Additional Information

Notice and casing update 4/17/20

Revised March 23, 2017

RECEIVED:	REVIEWER:	TYPE:	APP NO:

ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Geological & Engineering Bureau –
1220 South St. Francis Drive, Santa Fe, NM 87505

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: V-F Petroleum Inc. **OGRID Number:** 24010
Well Name: Guerrero 34 State 1 **API:** 30-015-30366
Pool: SWD; Devonian **Pool Code:** 96101

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

1) **TYPE OF APPLICATION:** Check those which apply for [A]
A. Location – Spacing Unit – Simultaneous Dedication
☐ NSL ☐ NSP (PROJECT AREA) ☐ NSP (PRORATION UNIT) ☐ SD

B. Check one only for [I] or [II]
[I] Commingling – Storage – Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
[II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery
☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR ☐ PPR

FOR OCD ONLY
☐ Notice Complete
☐ Application Content Complete

2) **NOTIFICATION REQUIRED TO:** Check those which apply.
A. ☒ Offset operators or lease holders
B. ☒ Royalty, overriding royalty owners, revenue owners
C. ☒ Application requires published notice
D. ☒ Notification and/or concurrent approval by SLO
E. ☐ Notification and/or concurrent approval by BLM
F. ☒ Surface owner
G. ☒ For all of the above, proof of notification or publication is attached, and/or,
H. ☐ No notice required

3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Brian Wood
Print or Type Name

Signature

8-15-19
Date

505-466-8120
Phone Number

brian@permitswest.com
e-mail Address

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance XXX Disposal _____ Storage
Application qualifies for administrative approval? XXX Yes _____ No

II. OPERATOR: V-F PETROLEUM INC.

ADDRESS: PO BOX 1889, MIDLAND TX 79702

CONTACT PARTY: BRIAN WOOD (PERMITS WEST, INC.) PHONE: 505 466-8120

III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? _____ Yes XXX No
If yes, give the Division order number authorizing the project: _____

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

Guerrero 34 State 1
30-015-30366
SWD; Devonian

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).

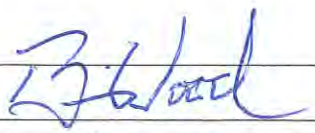
*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: BRIAN WOOD TITLE: CONSULTANT

SIGNATURE:  DATE: AUG. 13, 2019

E-MAIL ADDRESS: brian@permitswest.com

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: _____

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

(1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.

(2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.

(3) A description of the tubing to be used including its size, lining material, and setting depth.

(4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

(1) The name of the injection formation and, if applicable, the field or pool name.

(2) The injection interval and whether it is perforated or open-hole.

(3) State if the well was drilled for injection or, if not, the original purpose of the well.

(4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.

(5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

(1) The name, address, phone number, and contact party for the applicant;

(2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;

(3) The formation name and depth with expected maximum injection rates and pressures; and,

(4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

Side 1

INJECTION WELL DATA SHEET

OPERATOR: V-F PETROLEUM INC.

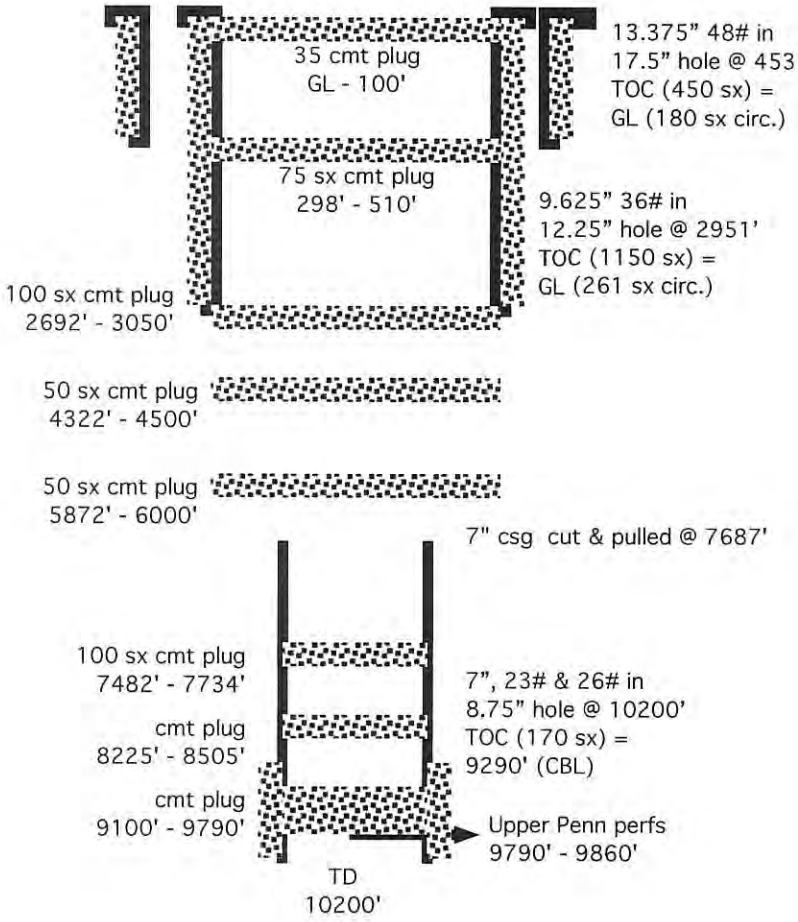
WELL NAME & NUMBER: GUERRERO 34 STATE 1

WELL LOCATION: SHL: 990 FSL & 330 FWL / BHL: 990 FSL & 480 FWL | M | 34 | 18 S | 28 E

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC

"As Is"



(not to scale)

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17.5" Casing Size: 13.375"

Cemented with: 450 sx. *or* _____ ft³

Top of Cement: SURFACE Method Determined: CIRC. 180 SX

Intermediate Casing

Hole Size: 12.25" Casing Size: 9.625"

Cemented with: 1150 sx. *or* _____ ft³

Top of Cement: SURFACE Method Determined: CIRC. 261 SX

Production Casing

Hole Size: 8.75" Casing Size: 7"

Cemented with: 170 sx. *or* _____ ft³

Top of Cement: 9290' Method Determined: CBL

Total Depth: 10,200'(now) & 14,000'(proposed TVD)

Injection Interval

6.125" 12,100 feet to 14,000'

~~(Perforated~~ or Open Hole; indicate which)

Side 1

INJECTION WELL DATA SHEET

OPERATOR: V-F PETROLEUM INC.

