

RANGER DEVELOPMENT LLC

SURVEYED: 04/16/20

REV. DATE:

APP. BY J.A.V.

DRAWN BY: C.B.

DATE DRAWN: 04/29/20

FILE NAME: 11450-C01

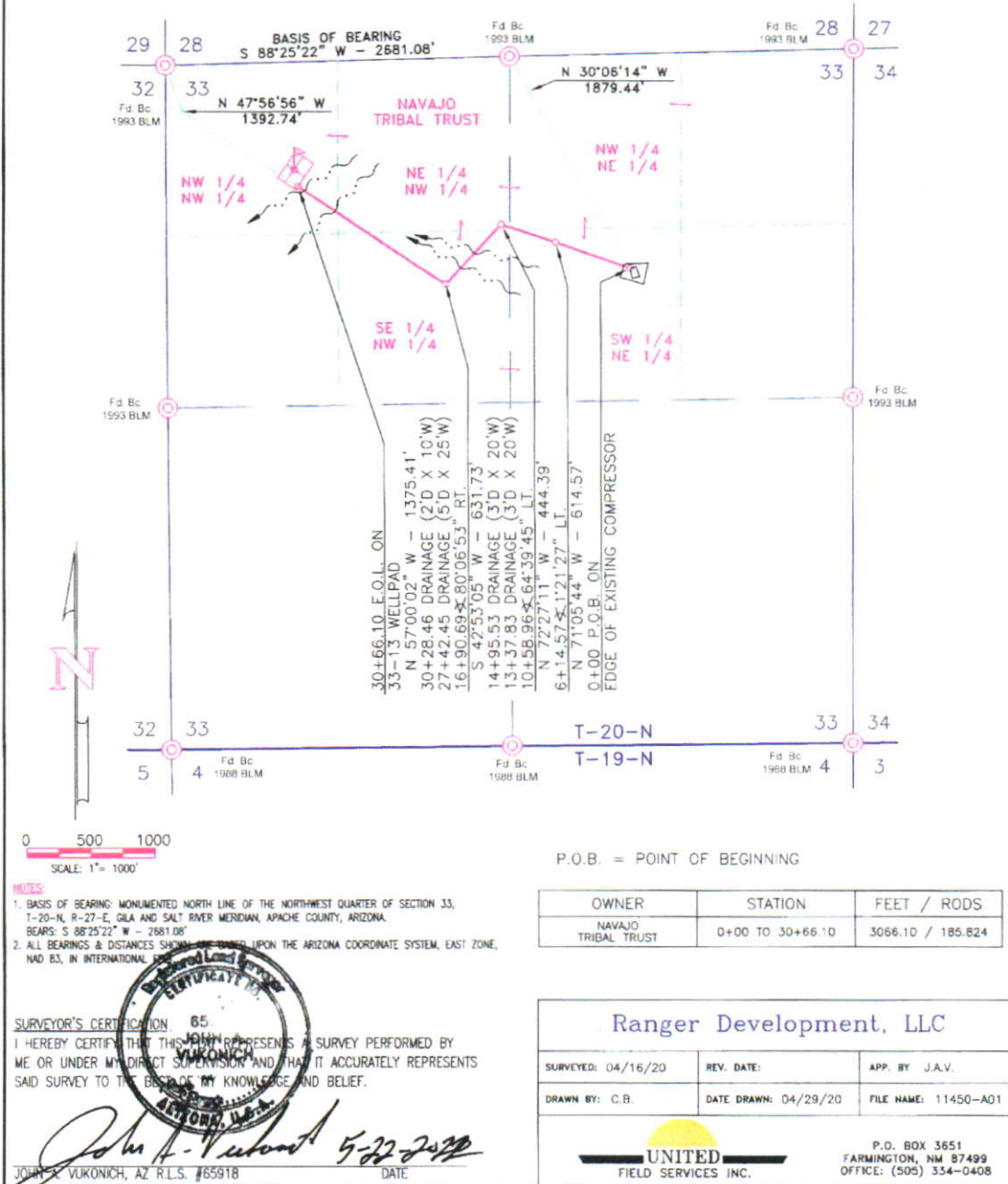


P.O. BOX 3651
FARMINGTON, NM 87499
OFFICE: (505) 334-0408

Ranger Development, LLC

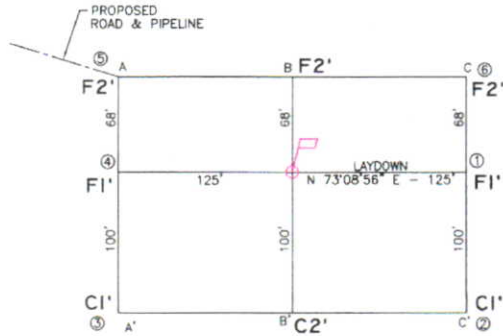
33-13 NS ACCESS ROAD and PIPELINE ROUTE

W 1/2 NE 1/4, E 1/2 NW 1/4 & NW 1/4 NW 1/4 OF SECTION 33, T-20-N, R-27-E,
GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA



RANGER 31-7 NS WELL PAD

BEFORE DIGGING
CALL FOR UTILITY
LINE LOCATION!



A-A'

5780				
5770				
5760				
5750				
5740				

B-B'

5780				
5770				
5760				
5750				
5740				

C-C'

5780				
5770				
5760				
5750				
5740				

CROSS SECTIONS
HORIZONTAL: 1"=100'
VERTICAL: 1"=50'

LEASE: 31-7
FOOTAGES: 1424' FSL, 2072' FEL
SEC. 31 TWN. 20 N RNG. 27 E
LAT: N 35.0859779° LONG: W 109.5132229° (NAD 83)
ELEVATION: 5760

Ranger Development, LLC

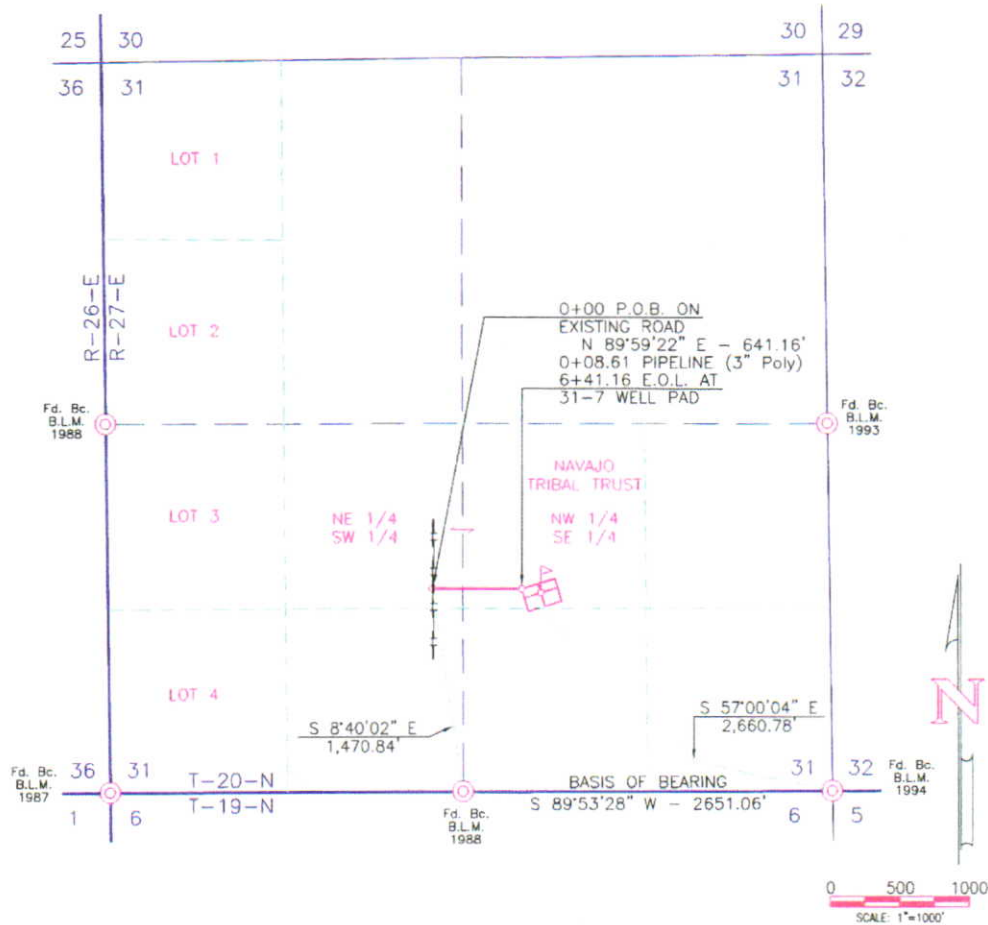
SURVEYED: 04/16/20	REV. DATE:	APP. BY J.A.V.
DRAWN BY: K.S.	DATE DRAWN: 04/30/20	FILE NAME: 11417C01

 **UNITED**
FIELD SERVICES INC.
P.O. BOX 3651
FARMINGTON, NM 87499
OFFICE: (505) 334-0408

Ranger Development, LLC

31-7 NS ACCESS ROAD

NE 1/4 SW 1/4 & NW 1/4 SE 1/4 OF SECTION 31, T-20-N, R-27-E,
GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA



NOTES:

1. BASIS OF BEARING: MONUMENTED SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 31, T-20-N, R-27-E, GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA. BEARS: S 89°53'28" W - 2651.06'
2. ALL BEARINGS & DISTANCES SHOWN ARE BASED UPON THE ARIZONA COORDINATE SYSTEM, EAST ZONE, NAD 83, IN INTERNATIONAL FEET.

P.O.B. = Point of Beginning

OWNER	STATION	FEET / RODS
NAVAJO TRIBAL TRUST	0+00 TO 6+41.16	641.16 / 38.858

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT PRESENTS A SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT IT ACCURATELY REPRESENTS SAID SURVEY TO THE BEST OF MY KNOWLEDGE AND BELIEF.

JOHN C. VUKONICH, AZ R.L.S. #65918

DATE

Ranger Development, LLC

SURVEYED: 04/16/20	REV. DATE:	APP. BY: J.A.V.
DRAWN BY: K.S.	DATE DRAWN: 04/30/20	FILE NAME: 11417A01

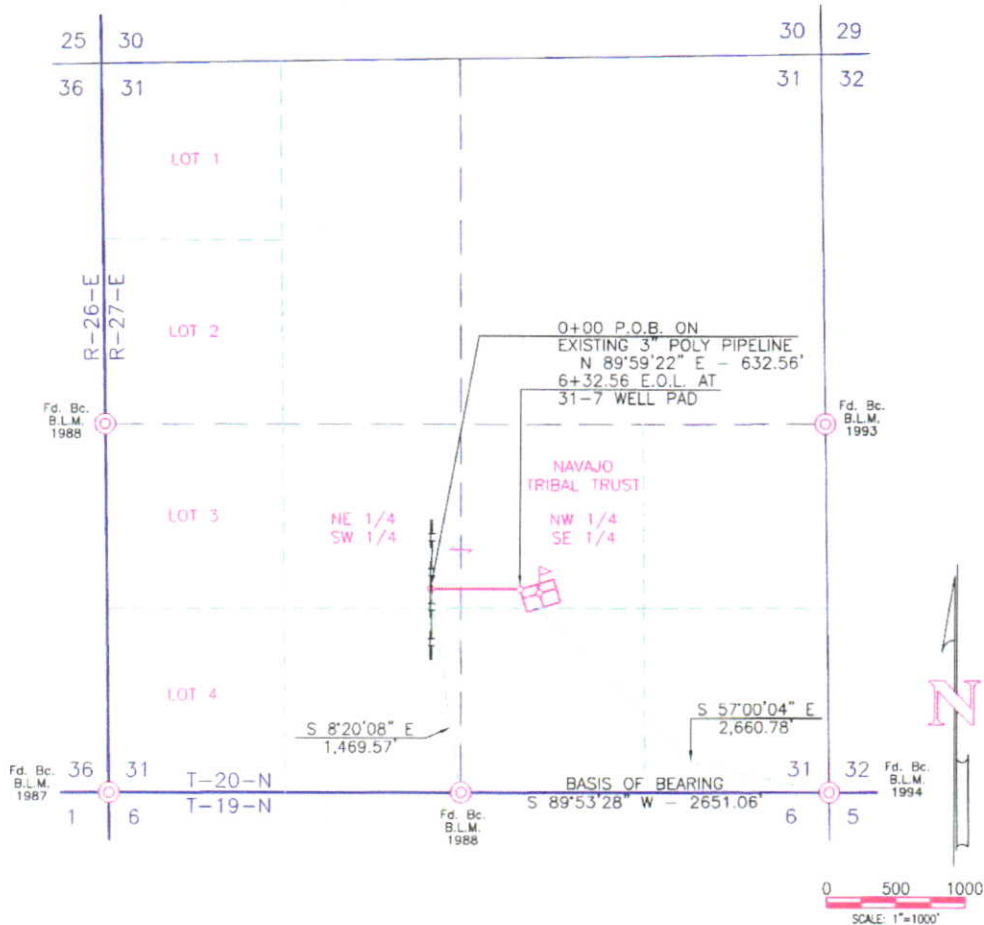


P.O. BOX 3651
FARMINGTON, NM 87499
OFFICE: (505) 334-0408

Ranger Development, LLC

31-7 NS PIPELINE ROUTE

NE 1/4 SW 1/4 & NW 1/4 SE 1/4 OF SECTION 31, T-20-N, R-27-E,
GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA



NOTES:

1. BASIS OF BEARING: MONUMENTED SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 31, T-20-N, R-27-E, GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA.
BEARS: S 89°53'28" W - 2651.06'
2. ALL BEARINGS & DISTANCES SHOWN ARE BASED ON THE ARIZONA COORDINATE SYSTEM, EAST ZONE, NAD 83, IN INTERNATIONAL FEET.

P.O.B. = Point of Beginning

OWNER	STATION	FEET / RODS
NAVAJO TRIBAL TRUST	0+00 TO 6+32.56	632.56 / 38.337

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT REPRESENTS A SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IT ACCURATELY REPRESENTS SAID SURVEY TO THE BEST OF MY KNOWLEDGE AND BELIEF.

John A. Vukovich 5/8/2020
JOHN A. VUKOVICH, AZ R.L.S. #65918 DATE

Ranger Development, LLC

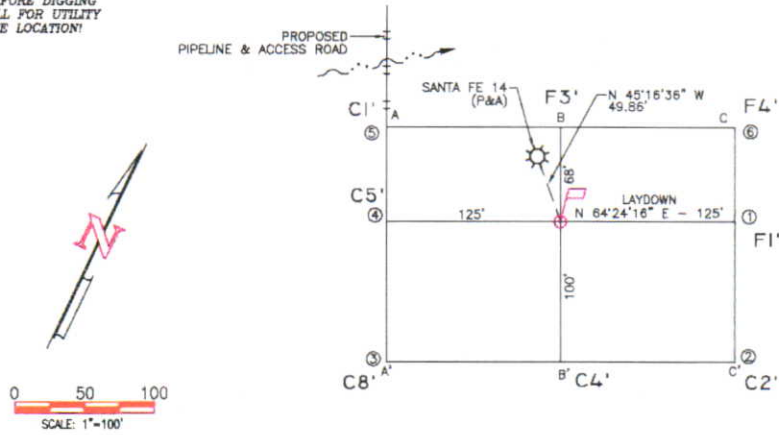
SURVEYED: 04/16/20	REV. DATE:	APP. BY: J.A.V.
DRAWN BY: K.S.	DATE DRAWN: 04/30/20	FILE NAME: 11417PD1



P.O. BOX 3651
FARMINGTON, NM 87499
OFFICE: (505) 334-0408

RANGER 5-11 NS WELL PAD

BEFORE DIGGING
CALL FOR UTILITY
LINE LOCATION!



A-A'

E				
5820				
5810				
5800				
5790				
5780				

B-B'

E				
5820				
5810				
5800				
5790				
5780				

C-C'

E				
5820				
5810				
5800				
5790				
5780				

CROSS SECTIONS
HORIZONTAL: 1"=100'
VERTICAL: 1"=50'

LEASE: 5-II NS
FOOTAGES: 1691' FNL, 1696' FWL
SEC. 5 TWN. 19 N RNG. 27 E
LAT: N 35.0773681° LONG: W 109.5006227° (NAD 83)
ELEVATION: 5804

Ranger Development, LLC

SURVEYED: 06/23/20	REV. DATE:	APP. BY: J.A.V.
DRAWN BY: K.S.	DATE DRAWN: 07/09/20	FILE NAME: 11477C01

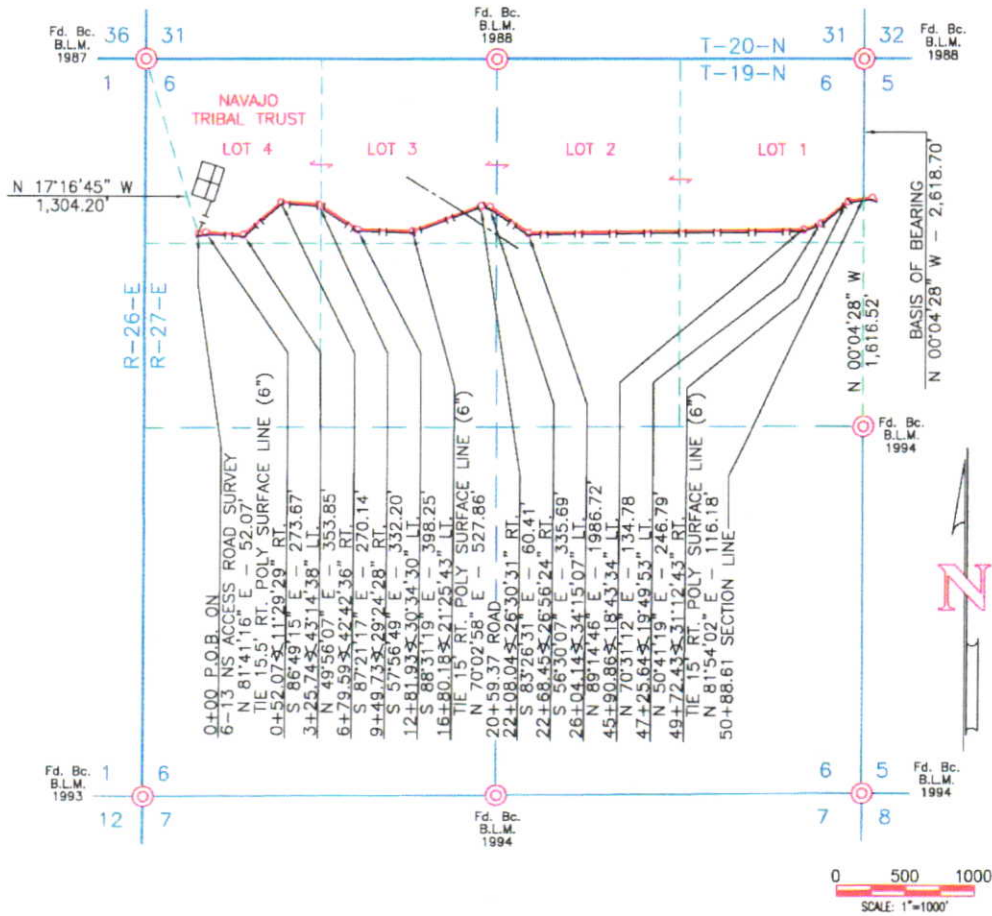


P.O. BOX 3651
FARMINGTON, NM 87499
OFFICE: (505) 334-0408

Ranger Development, LLC

5-11 NS ACCESS ROAD and PIPELINE ROUTE

N 1/2 N 1/2 (LOT 1, LOT 2, LOT 3, & LOT 4) OF SECTION 6, T-19-N, R-27-E,
GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA



NOTES:

1. BASIS OF BEARING: MONUMENTED EAST LINE OF THE NORTHEAST QUARTER OF SECTION 6, T-19-N, R-27-E, GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA. BEARS: N 00°04'28\" W - 2618.70'
2. ALL BEARINGS & DISTANCES SHOWN ARE BASED UPON THE ARIZONA COORDINATE SYSTEM, EAST ZONE, NAD 83, IN INTERNATIONAL FEET.

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT THIS MAP REPRESENTS A SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT IT ACCURATELY REPRESENTS SAID SURVEY TO THE BEST OF MY KNOWLEDGE AND BELIEF.