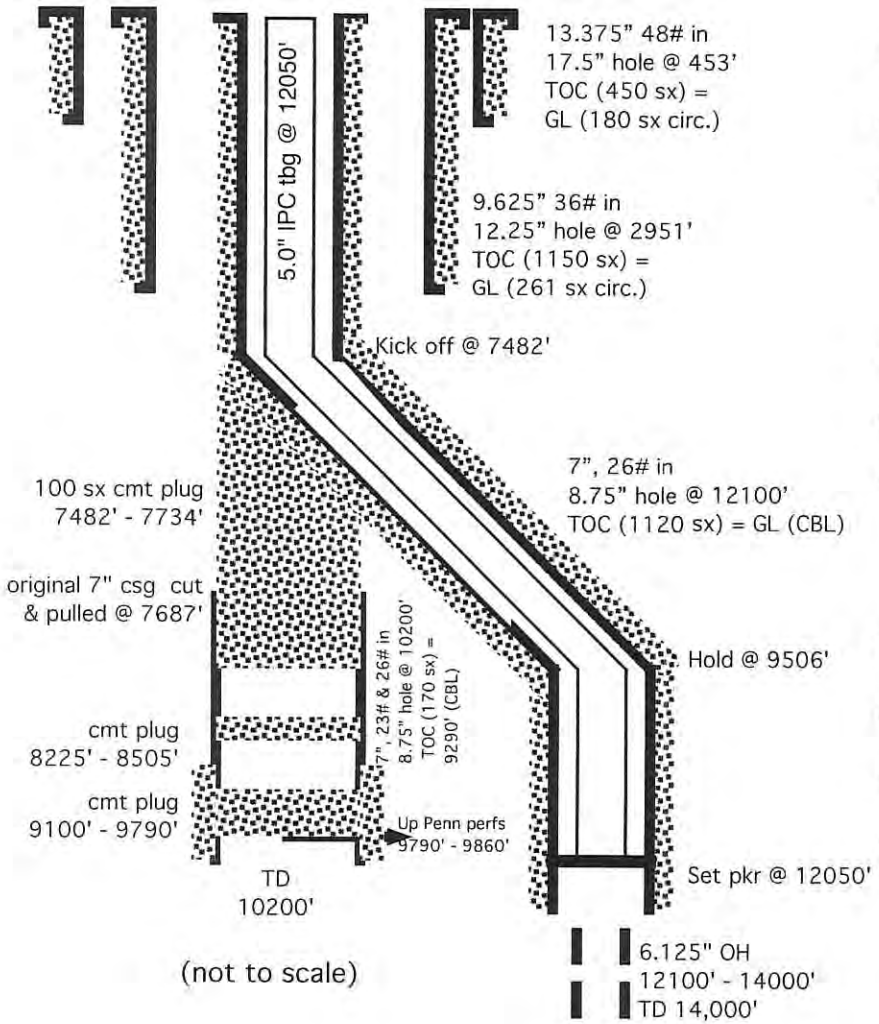
WELL NAME & NUMBER: GUERRERO 34 STATE 1

WELL LOCATION: SHL: 990 FSL & 330 FWL / BHL: 990 FSL & 480 FWL | M | 34 | 18 S | 28 E

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC

"Proposed"



(not to scale)

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17.5" Casing Size: 13.375"

Cemented with: 450 sx. *or* _____ ft³

Top of Cement: SURFACE Method Determined: CIRC. 180 SX

Intermediate Casing

Hole Size: 12.25" Casing Size: 9.625"

Cemented with: 1150 sx. *or* _____ ft³

Top of Cement: SURFACE Method Determined: CIRC. 261 SX

Production Casing

Hole Size: 8.75" Casing Size: 7"

Cemented with: 170 sx. *or* _____ ft³

Top of Cement: 9290' Method Determined: CBL

Total Depth: 10,200'(now) & 14,000'(proposed TVD)

Injection Interval

6.125" 12,100 feet to 14,000'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 5.0" Lining Material: IPC

Type of Packer: ARROW NICKEL PLATED 10,000# WP

Packer Setting Depth: ≈12,000'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? XXX Yes _____ No

   If no, for what purpose was the well originally drilled? _____

2. Name of the Injection Formation: DEVONIAN

3. Name of Field or Pool (if applicable): SWD;DEVONIAN (96101)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. YES

   UPPER PENN 9790' - 9860' (PLUG FROM 9100' TO 9790')

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____

   OVER: YATES (740'), SEVEN RIVERS (1000'), QUEEN (1677'), GRAYBURG (2000'), SAN ANDRES (2160'), BONE SPRING (3646'), WOLFCAMP (8511'), UP PENN (9762'), MORROW (10500')

   UNDER: NONE

I. Plan is to re-enter a 10,200' P&A well, drill out 5 plugs, kick-off at 7482', and directionally drill a 14,000' TVD (14,006' MD) SWD; Devonian (96101) commercial saltwater disposal well. Disposal will be from 12,100' to 14,000' in the Devonian. Well is on NMSLO surface and minerals. See Exhibit A for a USGS map and C-102 form.

II. Operator: V-F Petroleum Inc. (OGRID 24010)
Operator phone number: (432) 683-3344
Operator address: PO Box 1889, Midland TX 79702
Contact for Application: Brian Wood (Permits West, Inc.)
Phone: (505) 466-8120

III. A. (1) Lease: NMSLO lease X0-0647-0417
Lease Size: 5,173.42 acres
Closest Lease Line: 990'
Lease: W2, SWSE, & E2SE4 Section 34, T. 18 S., R. 28 E. et al

A. (2) Surface casing (13.375", 48#) is set at 453' in a 17.5" hole and cemented to GL with 450 sacks. Circulated 180 sacks.

Intermediate casing (9.625", 36#) is set at 2,951' in a 12.25" hole and cemented to GL with 1,150 sacks. Circulated 261 sacks.

Production casing (7", 26# & 23#, L-80) is set at 10,200' in an 8.75" hole and cemented to 9,290' (CBL) with 170 sacks in 1998. Casing was cut at 7,687' and pulled in 2004. Well was P&A in 2014.

V-F will drill out 5 plugs, kick-off at 7482', and drill an 8.75" hole to 12,100'. Casing (7", 26#, P-110) will be set there and cemented to GL with 1120 sacks.

A 6.125" hole will be drilled to 14,000' TVD (14,006' MD) and completed open hole in the Devonian from 12,100' to 14,000' TVD.

A. (3) Tubing (5.0", IPC) will be set @ ≈12,050'. (Disposal interval will be 12,100' - 14,000' TVD.)

A. (4) An Arrow 10,000# WP nickel-plated packer will be set @ ≈12,050' (or in any event, ≤100' above the top (12,100') of the open-hole.