JOHN A. VUKONICH, AZ R.L.S. 7/27/2020

P.O.B. = Point of Beginning

OWNER	STATION	FEET / RODS
NAVAJO TRIBAL TRUST	0+00 TO 50+88.61	5088.61 / 308.401

Ranger Development, LLC

SURVEYED: 06/23/20	REV. DATE:	APP. BY J.A.V.
DRAWN BY: K.S.	DATE DRAWN: 07/09/20	FILE NAME: 11477P01

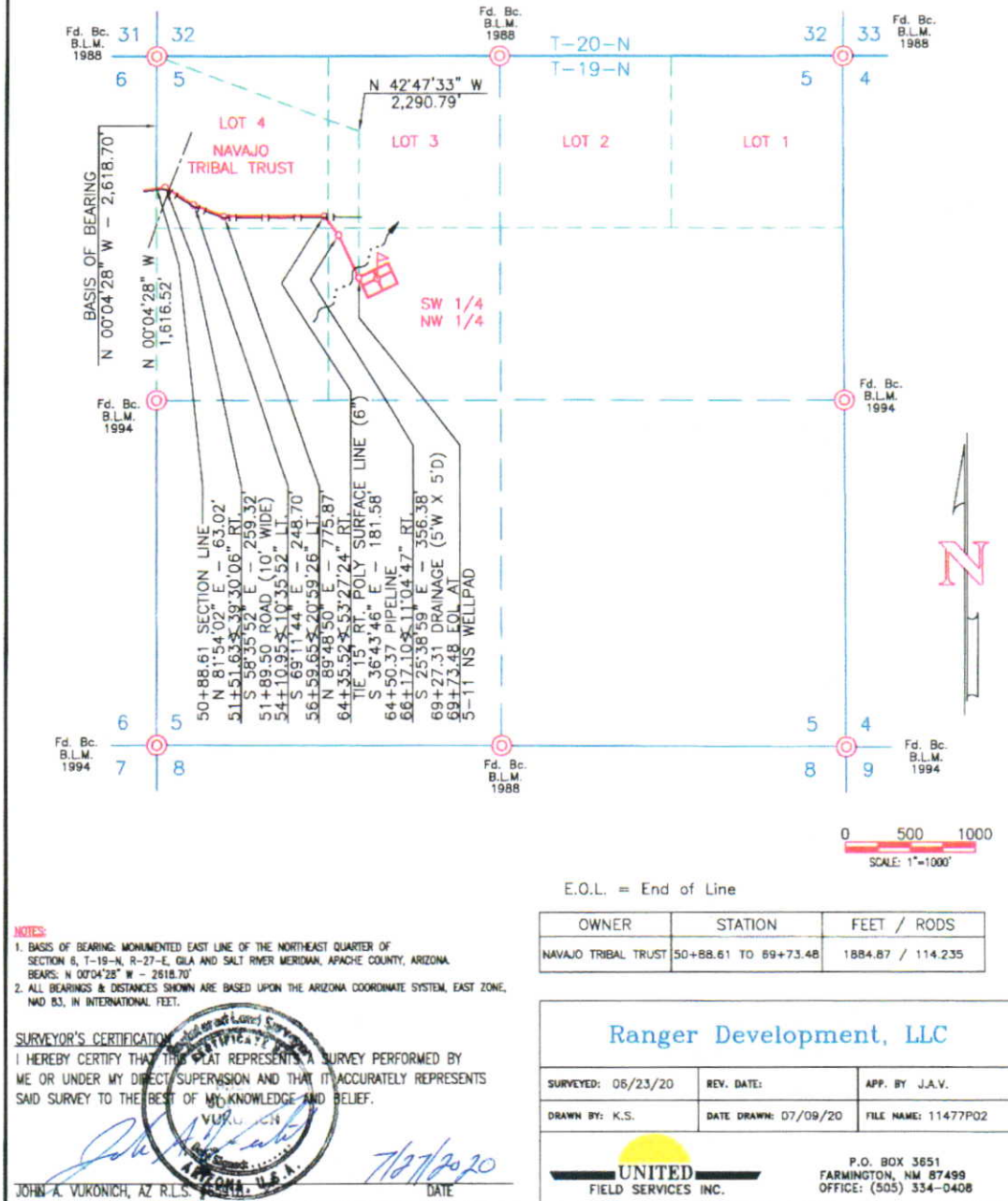


P.O. BOX 3651
FARMINGTON, NM 87499
OFFICE: (505) 334-0408

Ranger Development, LLC

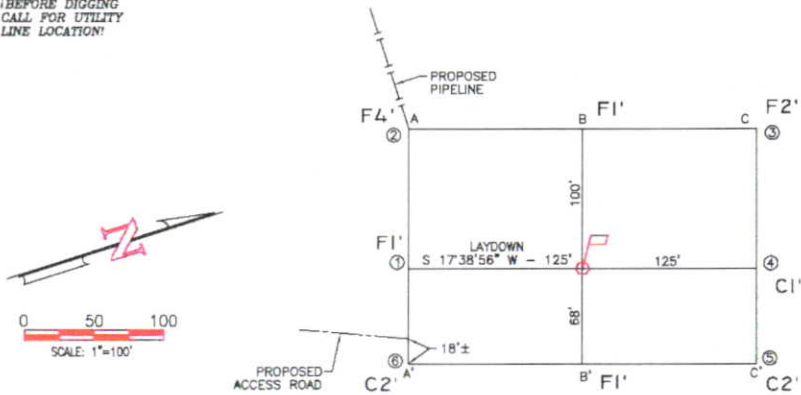
5-11 NS ACCESS ROAD and PIPELINE ROUTE

N 1/2 NW 1/2 (LOT 3 & LOT 4) & SW 1/4 NW 1/4 OF SECTION 5, T-19-N, R-27-E, GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA



RANGER 6-13 NS WELL PAD

BEFORE DIGGING
CALL FOR UTILITY
LINE LOCATION!



A-A'

5790				
5780				
5770				
5760				
5750				

B-B'

5790				
5780				
5770				
5760				
5750				

C-C'

5790				
5780				
5770				
5760				
5750				

CROSS SECTIONS

HORIZONTAL: 1"=100'
VERTICAL: 1"=50'

LEASE: 6-13 NS

FOOTAGES: 887' FNL, 468' FWL

SEC. 6 TWN. 19 N RNG. 27 E

LAT: N 35.0796593° LONG: W 109.5220464° (NAD 83)

ELEVATION: 5770

Ranger Development, LLC

SURVEYED: 5/07/20 TO
6/23/20

REV. DATE:

APP. BY J.A.V.

DRAWN BY: K.S.

DATE DRAWN: 7/11/20

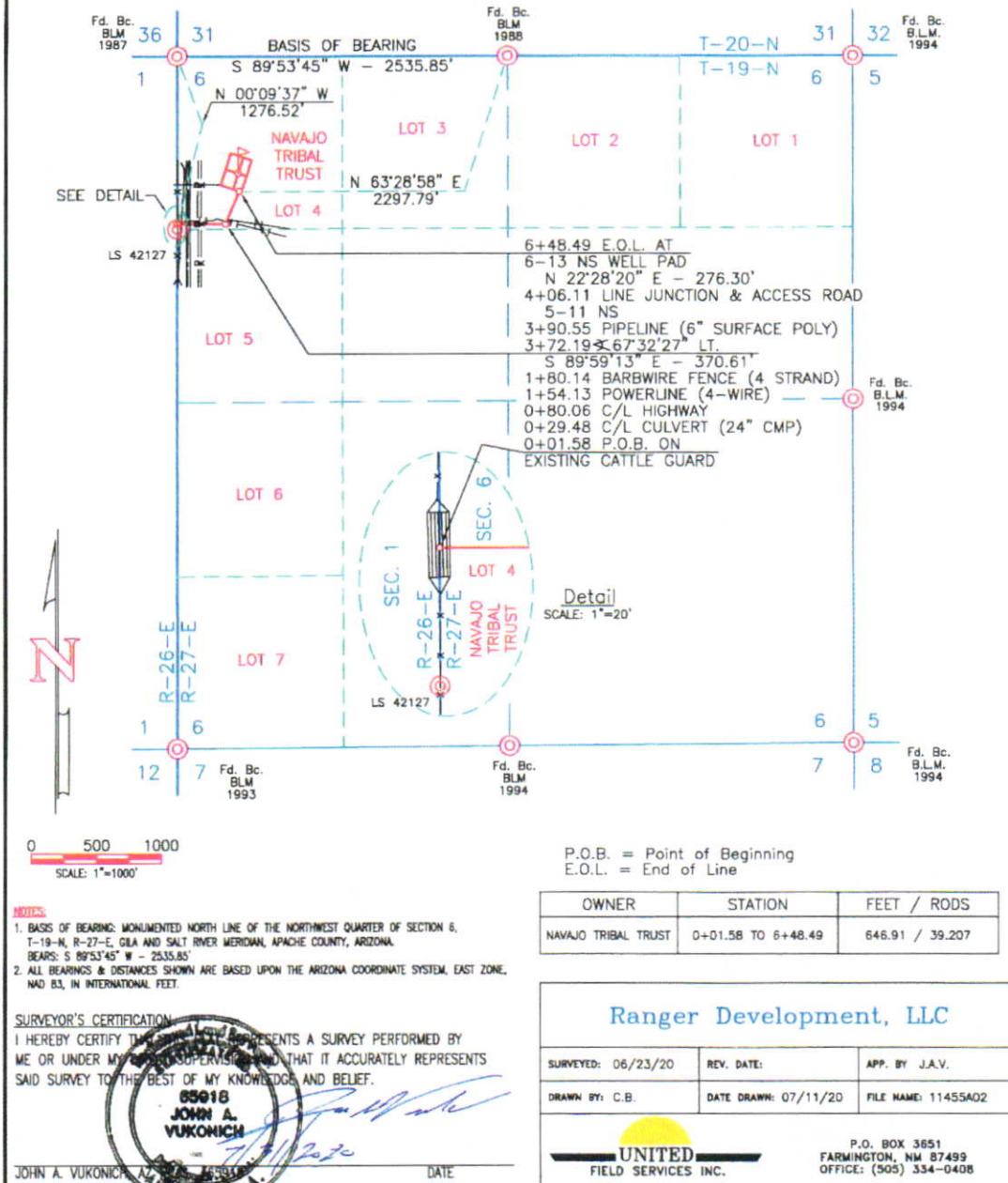
FILE NAME: 11455C02



P.O. BOX 3651
FARMINGTON, NM 87499
OFFICE: (505) 334-0408

Ranger Development, LLC

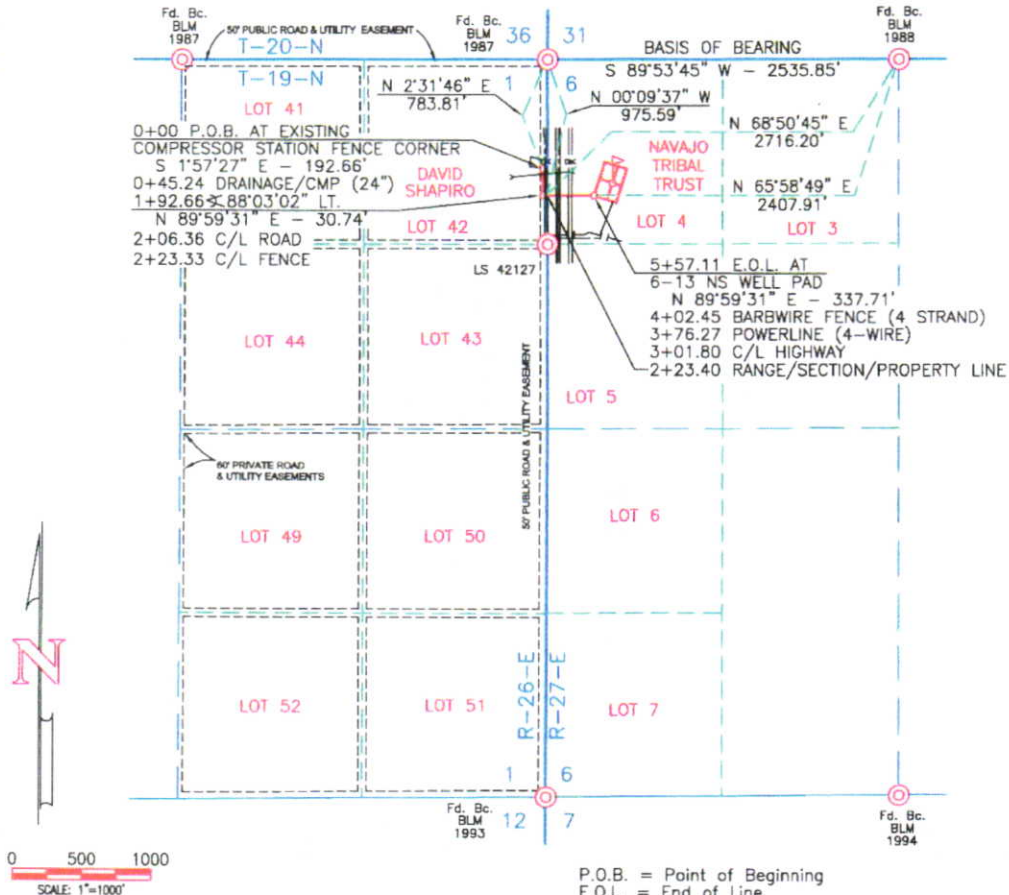
6-13 NS ACCESS ROAD
NW 1/4 NW 1/4 (LOT 4) OF SECTION 6, T-19-N, R-27-E,
GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA



Ranger Development, LLC

6-13 NS PIPELINE ROUTE

NE 1/4 NE 1/4 (LOT 42) OF SECTION 1, T-19-N, R-26-E, AND
NW 1/4 NW 1/4 (LOT 4) OF SECTION 6, T-19-N, R-27-E,
GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA



P.O.B. = Point of Beginning
E.O.L. = End of Line

NOTES:

1. BASIS OF BEARING: MONUMENTED NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 6, T-19-N, R-27-E, GILA AND SALT RIVER MERIDIAN, APACHE COUNTY, ARIZONA. BEARS: S 89°53'45\" W - 2535.85'
2. ALL BEARINGS & DISTANCES SHOWN ARE BASED UPON THE ARIZONA COORDINATE SYSTEM, EAST ZONE, NAD 83, IN INTERNATIONAL FEET.
3. INFORMATION SHOWN OBTAINED FROM AMENDED RECORD OF SURVEY ROLLING HILLS RANCH, BOOK 15, PAGE 11, FILED JUNE 13, 2006 STATE OF ARIZONA, APACHE COUNTY.

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE REPRESENTS A SURVEY PERFORMED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT IT ACCURATELY REPRESENTS SAID SURVEY TO THE BEST OF MY KNOWLEDGE AND BELIEF.

65918
JOHN A.
YUKONICH

JOHN A. YUKONICH, S.S. #65918

DATE

OWNER	STATION	FEET / RODS
DAVID SHAPIRO	0+00 TO 2+23.40	223.40 / 13.539
NAVAJO TRIBAL TRUST	2+23.40 TO 5+57.11	333.71 / 20.225

Ranger Development, LLC

SURVEYED: 06/23/20	REV. DATE:	APP. BY J.A.V.
DRAWN BY: C.B.	DATE DRAWN: 07/11/20	FILE NAME: 11455P02



P.O. BOX 3651
FARMINGTON, NM 87499
OFFICE: (505) 334-0408

EXHIBIT "C"

to Surface Use and Damage Agreement by and between
the Navajo Nation, Ranger Development LLC and the Office of Navajo and Hopi Indian Relocation

Excerpts from Environmental Assessment Illustrating (A) Total Surface Disturbance for (i) Well Pad Locations, (ii) Pipeline Routes and (iii) New Access Roads, and (B) Certain Construction Specifications:

Table 2.1 Ranger Proposed Navajo Springs 2020-2021 Proposed Well Pad Locations – Chambers, Apache County, Arizona

<i>Well Name</i>	<i>#</i>	<i>Surface Position</i>	<i>T.</i>	<i>R.</i>	<i>S.</i>	<i>Coordinates (NAD 83)</i>	<i>Quad Map</i>
Ranger 27-1 SH NS	1	1005' FSL & 945' FFL	20N	27E	27	Lat: 35.0995365 Long: 109.4562773	Navajo Springs, AZ
Ranger 27-8 NS	1	1717' FSL & 359' FFL	20N	27E	27	Lat: 35.1014929 Long: 109.4543006	Navajo Springs, AZ
Ranger 28-1 SH NS	1	1069' FSL & 452' FFL	20N	27E	28	Lat: 35.0996956 Long: 109.472242	Navajo Springs, AZ
Ranger 28-8 NS	1	2055' FSL & 854' FFL	20N	27E	28	Lat: 35.1023817 Long: 109.4735832	Navajo Springs, AZ
Ranger 28-10 NS	1	2186' FSL & 2296' FFL	20N	27E	28	Lat: 35.1051961 Long: 109.4783984	Navajo Springs, AZ
Ranger 31-7 NS	1	1424' FSL & 2072' FFL	20N	27E	31	Lat: 35.0859779 Long: 109.5132229	Navajo Springs, AZ
Ranger 33-13 NS	1	829' FSL & 997' FFL	20N	27E	33	Lat: 35.0912560 Long: 109.4853171	Navajo Springs, AZ
Ranger 6-13 NS	1	887' FSL & 468' FFL	19N	27E	6	Lat: 35.0796593 Long: 109.5220464	Navajo Springs, AZ
Ranger 5-11 NS	1	1691' FSL & 1696' FFL	19N	27E	5	Lat: 35.0773681 Long: 109.5006227	Navajo Springs, AZ

Table 2.2 Land Use Summary

Facility	Well Pad			Access Road & Pipeline Corridor			Land Use (Acres)
	Length (ft.)	Width (ft.)	Acres	Length (ft.)	Width (ft.)	Acres	
Ranger 27-1 SH NS	250	168	0.964	2,505.00	20	1.15	2.114
Ranger 27-8 NS	250	168	0.964	862.67	20	0.396	1.36
Ranger 28-1 SH NS	250	168	0.964	472.70	20	0.217	1.181
Ranger 28-8 NS	250	168	0.964	998.59	20	0.458	1.422
Ranger 28-10 NS	250	168	0.964	1,884.22	20	0.865	1.829
Ranger 31-7 NS	250	168	0.964	641.16	20	0.294	1.258
Ranger 33-13 NS	250	168	0.964	3,066.10	20	1.408	2.372
Ranger 6-13 NS	250	168	0.964	980.62	20	0.153	1.414
Ranger 5-11 NS	250	168	0.964	7,219.11	20	3.313	4.277
		Pad Land Use		8.676	Road & Pipe Land Use*		8.551
Total Project Land Use*							17.227

* Includes approx. 0.127 acres of overlap between the pipeline and road easements between 5-13 & 6-13 and 27-1 & 27-8.

2.2.2 Pipeline and Road Construction

All pipelines will be HDPE surface lines between 4-inch to 6-inch in outside diameter. Wherever possible, pipelines will follow existing or proposed access roads and will be contained within a 20-foot easement alongside associated access roads.

All access roads will be bladed to allow light drilling equipment to travel over them. Maximum disturbed width will be 20 feet. Maximum cut or fill will be 3 feet and maximum grade will be 10%.

EXHIBIT "D"

to Surface Use and Damage Agreement by and between
the Navajo Nation, Ranger Development LLC and the Office of Navajo and Hopi Indian Relocation

Applications for Permit to Drill

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER			
APPLICATION TO DRILL <input checked="" type="checkbox"/>		RE-ENTER OLD WELL <input type="checkbox"/>	
INJECTION WELL <input type="checkbox"/>			
<input type="checkbox"/> OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> CO2 <input checked="" type="checkbox"/> HELIUM WELL OTHER _____			
NAME OF COMPANY OR OPERATOR RANGER DEVELOPMENT LLC			
Address		City	State
5001 LBJ Freeway, Suite 300		Dallas	Texas
Phone Number		972-960-3210	
Drilling Contractor: Butler Petroleum LLC			
Address			
DESCRIPTION OF WELL AND LEASE			
Federal, State or Indian Lease Number, or if fee lease, name of lessor		Well number	Elevation (ground)
Santa Fe Pacific Railroad Company		27-1 SHNS	5777
Nearest distance from proposed location to property or lease line:		Distance from proposed location to nearest drilling, completed or applied-for well on the same lease:	
945 feet		925 feet	
Number of acres in lease 623.72		Number of wells on lease, including this well, completed in or drilling to this reservoir: 5 (Eastern - Santa Fe #35 P&A)	
If lease purchased with one or more wells drilled, from whom purchased.		Name Address	
		Cimarex Energy Co 1700 Lincoln St., Suite 3700, Denver, CO 80203	
Well location (give footage from section lines)		Section - Township - Range or Block and Survey	
1005' FSL - 945' FEL		SEC. 27, T-20-N, R-27-E, G & SRM	
Field and reservoir (if wildcard, so state)		Dedication per A.A.C. R12-7-104(A)(3)	
Navajo Springs		All 27-20N-27E	
County			
APACHE			
Distance in miles and direction from nearest town or post office S 12° W, 6.3 MILES FROM CHAMBERS, AZ			
Proposed depth	Rotary or cable tool	Approximate date work will start	
985'	Rotary	Upon Approval	
Bond status	Organization Report	Filing Fee of \$25.00	
Filed	On file Yes Or attached Yes	Attached Yes	
Amount	\$50,000		
Remarks			
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>Project Manager</u> of the <u>Ranger Development, LLC</u> (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.			
Mail completed form to: Oil and Gas Program Administrator Arizona Oil & Gas Conservation Commission c/o Arizona Department of Environmental Quality 1110 W. Washington Street Phoenix, AZ 85007			
e-mail completed form to: azogcc@azdeq.gov			
Permit / LTF No.: Approval Date: Approved By:		STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Application to Drill or Re-enter File two copies: one by mail, one electronically Form No. 3	
NOTICE: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.			

(Complete Reverse Side)

03/2018

1. Operator shall outline on the plat the acreage dedicated to the well in compliance with A.A.C. R12-7-107.
2. A registered surveyor shall show on the plat the location of the well and certify this information in the space provided.
3. ALL DISTANCES SHOWN ON THE PLAT MUST BE FROM THE OUTER BOUNDARIES OF THE SECTION.
4. Is the operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO
5. If the answer to question four is no, have the interests of all owners been consolidated by communitization agreement or otherwise?
YES NO If answer is yes, give type of consolidation
6. If the answer to question four is no, list all the owners and their respective interests below:

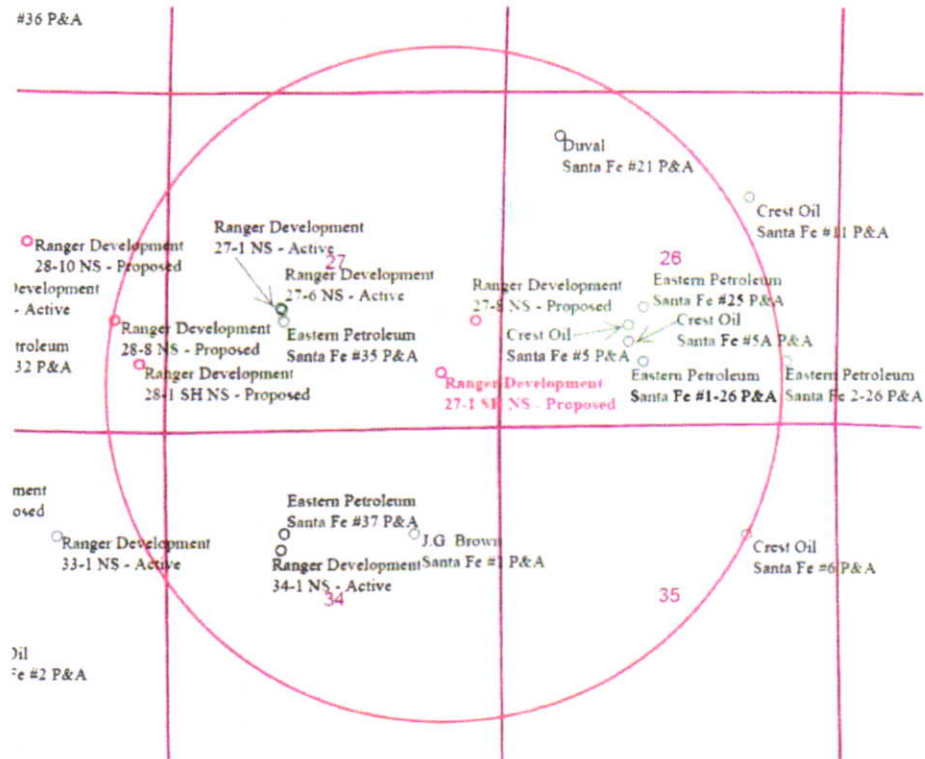
Owner	Land Description
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p style="text-align: center;">SECTION 27, TOWNSHIP 20 NORTH RANGE 27 EAST GILA & SALT RIVER MERIDIAN</p> <p>27-1 SH NS LAT: 35.095365° N LONG: 109.4562773° W NAD 83</p> <p>S 89°37'59" W - 2631' 15"</p> </div> <div style="width: 35%;"> <p style="text-align: center;">CERTIFICATION</p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <p><i>[Signature]</i> Name Tony Hines Position Project Manager Company Ranger Development LLC Date November 19, 2020</p> <p>I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p> <p><i>[Signature]</i> 65918 JOHN A. YUKONICH Date Surveyed 03/24/2020 Registered Professional Surveyor Certificate No. 65918</p> </div> </div>	