B. (1) Disposal zone will be carbonates in the SWD; Devonian (NMOCD pool 96101). Estimated fracture gradient is ≈0.7 psi per foot.

B. (2) Disposal interval (12,100' to 14,000' TVD) will be open hole.

B. (3) Well was originally drilled and completed as an Upper Penn oil well.

B. (4) Perforated interval is 9790' - 9860' (Upper Penn). Those perforations are isolated behind a cement plug from 9,290' to 9,860'. Seven plugs are above that plug.

B. (5) Next higher oil or gas zone in the area of review is the Morrow. Deepest Morrow (or other) well in a 1-mile radius is 11,275'. Top of open hole will be 12,100'. There is no lower producing oil or gas zone in the area of review. Closest Devonian producer is >6 miles distant. Closest SWD; Devonian APD (30-015-32422) is >3.71 miles northwest.

IV. This is not an expansion of an existing injection project. It is disposal only.

V. Exhibit B shows and tabulates 55 wells (31 producers + 22 P&A + 1 WIW + 1 water) within a 1-mile radius. Exhibit C shows 256 existing wells (112 oil or gas + 130 P&A + 12 water injectors + 2 water) within a 2-mile radius.

Exhibit D maps and tabulates all operators (regardless of depth), leases, and lessors (only NMSLO) within a 1-mile radius. Exhibit E shows all leases (only NMSLO) within a 2-mile radius.

VI. None of the 55 wells within 1-mile penetrated the Devonian (≈12,060'). Deepest well (30-015-30395) within 1-mile went to 11,275' in the Morrow. It is 4,757' northeast in B-34-18s-28e.

VII. 1. Average injection rate will be ≈15,000 bwpd.
Maximum injection rate will be 25,000 bwpd.
2. System will be closed and open.
3. Average injection pressure will be ≈2000 psi. Maximum injection pressure will be 2420 psi (= 0.2 psi/foot x 12,100' (top of open hole)).
4. Water source will be produced water from Permian Basin wells. Exhibit F tabulates T. 18 S., R. 28 E. and T. 19 S., R. 28 & 29 E. analyses from New Mexico Produced Water Quality Database v.2. Sample from a Devonian P&A wildcat oil well (30-015-03537) well 8 miles ESE in M-1-19s-29e showed TDS at 29,011 mg/l. No compatibility problems have been reported from the closest (≈3.71 miles northwest) SWD; Devonian well (30-015-32422). A minimum 5,013,393 barrels have been disposed to date in 5 years of operation.
5. Closest Devonian producer (30-015-05614) is >6 miles northeast. Devonian water samples from Lea Unit 8 (30-025-02431) and Lea Unit 9 (30-025-02432) show:

Lea Unit Well	TDS (mg/L)	Chlorides (mg/L)	Sulfate (mg/L)
8	33,414	18,570	1,961
9	45,778	26,440	729

VIII. The Devonian is comprised of carbonates and is an estimated 1940' thick in this well. Closest possible underground source of drinking water above the

proposed disposal interval are the red beds from GL to ≈450'. Salt and anhydrite are below the red beds and >2 miles of separation between the bottom of the red beds and the top of the Devonian.

State Engineer records (Exhibit G) show 1 water well has been approved within a mile radius. Its approval expired in 1999 and the well was never drilled. No water well was found during a June 4, 2019 field inspection. Guerrero 34 State 1 is 6-1/4 miles northwest of the Capitan.

No underground source of drinking water is below the proposed disposal interval. Produced water is currently being injected in 44 wells (Grayburg, Queen, San Andres) and disposed in 12 wells (Abo, Canyon, Cisco, Devonian, Penn, Mississippian, San Andres, Wolfcamp) within 18s-28e.

Formation tops are:

Quaternary = 0'
Salado = 350'
Base salt = 600'
Yates = 740'
Seven Rivers = 1000'
Queen = 1677'
Grayburg = 2000'
San Andres = 2160'
Bone Spring = 3646'
Wolfcamp = 8511'
Cisco = 9302'
Canyon = 9531'
Strawn = 9762'
Atoka = 10,250'
Morrow = 10,450'
Devonian = 12,060'
Proposed Disposal Zone = 12100' - 14,000'
TD: 14,000'

IX. The well will be stimulated with acid to clean out scale or fill.

X. Seven logs are on file with NMOCD. CBL will be run if cement does not circulate to surface on the 7" in the directional portion of the well.

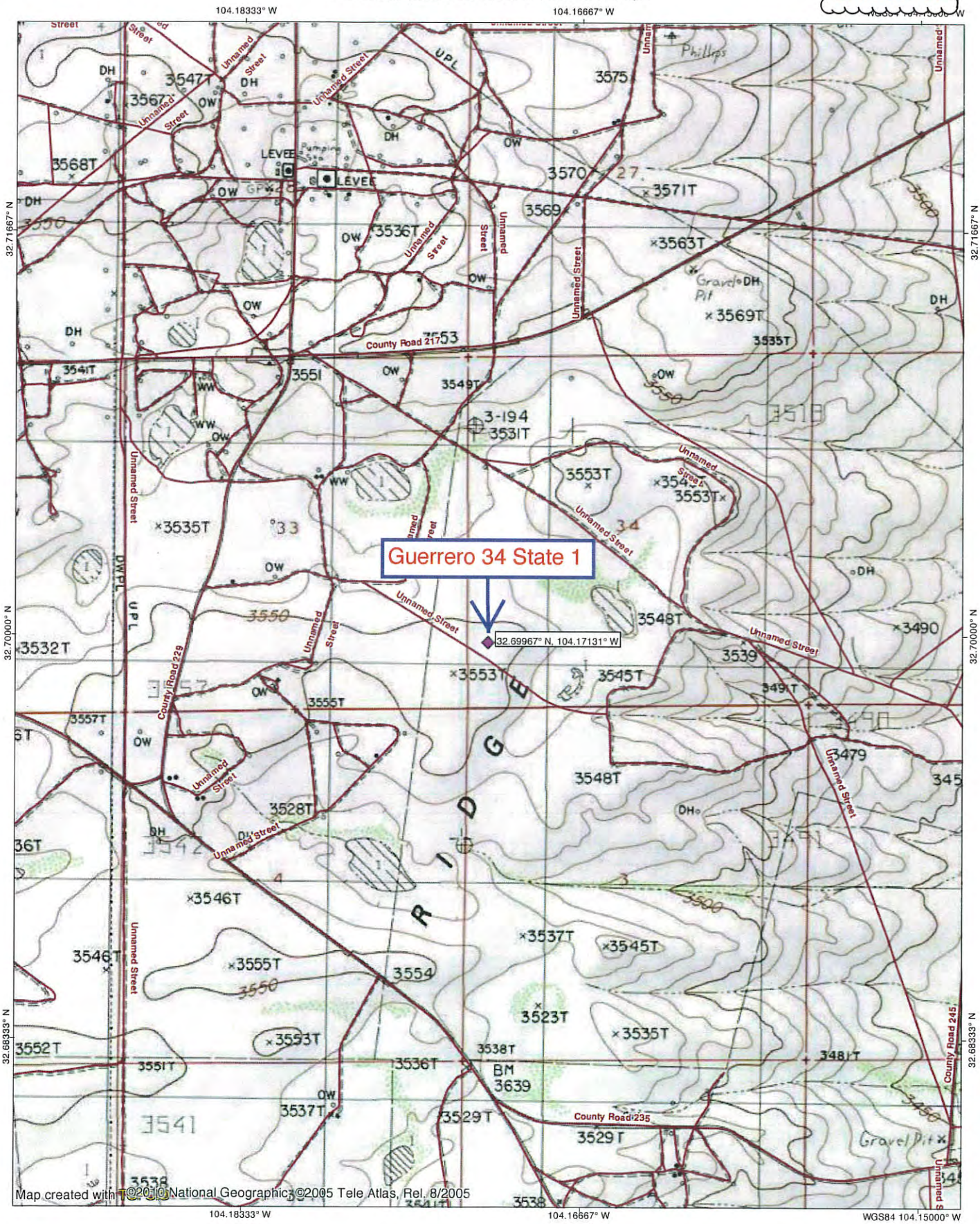
XI. One approved water well is within a mile. However, there is no State record that it was ever drilled. Nor was it found during a June 4, 2019 field inspection.

XII. V-F Petroleum Inc. is not aware of any geologic or engineering data that may indicate the Devonian is in hydrologic connection with any underground source of water. One-hundred fifty-five Devonian saltwater disposal wells are active in New Mexico. Closest Quaternary fault (Guadalupe) is ≈58 miles west (Exhibit H).

XIII. Legal ads (Exhibit I) were published in the Artesia and Carlsbad newspapers on June 26, 2019. Notice (this application) is being sent to the surface owner (NMSLO), only lessor (NMSLO), all oil and gas lessees (Apache, COG Operating, Hanagan & Hanagan, Marathon Oil, Marathon Oil Permian, Occidetal Permian, Alvrone Sater, Van P. Welch Estate, WPX Energy Permian), and all well operators regardless of depth (Apache, Devon, Finney, Forrest, Marathon Oil Permian, OXY USA WTP, Parrish, Vanguard, Welch), and other owners (Mewbourne, Permian Resource Holdings, ZPZ) within 1-mile (Exhibit J).

EXHIBIT A

TOPO! map printed on 08/05/19 from "Untitled.tpo"



NATIONAL GEOGRAPHIC

0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 miles
0.0 0.5 1.0 km

TN MN
7°
08/05/19

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
DISTRICT III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate District Office

☒ AMENDED REPORT

EXHIBIT A

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-30366	96101	SWD; Devonian

Property Code	Property Name	Well Number
	GUERRERO 34 STATE	1

OGRID No.	Operator Name	Elevation
24010	V-F PETROLEUM INC.	3566'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	34	18-S	28-E		990	SOUTH	329.4	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	34	18-S	28-E		990	SOUTH	480	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

GEODETIC COORDINATES
NAD 27 NME
SURFACE LOCATION
Y= 618248.4 N
X= 549996.1 E
LAT.=32.699558° N
LONG.=104.170807° W

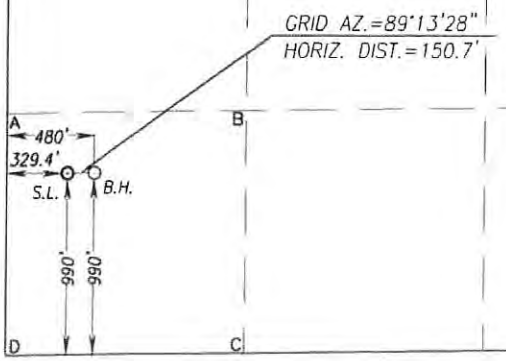
GEODETIC COORDINATES
NAD 83 NME
SURFACE LOCATION
Y= 618310.8 N
X= 591175.6 E
LAT.=32.699674° N
LONG.=104.171317° W

GEODETIC COORDINATES
NAD 27 NME
BOTTOM HOLE LOCATION
Y= 618250.4 N
X= 550146.7 E
LAT.=32.699563° N
LONG.=104.170317° W

GEODETIC COORDINATES
NAD 83 NME
BOTTOM HOLE LOCATION
Y= 618312.8 N
X= 591326.2 E
LAT.=32.699679° N
LONG.=104.170827° W

CORNER COORDINATES TABLE
NAD 27 NME
A - Y= 618575.9 N, X= 549666.6 E
B - Y= 618593.2 N, X= 550963.2 E
C - Y= 617271.3 N, X= 550962.3 E
D - Y= 617254.3 N, X= 549667.6 E

CORNER COORDINATES TABLE
NAD 83 NME
A - Y= 618638.3 N, X= 590846.1 E
B - Y= 618655.6 N, X= 592142.7 E
C - Y= 617333.7 N, X= 592141.8 E
D - Y= 617316.7 N, X= 590847.1 E



OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division

Eric Sprinkle 4/26/2019
Signature Date

Eric Sprinkle
Printed Name

eric@vfpetroleum.com
E-mail Address

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this 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 belief.

APRIL 8, 2019
Date of Survey

Signature & Seal of Professional Surveyor

RONALD J. EIDSON
NEW MEXICO
3239
REGISTERED PROFESSIONAL SURVEYOR

Ronald J Eidson 04/25/2019
Certificate Number Gary G. Eidson 12641
Ronald J. Eidson 3239