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement	Type
10.75"	32.75#	J55	GL	60'	GL-60'	10	Prem. Light
7.00"	20.00#	J55	GL	790'	GL-790'	175	Prem. Light
4.50"	10.50#	J55	GL	985'	GL-985'	90	Prem. Light

Ranger Development LLC
 Ranger 27-1 SH NS
 1005' FSL & 945' FEL
 Sec. 27, T. 20 N., R. 27 E.
 Apache County, AZ

Area Topographic Map



Map Source: Arizona Oil and Gas Conservation Commission

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER			
APPLICATION TO DRILL <input checked="" type="checkbox"/>		RE-ENTER OLD WELL <input type="checkbox"/>	
INJECTION WELL <input type="checkbox"/>			
OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> CO2 <input type="checkbox"/> HELIUM WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>			
NAME OF COMPANY OR OPERATOR RANGER DEVELOPMENT LLC			
Address		City	
5001 LBJ Freeway, Suite 300		Dallas	
State		Phone Number	
Texas		972-960-3210	
Drilling Contractor Butler Petroleum LLC			
Address			
DESCRIPTION OF WELL AND LEASE			
Federal, State or Indian Lease Number, or if fee lease, name of lessor Santa Fe Pacific Railroad Company		Well number 27-8 NS	
Nearest distance from proposed location to property or lease line: 359 feet		Elevation (ground) 5762 feet	
Number of acres in lease 623.72		Distance from proposed location to nearest drilling, completed or applied-for well on the same lease: 925 feet	
Number of wells on lease, including this well, completed in or drilling to this reservoir: 5 (Eastern - Santa Fe #35 P&A)			
If lease purchased with one or more wells drilled, from whom purchased. Name Address Cimarex Energy Co. 1700 Lincoln St., Suite 3700, Denver, CO 80203			
Well location (give footage from section line) 1717' FSL - 359' FEL		Section - Township - Range or Block and Survey SEC. 27, T-20-N, R-27-E, G & SRM	
Field and reservoir (if wildcat, so state) Navajo Springs		Dedication per A.A.C. R12-7-104(A)(3) All 27-20N-27E	
County APACHE			
Distance in miles and direction from nearest town or post office S 11° W, 6.2 MILES FROM CHAMBERS, AZ			
Proposed depth: 985'		Rotary or cable tools Rotary	
Approximate date work will start Upon Approval			
Bond status Filed		Organization Report On file Yes Or attached Yes	
Amount \$50,000		Filing Fee of \$25.00 Attached Yes	
Remarks			
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the _____ Project Manager of the _____ (company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.			
Mail completed form to: Oil and Gas Program Administrator Arizona Oil & Gas Conservation Commission c/o Arizona Department of Environmental Quality 1110 W. Washington Street Phoenix, AZ 85007		Signature _____ Date 12/11/20	
e-mail completed form to: azogcc@azdeq.gov			
Permit / LTF No.: Approval Date: Approved By:		STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Application to Drill or Re-enter File two copies: one by mail, one electronically	
NOTICE: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.		Form No. 3	

(Complete Reverse Side)

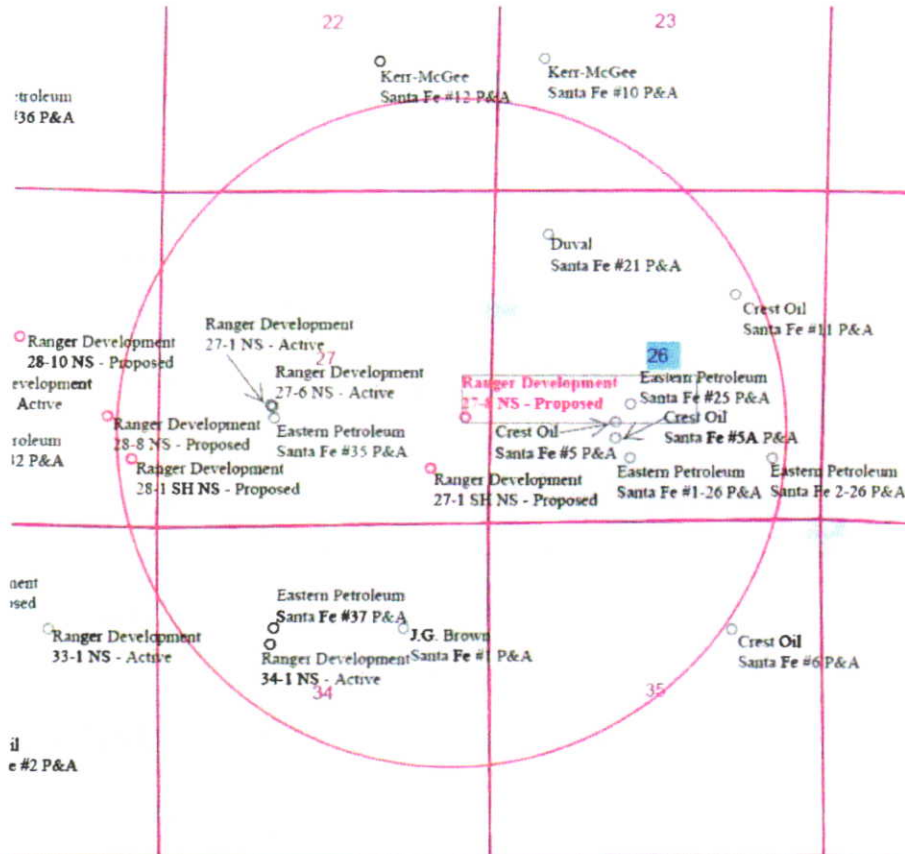
03/2018

1. Operator shall outline on the plat the acreage dedicated to the well in compliance with A.A.C. R12-7-107.
2. A registered surveyor shall show on the plat the location of the well and certify this information in the space provided.
3. ALL DISTANCES SHOWN ON THE PLAT MUST BE FROM THE OUTER BOUNDARIES OF THE SECTION.
4. Is the operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO
5. If the answer to question four is no, have the interests of all owners been consolidated by communitization agreement or otherwise?
YES NO If answer is yes, give type of consolidation _____
6. If the answer to question four is no, list all the owners and their respective interests below:


Owner	Land Description																																
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> </div> <div style="width: 35%;"> <p style="text-align: center;">CERTIFICATION</p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <p><i>Tony Hines</i></p> <p>Name Tony Hines Position Project Manager Company Ranger Development LLC Date November 19, 2020</p> </div> </div>																																	
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p style="text-align: center;">SECTION 27, TOWNSHIP 20 NORTH RANGE 27 EAST GILA & SALT RIVER MERIDIAN</p> </div> <div style="width: 35%;"> <p>I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p> <div style="text-align: center;"> </div> <p>Date Surveyed 11/19/2020 VUKOVICH Registered Land Surveyor Certificate No. 65918</p> </div> </div>																																	
PROPOSED CASING PROGRAM																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Size of Casing</th> <th>Weight</th> <th>Grade & Type</th> <th>Top</th> <th>Bottom</th> <th>Cementing Depths</th> <th>Sacks Cement</th> <th>Type</th> </tr> </thead> <tbody> <tr> <td>10.75"</td> <td>32.75#</td> <td>J55</td> <td>GL</td> <td>60'</td> <td>GL-60'</td> <td>10</td> <td>Prem. Light</td> </tr> <tr> <td>7.00"</td> <td>20.00#</td> <td>J55</td> <td>GL</td> <td>790'</td> <td>GL-790'</td> <td>175</td> <td>Prem. Light</td> </tr> <tr> <td>4.50"</td> <td>10.50#</td> <td>J55</td> <td>GL</td> <td>985'</td> <td>GL-985'</td> <td>90</td> <td>Prem. Light</td> </tr> </tbody> </table>		Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement	Type	10.75"	32.75#	J55	GL	60'	GL-60'	10	Prem. Light	7.00"	20.00#	J55	GL	790'	GL-790'	175	Prem. Light	4.50"	10.50#	J55	GL	985'	GL-985'	90	Prem. Light
Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement	Type																										
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4.50"	10.50#	J55	GL	985'	GL-985'	90	Prem. Light																										

Ranger Development LLC
 Ranger 27-8 NS
 1717' FSL & 359' FEL
 Sec. 27, T. 20 N., R. 27 E.
 Apache County, AZ

Area Topographic Map



Map Source: Arizona Oil and Gas Conservation Commission

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER			
APPLICATION TO DRILL <input checked="" type="checkbox"/>		RE-ENTER OLD WELL <input type="checkbox"/>	
OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> CO2 <input type="checkbox"/> HELIUM WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		INJECTION WELL <input type="checkbox"/>	
NAME OF COMPANY OR OPERATOR RANGER DEVELOPMENT LLC			
Address	City	State	Phone Number
5001 LBJ Freeway, Suite 300	Dallas	Texas	972-960-3210
Drilling Contractor Butler Petroleum LLC			
Address			
DESCRIPTION OF WELL AND LEASE			
Federal, State or Indian Lease Number, or if fee lease, name of lessor Santa Fe Pacific Railroad Company		Well number 28-1 SH NS	Elevation (ground) 5806
Nearest distance from proposed location to property or lease line: 452 feet		Distance from proposed location to nearest drilling, completed or applied-for well on the same lease: 1057 feet	
Number of acres in lease 662.68		Number of wells on lease, including this well, completed in or drilling to this reservoir: 5 (Eastern - Santa Fe #32 P&A)	
If lease purchased with one or more wells drilled, from whom purchased. Cimarex Energy Co.		Name 1700 Lincoln St., Suite 3700, Denver, CO 80203	
Well location (give footage from section lines) 1069' FSL - 452' FEL		Section - Township - Range or Block and Survey SEC. 28, T-20-N, R-27-E, G & SRM	
Field and reservoir (if wildcat, so state) Navajo Springs		Dedication per A.A.C. R12-7-104(A)(3) All 28-20N-27E	
Distance in miles and direction from nearest town or post office S 20° W, 6.5 MILES FROM CHAMBERS, AZ		County APACHE	
Proposed depth: 985'		Rotary or cable tools Rotary	
Bond status Filed		Approximate date work will start Upon Approval	
Amount \$50,000		Organization Report On file Yes Or attached Yes	
Filing Fee of \$25.00 Attached Yes		Remarks	
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the: Project Manager of the Ranger Development, LLC (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.			
Mail completed form to: Oil and Gas Program Administrator Arizona Oil & Gas Conservation Commission c/o Arizona Department of Environmental Quality 1110 W. Washington Street Phoenix, AZ 85007		Signature  Date 1/9/12	
e-mail completed form to: azogco@azdeq.gov		STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Application to Drill or Re-enter File two copies: one by mail, one electronically	
Permit / LTF No.: Approval Date: Approved By:		Form No. 3	
NOTICE: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.			