LSL JWSC W.O.: 19 11 0538

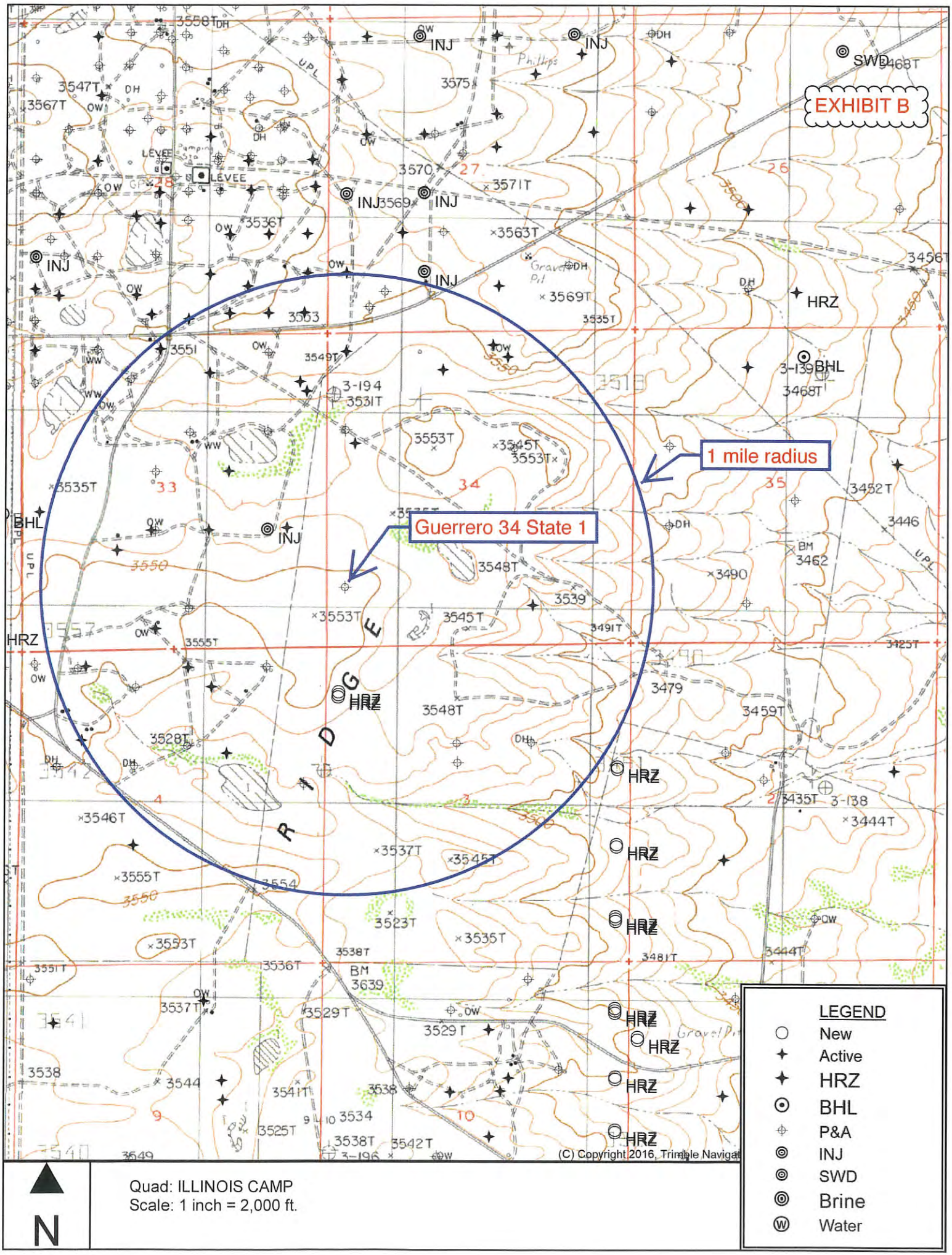


EXHIBIT B
1 mile radius
Guerrero 34 State 1
RIDGE
LEGEND
New
Active
HRZ
BHL
P&A
INJ
SWD
Brine
Water
N
Quad: ILLINOIS CAMP
Scale: 1 inch = 2,000 ft.
(C) Copyright 2016, Trimble Navigat

SORTED BY DISTANCE FROM GUERRERO 34 STATE 1

API	OPERATOR	WELL	STATUS	UNIT-SECTION	TVD	ZONE @ TD	FEET FROM GUERRERO 34 STATE 1
30-015-45815	Apache	Palmillo 3 State Com 356H	O	4-3	plan 7500	Bone Spring	1320
30-015-45802	Apache	Palmillo 3 State Com 244H	O	4-3	plan 7500	Bone Spring	1370
3001529890	Oxy USA WTP	James Buchanan 33 State 001	G	I-33	11130	Morrow	1411
3001510782	Finney Oil	State 647 AC 721 207	I	I-33	2824	San Andres	1647
3001510907	D.W. Berry	Lowe B. State 003	P&A	A-4	2520	San Andres	1878
30-015-45814	Apache	Palmillo 3 State Com 355H	O	4-3	plan 7500	Bone Spring	2230
3001530315	V-F Petroleum	Samuel Burns 34 State 002	O	E-34	9970	Upper Penn	2428
3001510084	Finney Oil	State 647 AC 721 199	O	J-33	2777	San Andres	2512
3001510891	SDX	State 647 AC 721 217	P&A	E-34	2861	San Andres	2646
3001510314	Breitburn	State 647 AC 721 201	P&A	O-33	2787	San Andres	2673
30-015-45801	Apache	Palmillo 3 State Com 243H	O	H-3	plan 7418	Bone Spring	2784
3001528993	Finney Oil	State 647 AC 711 131	O	G-33	2950	San Andres	2787
3001520532	Parrish, H Dwane & Rhonda K	Lowe B State 004	P&A	2-4	11052	Morrow	2817
3001502160	Quantum	State 647 AC 711 083	P&A	H-33	2905	San Andres	2940
3001510893	Parrish, H Dwane & Rhonda K	Lowe B State 001	O	2-4	2785	San Andres	2974
30-015-45813	Apache	Palmillo 3 State Com 354H	O	H-3	plan 7500	Bone Spring	3140
3001529375	V-F Petroleum	Scanlon Draw 34 State 001	G	O-34	11180	Morrow	3201
3001525914	Fred Pool	Avalon State 001	P&A	F-3	2148	Grayburg	3245
3001510898	Parrish, H Dwane & Rhonda K	Lowe A State 001	O	N-33	2778	San Andres	3259
3001521435	David C Collier	Kersey 001	P&A	K-33	1250	Seven Rivers	3334
3001529076	Finney Oil	State 647 AC 731 206	O	A-33	3000	San Andres	3362
3001502181	Flynn-Welch-Yates	State 080	P&A	H-4	2915	San Andres	3372
3001521484	Robert H Forrest Jr Oil LLC	Kersey 001Y	O	K-33	2822	San Andres	3411