(Complete Reverse Side)

03/2018

1. Operator shall outline on the plat the acreage dedicated to the well in compliance with A.A.C. R12-7-107.
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3. ALL DISTANCES SHOWN ON THE PLAT MUST BE FROM THE OUTER BOUNDARIES OF THE SECTION.
4. Is the operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ☐
5. If the answer to question four is no, have the interests of all owners been consolidated by communitization agreement or otherwise?
YES ☐ NO ☐ If answer is yes, give type of consolidation _____
6. If the answer to question four is no, list all the owners and their respective interests below: _____

Owner	Land Description
<p>SECTION 28, TOWNSHIP 20 NORTH RANGE 27 EAST GILA & SALT RIVER MERIDIAN</p>	
	<p style="text-align: center;">CERTIFICATION</p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <p><i>[Signature]</i></p> <p>Name Tony Hines</p> <p>Position Project Manager</p> <p>Company Ranger Development LLC</p> <p>Date November 19, 2020</p>
<p>I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p> <p style="text-align: center;"><i>[Signature]</i></p> <p>Date Surveyed 11/19/2020</p> <p>Registered Land Surveyor YUKONICH</p> <p>Certificate No. 65918</p>	

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement	Type
10.75"	32.75#	J55	GL	60'	GL-60'	10	Prem. Light
7.00"	20.00#	J55	GL	790'	GL-790'	175	Prem. Light
4.50"	10.50#	J55	GL	985'	GL-985'	90	Prem. Light

Ranger Development LLC
 Ranger 28-1 SH NS
 1069' FSL & 452' FEL
 Sec. 28, T. 20 N., R. 27 E.
 Apache County, AZ

Area Topographic Map



Map Source: Arizona Oil and Gas Conservation Commission

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER			
APPLICATION TO DRILL <input checked="" type="checkbox"/>		RE-ENTER OLD WELL <input type="checkbox"/>	
INJECTION WELL <input type="checkbox"/>			
<input type="checkbox"/> OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> CO2 <input checked="" type="checkbox"/> HELIUM WELL OTHER <input type="checkbox"/>			
NAME OF COMPANY OR OPERATOR RANGER DEVELOPMENT LLC			
Address		City State Phone Number	
5001 LBJ Freeway, Suite 300		Dallas Texas 972-960-3210	
Drilling Contractor Butler Petroleum LLC			
Address			
DESCRIPTION OF WELL AND LEASE			
Federal, State or Indian Lease Number, or if fee lease, name of lessor Santa Fe Pacific Railroad Company		Well number Elevation (ground) 28-8 NS 5788	
Nearest distance from proposed location to property or lease line: 854 feet		Distance from proposed location to nearest drilling, completed or applied-for well on the same lease: 1057 feet	
Number of acres in lease 662.68		Number of wells on lease, including this well, completed in or drilling to this reservoir: 5 (Eastern - Santa Fe #32 P&A)	
If lease purchased with one or more wells drilled, from whom purchased.		Name Address Cimarex Energy Co. 1700 Lincoln St., Suite 3700, Denver, CO 80203	
Well location (give footage from section lines) 2055' FSL - 854' FEL		Section - Township - Range or Block and Survey SEC. 28, T-20-N, R-27-E, G & SRM	
Field and reservoir (if wildcat, so state) Navajo Springs		Dedication per A.A.C. R12-7-104(A)(3) All 28-20N-27E	
Distance in miles and direction from nearest town or post office		County APACHE	
S 21° W, 6.3 MILES FROM CHAMBERS, AZ			
Proposed depth: 985'		Rotary or cable tools Rotary	
Bond status Filed		Approximate date work will start Upon Approval	
Amount \$50,000		Organization Report Filing Fee of \$25.00	
		On file Yes Or attached Yes Attached Yes	
Remarks			
<p>CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the: <u>Project Manager</u> of the <u>Ranger Development, LLC</u> (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.</p> <p>Mail completed form to: Oil and Gas Program Administrator Arizona Oil & Gas Conservation Commission c/o Arizona Department of Environmental Quality 1110 W. Washington Street Phoenix, AZ 85007</p> <p>e-mail completed form to: azogcc@azdeq.gov</p>			
Permit / LTF No.: Approval Date: Approved By: NOTICE: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.		STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Application to Drill or Re-enter File two copies: one by mail, one electronically Form No. 3	

(Complete Reverse Side)

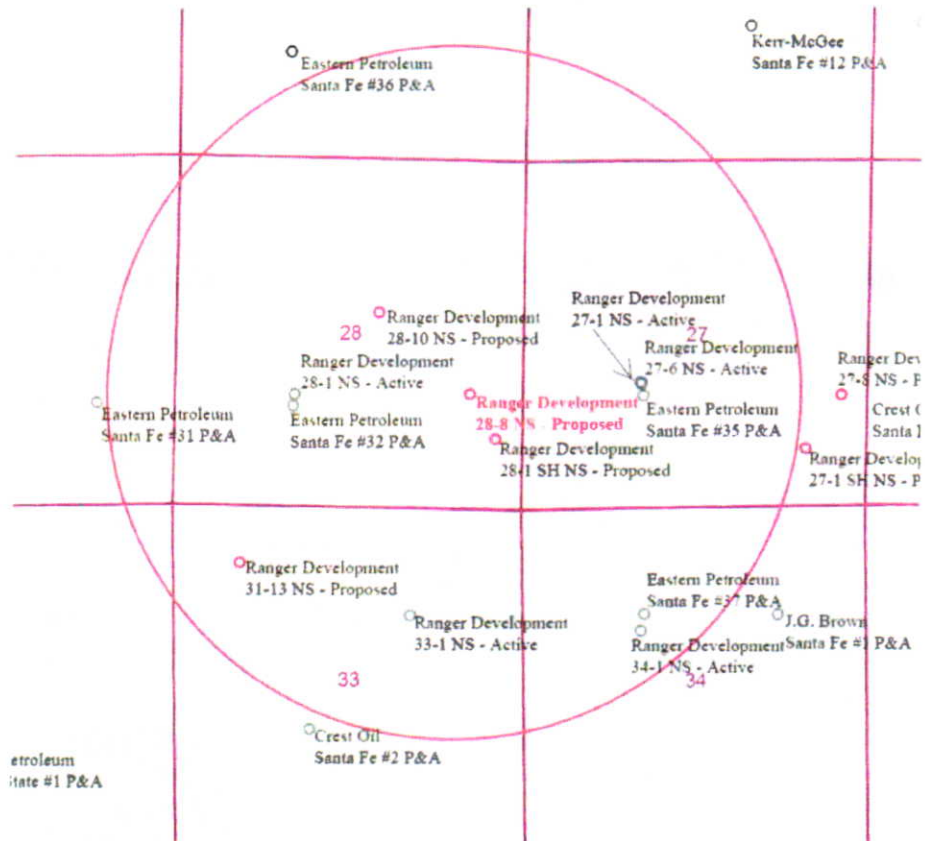
03/2018

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4. Is the operator the only owner in the dedicated acreage outlined on the plat below ? YES ☒ NO
5. If the answer to question four is no, have the interests of all owners been consolidated by communitization agreement or otherwise?
YES NO If answer is yes, give type of consolidation
6. If the answer to question four is no, list all the owners and their respective interests below:

Owner	Land Description																																
<p>SECTION 28, TOWNSHIP 20 NORTH RANGE 27 EAST GILA & SALT RIVER MERIDIAN</p>																																	
	<p style="text-align: center;">CERTIFICATION</p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <p><i>Tony Hines</i> Name Tony Hines Position Project Manager Company Ranger Development LLC Date November 19, 2020</p> <p>I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p> <p style="text-align: center;"> Date Surveyed 05/18/2020 JOHN A. YUKONICH Registered Land Surveyor Certificate No. 65918 </p>																																
<p>PROPOSED CASING PROGRAM</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Size of Casing</th> <th>Weight</th> <th>Grade & Type</th> <th>Top</th> <th>Bottom</th> <th>Cementing Depths</th> <th>Sacks Cement</th> <th>Type</th> </tr> </thead> <tbody> <tr> <td>10.75"</td> <td>32.75#</td> <td>J55</td> <td>GL</td> <td>60'</td> <td>GL-60'</td> <td>10</td> <td>Prem. Light</td> </tr> <tr> <td>7.00"</td> <td>20.00#</td> <td>J55</td> <td>GL</td> <td>790'</td> <td>GL-790'</td> <td>175</td> <td>Prem. Light</td> </tr> <tr> <td>4.50"</td> <td>10.50#</td> <td>J55</td> <td>GL</td> <td>985'</td> <td>GL-985'</td> <td>90</td> <td>Prem. Light</td> </tr> </tbody> </table>		Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement	Type	10.75"	32.75#	J55	GL	60'	GL-60'	10	Prem. Light	7.00"	20.00#	J55	GL	790'	GL-790'	175	Prem. Light	4.50"	10.50#	J55	GL	985'	GL-985'	90	Prem. Light
Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement	Type																										
10.75"	32.75#	J55	GL	60'	GL-60'	10	Prem. Light																										
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Ranger Development LLC
 Ranger 28-8 NS
 2055' FSL & 854' FEL
 Sec. 28, T. 20 N., R. 27 E.
 Apache County, AZ

Area Topographic Map



Map Source: Arizona Oil and Gas Conservation Commission

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER			
APPLICATION TO DRILL <input checked="" type="checkbox"/>		RE-ENTER OLD WELL <input type="checkbox"/>	
INJECTION WELL <input type="checkbox"/>			
<p> <input type="checkbox"/> OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> CO2 <input checked="" type="checkbox"/> HELIUM WELL OTHER <input type="checkbox"/> </p>			
NAME OF COMPANY OR OPERATOR			
RANGER DEVELOPMENT LLC			
Address		City	State Phone Number
5001 LBJ Freeway, Suite 300		Dallas	Texas 972-960-3210
Drilling Contractor			
Butler Petroleum LLC			
Address			
DESCRIPTION OF WELL AND LEASE			
Federal, State or Indian Lease Number, or if fee lease, name of lessor		Well number	Elevation (ground)
Santa Fe Pacific Railroad Company		28-10 NS	5722
Nearest distance from proposed location to property or lease line:		Distance from proposed location to nearest drilling, completed or applied-for well on the same lease:	
2186 feet		1677 feet	
Number of acres in lease		Number of wells on lease, including this well, completed in or drilling to this reservoir	
662.68		5 (Eastern - Santa Fe #32 P&A)	
If lease purchased with one or more wells drilled, from whom purchased.		Name Address	
		Cimarex Energy Co. 1700 Lincoln St., Suite 3700, Denver, CO 80203	
Well location (give footage from section lines)		Section - Township - Range or Block and Survey	Dedication per A.A.C. R12-7-104(A)(3)
2186' FNL - 2296' FEL		SEC. 28, T-20-N, R-27-E, G & SRM	All 28-20N-27E
Field and reservoir (if wildcat, so state)		County	
Navajo Springs		APACHE	
Distance in miles and direction from nearest town or post office			
985' S 22° W, 6 MILES FROM CHAMBERS, AZ			
Proposed depth:		Rotary or cable tools	Approximate date work will start
		Rotary	Upon Approval
Bond status	Filed	Organization Report	Filing Fee of \$25.00
Amount	\$50,000	On file Yes Or attached Yes	Attached Yes
Remarks			
<p>CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the: <u>Project Manager</u> of the <u>Ranger Development, LLC</u> (company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.</p>			
<p>Mail completed form to: Oil and Gas Program Administrator Arizona Oil & Gas Conservation Commission c/o Arizona Department of Environmental Quality 1110 W. Washington Street Phoenix, AZ 85007</p>			
<p>e-mail completed form to: azogcc@azdeg.gov</p>			
Permit / LTF No.:		STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Application to Drill or Re-enter File two copies: one by mail, one electronically Form No. 3	
Approval Date:			
Approved By:			
<p>NOTICE: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.</p>			

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03/2018

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YES ☐ NO ☐ If answer is yes, give type of consolidation
6. If the answer to question four is no, list all the owners and their respective interests below:

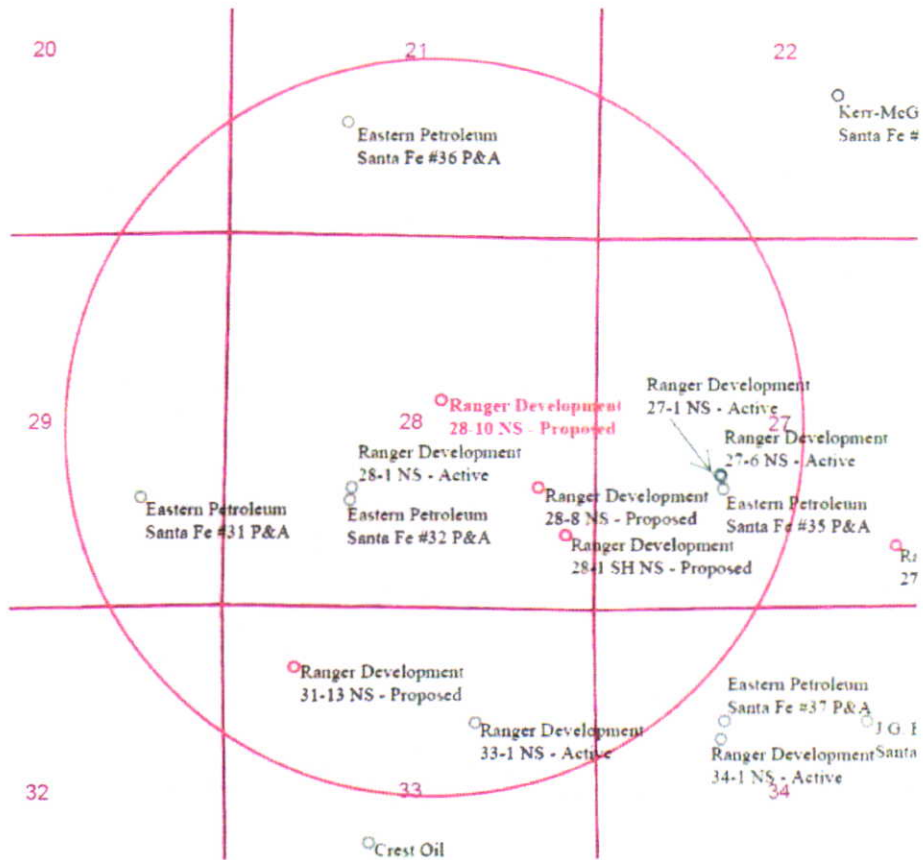
Owner	Land Description
CERTIFICATION I hereby certify that the information above is true and complete to the best of my knowledge and belief.	
Name: <u>Tony Hines</u>	
Position: <u>Project Manager</u>	
Company: <u>Ranger Development LLC</u>	
Date: <u>November 19, 2020</u>	
I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.	
Registered: <u>John A. Vukobratovich</u> 5/22/2020	
Certificate No. <u>65918</u>	

PROPOSED CASING PROGRAM

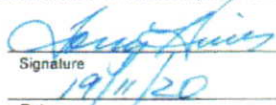
Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement	Type
10.75"	32.75#	J55	GL	60'	GL-60'	10	Prem. Light
7.00"	20.00#	J55	GL	790'	GL-790'	175	Prem. Light
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Ranger Development LLC
 Ranger 28-10 NS
 2186' FNL & 2296' FEL
 Sec. 28, T. 20 N., R. 27 E.
 Apache County, AZ

Area Topographic Map



Map Source: Arizona Oil and Gas Conservation Commission

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER			
APPLICATION TO DRILL <input checked="" type="checkbox"/>		RE-ENTER OLD WELL <input type="checkbox"/>	
OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> CO2 <input type="checkbox"/>		HELIUM WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	
NAME OF COMPANY OR OPERATOR RANGER DEVELOPMENT LLC			
Address	City	State	Phone Number
5001 LBJ Freeway, Suite 300	Dallas	Texas	972-960-3210
Drilling Contractor Butler Petroleum LLC			
Address			
DESCRIPTION OF WELL AND LEASE			
Federal, State or Indian Lease Number, or if fee lease, name of lessor Santa Fe Pacific Railroad Company		Well number 31-7	Elevation (ground) 5760
Nearest distance from proposed location to property or lease line 1424 feet		Distance from proposed location to nearest drilling, completed or applied-for well on the same lease 965 feet	
Number of acres in lease 627.60		Number of wells on lease, including this well, completed in or drilling to this reservoir 5 (Eastern - Santa Fe #1, #2, #13 P&A)	
If lease purchased with one or more wells drilled, from whom purchased			
Name Address Cimarex Energy Co. 1700 Lincoln St., Suite 3700, Denver, CO 80203			
Well location (give footage from section lines) 1424' FSL - 2072' FEL		Section - Township - Range or Block and Survey SEC. 31, T-20-N, R-27-E, G & SRM	
Dedication per A.A.C. R12-7-104(A)(3) All 31-20N-27E			
Field and reservoir (if wildcard, so state) Navajo Springs		County APACHE	
Distance in miles and direction from nearest town or post office S 32° W, 8 MILES FROM CHAMBERS, AZ			
Proposed depth: 1,085'		Rotary or cable tools Rotary	
Approximate date work will start Upon Approval		Bond status Filed	
Organization Report On file Yes Or attached Yes		Filing Fee of \$25.00 Attached Yes	
Amount \$50,000			
Remarks			
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Project Manager of the Ranger Development, LLC (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.			
Mail completed form to: Oil and Gas Program Administrator Arizona Oil & Gas Conservation Commission c/o Arizona Department of Environmental Quality 1110 W. Washington Street Phoenix, AZ 85007			
e-mail completed form to: azogcc@azdeq.gov			
Signature 		Date 12/11/20	
Permit / LTF No.:		Approval Date:	
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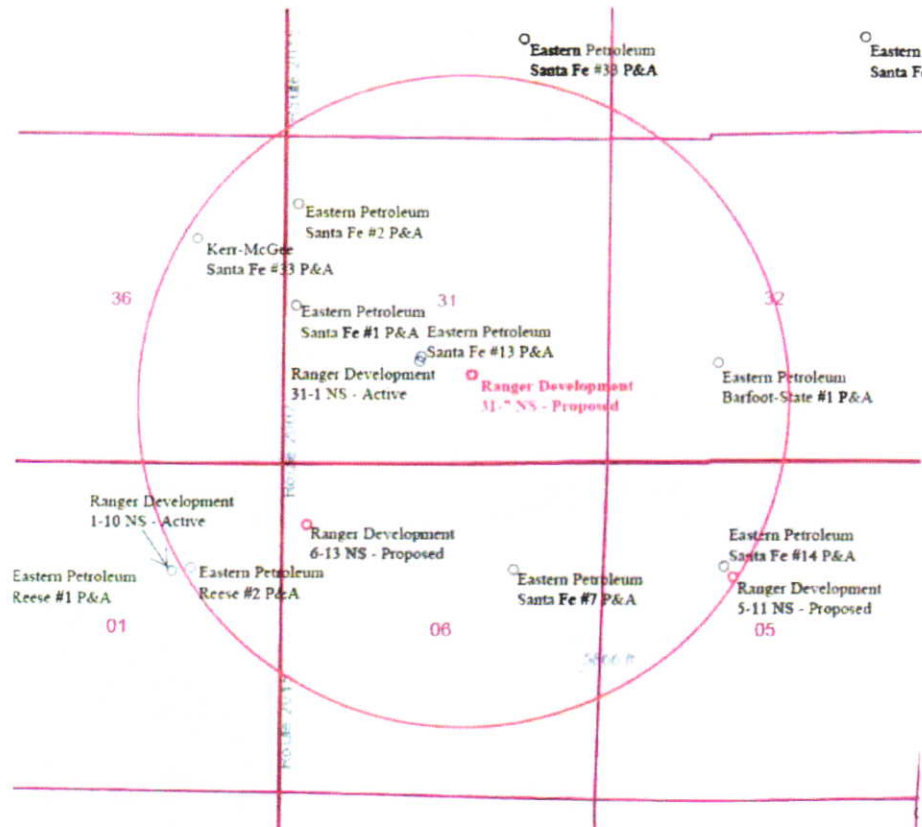
Owner	Land Description
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> </div> <div style="width: 35%;"> <p>CERTIFICATION</p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <p><i>Tony Hines</i></p> <p>Name: <u>Tony Hines</u></p> <p>Position: <u>Project Manager</u></p> <p>Company: <u>Ranger Development LLC</u></p> <p>Date: <u>November 19, 2020</u></p> <p>I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p> <p><i>John A. Hines</i></p> <p>Date Surveyed: <u>11/19/2020</u></p> <p>Registered Land Surveyor: <u>John A. Hines</u></p> <p>Certificate No. <u>65918</u></p> </div> </div>	

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement	Type
10.75"	32.75#	J55	GL	60'	GL-60'	10	Prem. Light
7.00"	20.00#	J55	GL	790'	GL-790'	175	Prem. Light
4.50"	10.50#	J55	GL	1,065'	GL-1,065'	90	Prem. Light

Ranger Development LLC
 Ranger 31-7 NS
 1424' FSL & 2072' FEL
 Sec. 31, T. 20 N., R. 27 E.
 Apache County, AZ

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APPLICATION TO DRILL <input checked="" type="checkbox"/>		RE-ENTER OLD WELL <input type="checkbox"/>	
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NAME OF COMPANY OR OPERATOR RANGER DEVELOPMENT LLC			
Address		City State Phone Number	
5001 LBJ Freeway, Suite 300		Dallas Texas 972-960-3210	
Drilling Contractor Butler Petroleum LLC			
Address			
DESCRIPTION OF WELL AND LEASE			
Federal, State or Indian Lease Number, or if fee lease, name of lessor Santa Fe Pacific Railroad Company		Well number Elevation (ground) 33-13 5728	
Nearest distance from proposed location to property or lease line: 829 feet		Distance from proposed location to nearest drilling, completed or applied-for well on the same lease: 2678 feet	
Number of acres in lease 640.00		Number of wells on lease, including this well, completed in or drilling to this reservoir: 3 (Crest - Santa Fe #2 P&A)	
If lease purchased with one or more wells drilled, from whom purchased.		Name Address Cimarex Energy Co. 1700 Lincoln St., Suite 3700, Denver, CO 80203	
Well location (give footage from section lines) 829' FNL - 997' FWL		Section - Township - Range or Block and Survey SEC. 33, T-20-N, R-27-E, G & SRM	
Field and reservoir (if wildcat, so state) Navajo Springs		Dedication per A.A.C. R12-7-104(A)(3) All 33-20N-27E	
County APACHE			
Distance in miles and direction from nearest town or post office S 22° W, 7 MILES FROM CHAMBERS, AZ			
Proposed depth: 985'		Rotary or cable tools Rotary	
Approximate date work will start Upon Approval			
Bond status Filed		Organization Report	
Amount \$50,000		On file Yes Or attached Yes	
Filing Fee of \$25.00 Attached		Yes	
Remarks			
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YES ☐ NO ☐ If answer is yes, give type of consolidation
6. If the answer to question four is no, list all the owners and their respective interests below:

Owner	Land Description
SECTION 33, TOWNSHIP 20 NORTH RANGE 27 EAST GILA & SALT RIVER MERIDIAN	
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p style="text-align: center;">CERTIFICATION</p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <p><i>Tony Hines</i></p> <p>Name: Tony Hines</p> <p>Position: Project Manager</p> <p>Company: Ranger Development LLC</p> <p>Date: November 19, 2020</p> </div> <div style="width: 35%;"> <p>I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p> <p style="text-align: center;"> </p> <p>John Wukon</p> <p>Registered Professional Surveyor ARIZONA, P.E.S.</p> <p>Certificate No. 65918</p> </div> </div>	