EXHIBIT B

SORTED BY DISTANCE FROM GUERRERO 34 STATE 1

API	OPERATOR	WELL	STATUS	UNIT-SECTION	TVD	ZONE @ TD	FEET FROM GUERRERO 34 STATE 1
30-015-45815	Apache	Palmillo 3 State Com 356H	O	4-3	plan 7500	Bone Spring	1320
30-015-45802	Apache	Palmillo 3 State Com 244H	O	4-3	plan 7500	Bone Spring	1370
3001529890	Oxy USA WTP	James Buchanan 33 State 001	G	I-33	11130	Morrow	1411
3001510782	Finney Oil	State 647 AC 721 207	I	I-33	2824	San Andres	1647
3001510907	D.W. Berry	Lowe B. State 003	P&A	A-4	2520	San Andres	1878
30-015-45814	Apache	Palmillo 3 State Com 355H	O	4-3	plan 7500	Bone Spring	2230
3001530315	V-F Petroleum	Samuel Burns 34 State 002	O	E-34	9970	Upper Penn	2428
3001510084	Finney Oil	State 647 AC 721 199	O	J-33	2777	San Andres	2512
3001510891	SDX	State 647 AC 721 217	P&A	E-34	2861	San Andres	2646
3001510314	Breitburn	State 647 AC 721 201	P&A	O-33	2787	San Andres	2673
30-015-45801	Apache	Palmillo 3 State Com 243H	O	H-3	plan 7418	Bone Spring	2784
3001528993	Finney Oil	State 647 AC 711 131	O	G-33	2950	San Andres	2787
3001520532	Parrish, H Dwane & Rhonda K	Lowe B State 004	P&A	2-4	11052	Morrow	2817
3001502160	Quantum	State 647 AC 711 083	P&A	H-33	2905	San Andres	2940
3001510893	Parrish, H Dwane & Rhonda K	Lowe B State 001	O	2-4	2785	San Andres	2974
30-015-45813	Apache	Palmillo 3 State Com 354H	O	H-3	plan 7500	Bone Spring	3140
3001529375	V-F Petroleum	Scanlon Draw 34 State 001	G	O-34	11180	Morrow	3201
3001525914	Fred Pool	Avalon State 001	P&A	F-3	2148	Grayburg	3245
3001510898	Parrish, H Dwane & Rhonda K	Lowe A State 001	O	N-33	2778	San Andres	3259
3001521435	David C Collier	Kersey 001	P&A	K-33	1250	Seven Rivers	3334
3001529076	Finney Oil	State 647 AC 731 206	O	A-33	3000	San Andres	3362
3001502181	Flynn-Welch-Yates	State 080	P&A	H-4	2915	San Andres	3372

SORTED BY DISTANCE FROM GUERRERO 34 STATE 1

API	OPERATOR	WELL	STATUS	UNIT-SECTION	TVD	ZONE @ TD	FEET FROM GUERRERO 34 STATE 1
3001521484	Robert H Forrest Jr Oil LLC	Kersey 001Y	O	K-33	2822	San Andres	3411
3001530060	V-F Petroleum	Henry Courtman 4 State Com 001	G	G-4	11115	Morrow	3432
3001528528	Maralo	Millman 3 State 001	P&A	F-3	11148	Morrow	3526
3001530322	Oxy USA WTP	James Buchanan 33 State 002	O	A-33	9753	Upper Penn	3541
3001522976	Hanagan	Shamrock 001	P&A	G-34	11205	Morrow	3707
3001502162	Depco	State 647 AC 711 085	P&A	G-33	2645	San Andres	3716
3001502161	Kersey & Co	Yates 006	P&A	F-33	2750	San Andres	3739
3001510905	D.W. Berry	Lowe B. State 002	P&A	G-4	2774	San Andres	3769
3001530566	V-F Petroleum	Walker State 001	G	K-33	11050	Morrow	3904
3001502178	EOG Y	MRY State 001	P&A	3-4	2690	San Andres	3905
3001502168	Finney Oil	State 647 AC 711 090	O	D-34	2901	San Andres	3966
3001530159	V-F Petroleum	Samuel Burns 34 State 001	G	C-34	11114	Morrow	4019
30-015-45812	Apache	Palmillo 3 State Com 353H	O	I-3	plan 7500	Bone Spring	4050
3001502175	Stanolind	State AI 001	P&A	G-3	11150	Morrow	4099
3001510540	Melrose	State 647 AC 731 205	P&A	A-33	2810	San Andres	4162
30-015-45800	Apache	Palmillo 3 State 242H	O	I-3	plan 7451	Bone Spring	4197
3001510538	Finney Oil	State 647 AC 731 204	O	B-33	2792	San Andres	4282
3001502177	Vanguard	Mesa State 002	P&A	4-4	730	Yates	4582
3001510803	Depco	State 648 209	P&A	F-4	2835	San Andres	4641
3001524483	Robert H Forrest Jr Oil LLC	Toomey Allen 011	O	P-28	2850	San Andres	4670
3001502179	Yates	Mesa ST 002	P&A	D-4	2788	San Andres	4717
3001530279	Oxy USA WTP	David Crockett 27 State 003	P&A	M-27	9870	Upper Penn	4734
3001530395	V-F Petroleum	Samuel Burns 34 State 003	O	B-34	11275	Morrow	4757

EXHIBIT B

SORTED BY DISTANCE FROM GUERRERO 34 STATE 1

API	OPERATOR	WELL	STATUS	UNIT-SECTION	TVD	ZONE @ TD	FEET FROM GUERRERO 34 STATE 1
3001502167	Elmira T Welch	Cheesman 002	O	B-34	2340	Grayburg	4780
3001524260	Robert H Forrest Jr Oil LLC	Toomey Allen 010	O	P-28	2900	San Andres	4793
30-015-45811	Apache	Palmillo 3 State Com 352H	O	P-3	plan 7500	Bone Spring	4960
3001524448	Finney Oil	Toomey Allen 017	O	O-28	2850	San Andres	5007
3001529078	Breitburn	State 647 AC 711 132	P&A	M-27	3050	San Andres	5010
3001502159	Smith & Marrs	Yates 005	P&A	C-33	2759	San Andres	5035
3001502166	Finney Oil	Yates 004	O	C-33	2110	Queen	5077
3001534745	V-F Petroleum	Oxy Senita State 001	G	E-4	11220	Morrow	5152
3001502100	Finney	Toomey Allen 007	O	O-28	2750	San Andres	5241

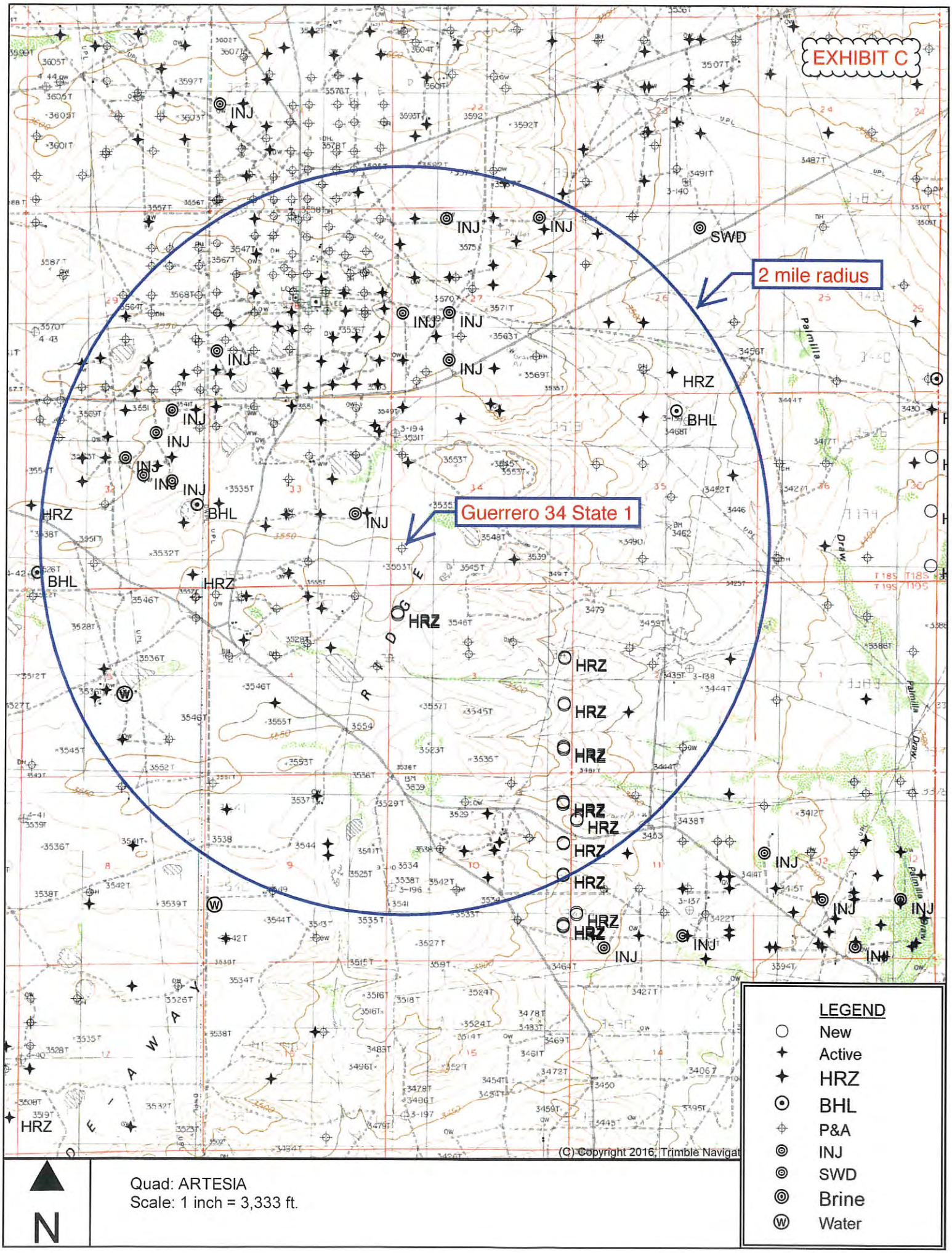
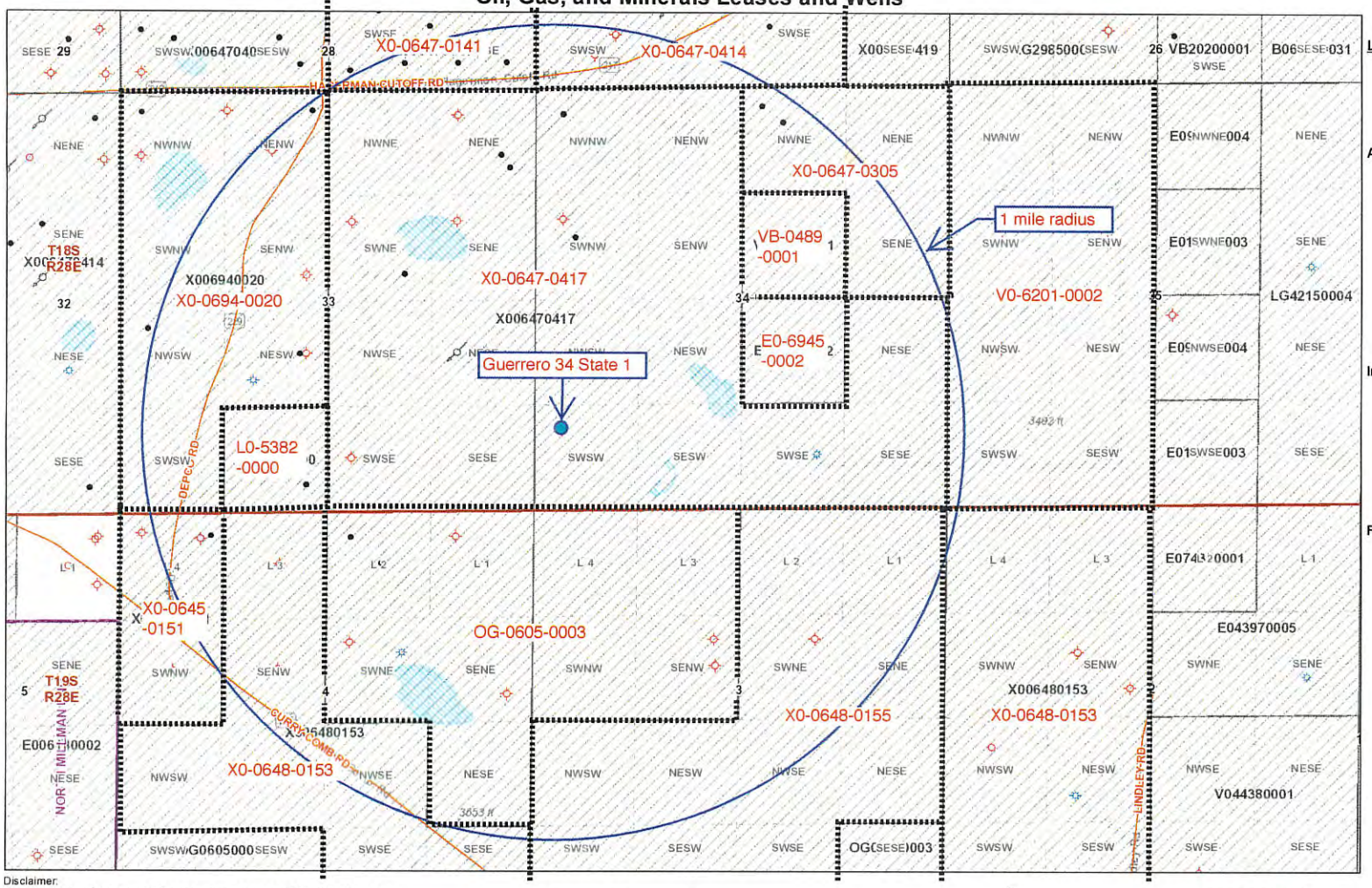