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement	Type
10.75"	32.75#	J55	GL	60'	GL-60'	10	Prem. Light
7.00"	20.00#	J55	GL	790'	GL-790'	175	Prem. Light
4.50"	10.50#	J55	GL	985'	GL-985'	90	Prem. Light

Ranger Development LLC
 Ranger 33-13 NS
 829' FNL & 997' FWL
 Sec. 33, T. 20 N., R. 27 E.
 Apache County, AZ

Area Topographic Map



APPLICATION FOR PERMIT TO DRILL OR RE-ENTER			
APPLICATION TO DRILL <input checked="" type="checkbox"/>		RE-ENTER OLD WELL <input type="checkbox"/>	
INJECTION WELL <input type="checkbox"/>			
<div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> CO2 <input checked="" type="checkbox"/> HELIUM WELL OTHER <input type="checkbox"/> </div>			
NAME OF COMPANY OR OPERATOR RANGER DEVELOPMENT LLC			
Address	City	State	Phone Number
5001 LBJ Freeway, Suite 300	Dallas	Texas	972-960-3210
Drilling Contractor Butler Petroleum LLC			
Address			
DESCRIPTION OF WELL AND LEASE			
Federal, State or Indian Lease Number, or if fee lease, name of lessor Santa Fe Pacific Railroad Company	Well number 6-13 NS	Elevation (ground) 5770	
Nearest distance from proposed location to property or lease line 468 feet	Distance from proposed location to nearest drilling, completed or applied-for well on the same lease 3160 feet		
Number of acres in lease 627.00	Number of wells on lease, including this well, completed in or drilling to this reservoir: 2 (Eastern - Santa Fe #7 P&A)		
If lease purchased with one or more wells drilled, from whom purchased:	Name Cimarex Energy Co.	Address 1700 Lincoln St., Suite 3700, Denver, CO 80203	
Well location (give footage from section lines) 887' FNL - 468' FWL	Section - Township - Range or Block and Survey SEC. 6, T-19-N, R-27-E, G & SRM	Dedication per A.A.C. R12-7-104(A)(3) All 6-19N-27E	
Field and reservoir (if wildcard, so state) Navajo Springs	County APACHE		
Distance in miles and direction from nearest town or post office S 33° W, 9 MILES FROM CHAMBERS, AZ			
Proposed depth: 985'	Rotary or cable tools Rotary	Approximate date work will start Upon Approval	
Bond status Filed	Organization Report On file Yes	Filing Fee of \$25.00 Attached Yes	
Amount \$50,000	Or attached Yes	Attached Yes	
Remarks			
<p>CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the: Project Manager of the Ranger Development, LLC (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.</p> <div style="display: flex; justify-content: space-between;"> <div> <p>Mail completed form to: Oil and Gas Program Administrator Arizona Oil & Gas Conservation Commission c/o Arizona Department of Environmental Quality 1110 W. Washington Street Phoenix, AZ 85007</p> <p>e-mail completed form to: azogcc@azdeq.gov</p> </div> <div style="text-align: right;"> <p> Signature 19/11/20 Date</p> </div> </div>			
Permit / LTF No.: Approval Date: Approved By: NOTICE: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.		<p>STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Application to Drill or Re-enter File two copies: one by mail, one electronically Form No. 3</p>	

(Complete Reverse Side)

03/2018

1. Operator shall outline on the plat the acreage dedicated to the well in compliance with A.A.C. R12-7-107.
2. A registered surveyor shall show on the plat the location of the well and certify this information in the space provided.
3. ALL DISTANCES SHOWN ON THE PLAT MUST BE FROM THE OUTER BOUNDARIES OF THE SECTION.
4. Is the operator the only owner in the dedicated acreage outlined on the plat below ? YES ☒ NO
5. If the answer to question four is no, have the interests of all owners been consolidated by communitization agreement or otherwise?
YES NO If answer is yes, give type of consolidation
6. If the answer to question four is no, list all the owners and their respective interests below:

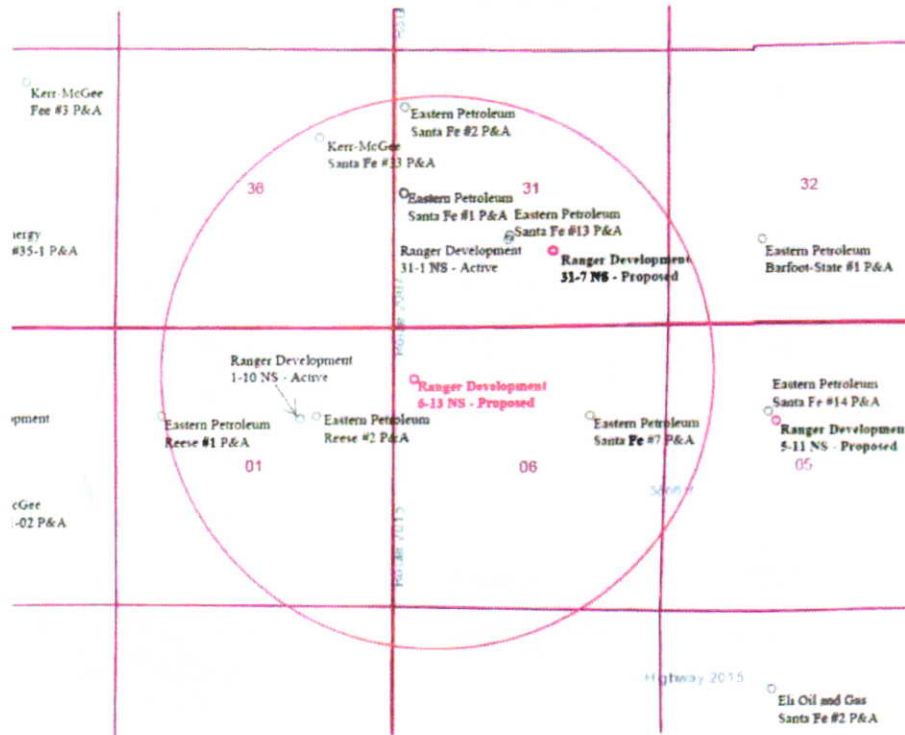
Owner	Land Description
<p style="text-align: center;">CERTIFICATION</p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <p><i>[Signature]</i></p> <p>Name: <u>Tony Hines</u> Position: <u>Project Manager</u> Company: <u>Ranger Development LLC</u> Date: <u>November 19, 2020</u></p>	
<p>I hereby certify that the well location shown on the plat was plotted from field notes of actual survey made by me or under my supervision and the same is true and correct to the best of my knowledge and belief.</p> <p><i>[Signature]</i></p> <p>JOHN VUKOBICH Date Surveyed: <u>11/19/2020</u> Registered Land Surveyor</p>	
<p>Certificate No. 65918</p>	

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement	Type
10.75"	32.75#	J55	GL	60'	GL-60'	10	Prem. Light
7.00"	20.00#	J55	GL	790'	GL-790'	175	Prem. Light
4.50"	10.50#	J55	GL	985'	GL-985'	90	Prem. Light

Ranger Development LLC
 Ranger 6-13 NS
 887' FNL & 468' FWL
 Sec. 6, T. 19 N., R. 27 E.
 Apache County, AZ

Area Topographic Map



Map Source: Arizona Oil and Gas Conservation Commission

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER			
APPLICATION TO DRILL <input checked="" type="checkbox"/>		RE-ENTER OLD WELL <input type="checkbox"/>	
INJECTION WELL <input type="checkbox"/>			
___ OIL	___ X GAS	___ CO2	___ X HELIUM WELL
OTHER _____			
NAME OF COMPANY OR OPERATOR RANGER DEVELOPMENT, LLC			
Address	City	State	Phone Number
5001 LBJ Freeway, Suite 300	Dallas	Texas	972-960-3210
Drilling Contractor Butler Petroleum LLC			
Address			
DESCRIPTION OF WELL AND LEASE			
Federal, State or Indian Lease Number, or if fee lease, name of lessor Santa Fe Pacific Railroad Company		Well number 5-11 NS	Elevation (ground) 5804
Nearest distance from proposed location to property or lease line 1691 feet		Distance from proposed location to nearest drilling, completed or applied-for well on the same lease 50 feet	
Number of acres in lease 638.40		Number of wells on lease, including this well, completed in or drilling to this reservoir: 2 (Eastern - Santa Fe #14 P&A)	
If lease purchased with one or more wells drilled, from whom purchased: <div style="display: flex; justify-content: space-between;"> Name Cimarex Energy Co. Address 1700 Lincoln St., Suite 3700, Denver, CO 80203 </div>			
Well location (give footage from section lines) 1691' FNL - 1696' FWL		Section - Township - Range or Block and Survey SEC. 5, T-19-N, R-27-E, G & SRM	
Field and reservoir (if wildcat, so state) Navajo Springs		Dedication per A.A.C. R12-7-104(A)(3) All 5-19N-27E	
County APACHE			
Distance in miles and direction from nearest town or post office S 26° W, 9 MILES FROM CHAMBERS, AZ			
Proposed depth: 1,085'		Rotary or cable tools Rotary	
Approximate date work will start Upon Approval			
Bond status Filed		Organization Report On file Yes Or attached Yes	
Amount \$50,000		Filing Fee of \$25.00 Attached Yes	
Remarks			
<p>CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Project Manager of the Ranger Development, LLC (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Mail completed form to: Oil and Gas Program Administrator Arizona Oil & Gas Conservation Commission c/o Arizona Department of Environmental Quality 1110 W. Washington Street Phoenix, AZ 85007</p> <p>e-mail completed form to: azogcc@azdeg.gov</p> </div> <div style="width: 45%; text-align: center;"> <p><i>[Signature]</i> Signature 12/11/20 Date</p> </div> </div>			
Permit / LTF No.: Approval Date: Approved By: NOTICE: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.		STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Application to Drill or Re-enter File two copies: one by mail, one electronically Form No. 3	

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03/2018

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3. ALL DISTANCES SHOWN ON THE PLAT MUST BE FROM THE OUTER BOUNDARIES OF THE SECTION.
4. Is the operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ☐
5. If the answer to question four is no, have the interests of all owners been consolidated by communitization agreement or otherwise?
YES ☐ NO ☐ If answer is yes, give type of consolidation _____
6. If the answer to question four is no, list all the owners and their respective interests below: _____

Owner	Land Description
<p style="text-align: center;">SECTION 5, TOWNSHIP 19 NORTH RANGE 27 EAST GILA & SALT RIVER MERIDIAN</p>	
<p style="text-align: center;">CERTIFICATION</p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <p>Name: <u>Tony Hines</u></p> <p>Position: <u>Project Manager</u></p> <p>Company: <u>Ranger Development LLC</u></p> <p>Date: <u>November 19, 2020</u></p> <p>I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.</p> <p style="text-align: center;"> </p> <p>Date Surveyed: <u>7/27/2020</u></p> <p>Registered Land Surveyor: <u>John A. Yukonich</u></p> <p>Certificate No. <u>85918</u></p>	

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement	Type
10.75"	32.75#	J55	GL	60'	GL-60'	10	Prem. Light
7.00"	20.00#	J55	GL	790'	GL-790'	175	Prem. Light
4.50"	10.50#	J55	GL	1,065'	GL-1,065'	90	Prem. Light

Ranger Development LLC
 Ranger 5-11 NS
 1691' FNL & 1696' FWL
 Sec. 5, T. 19 N., R. 27 E.
 Apache County, AZ

Area Topographic Map



Map Source: Arizona Oil and Gas Conservation Commission