EXHIBIT C
2 mile radius
Guerrero 34 State 1
LEGEND
New
Active
HRZ
BHL
P&A
INJ
SWD
Brine
Water
Quad: ARTESIA
Scale: 1 inch = 3,333 ft.
N
(C) Copyright 2016, Trimble Navigat

New Mexico State Land Office

EXHIBIT D

Oil, Gas, and Minerals Leases and Wells



Legend

- Townships
- Sections
- Subdivisions

Active Wells

- Water Storage
- Miscellaneous
- Salt Water Disposal
- Injection
- Carbon Dioxide
- Gas
- Oil

Inactive Wells

- Plugged / Dry / Abandoned
- Cancelled / Not Drilled

- Detailed Roads
- Unit Agreement Boundaries
- Oil and Gas Leases

Federal Minerals Ownership

- All Minerals
- Coal Only
- Oil and Gas Only
- Oil, Gas and Coal Only
- Other Minerals

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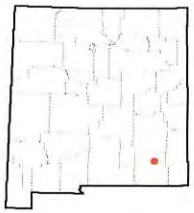
0 0.2 0.4 0.8 mi

0 0.35 0.7 1.4 km

N

EXHIBIT D

Map Created: 8/6/2019



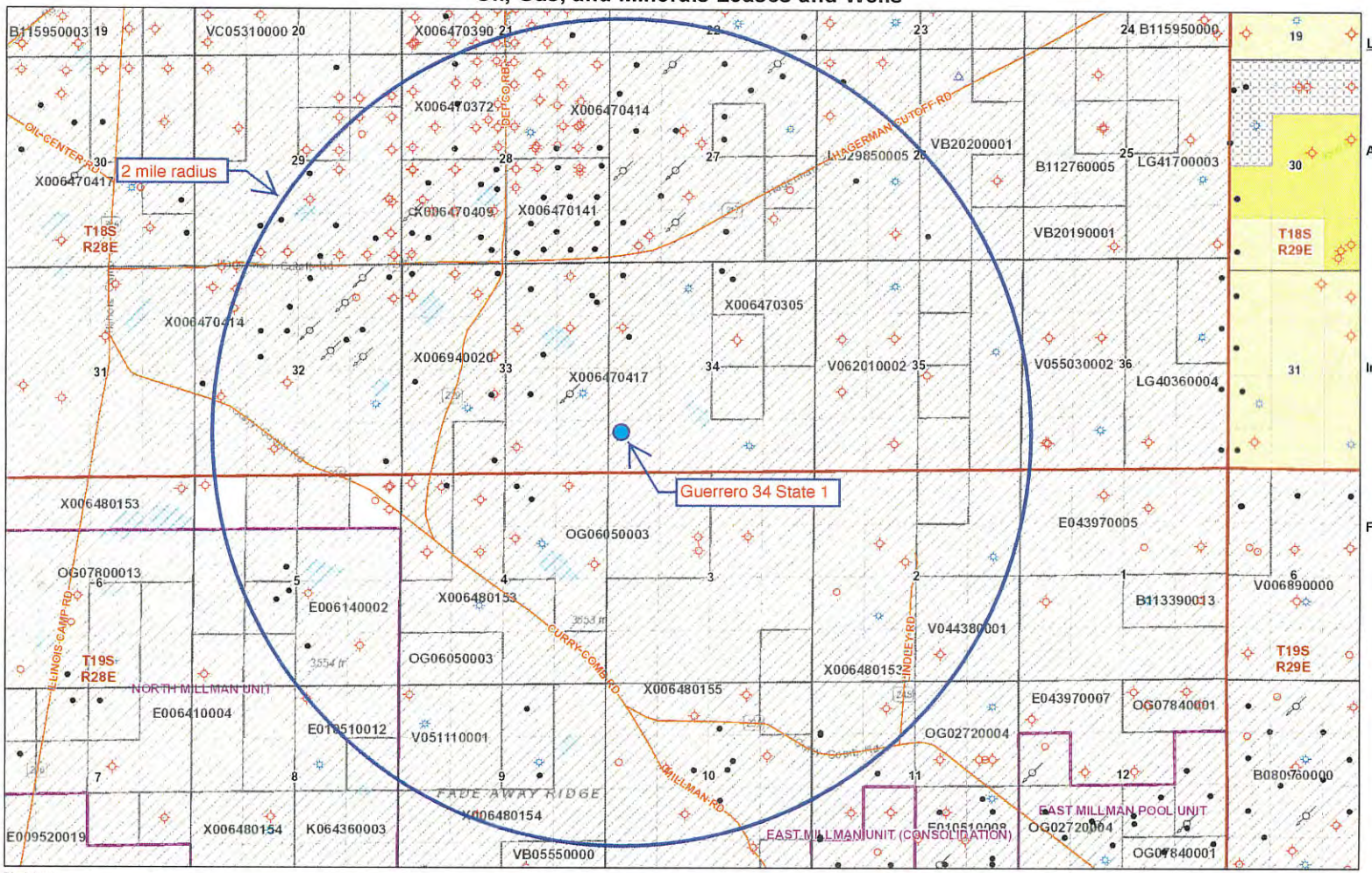
GUERRERO 34 STATE 1 AREA OF REVIEW LEASES

Aliquot Parts in Area of Review	Lease (all NMSLO)	Lessee(s) of Record	Operators (all shallower than Devonian)
T. 18 S., R 28 E.			
S2SW4 & SWSE Sec. 27	X0-0647-0414	WPX Energy Permian	Devon & Finney
S2SE4 Sec. 28	X0-0647-0141	Marathon Oil	Finney & Forrest
NW4, N2SW4, SWSW Sec. 33	X0-0694-0020	Alvrone Sater	Finney, Forrest, Parrish, & V-F
SESW Sec. 33	L0-5382-0000	Hanagan & Hanagan	Parrish & V-F
E2 Sec. 33	X0-0647-0417	WPX Energy Permian	Finney & OXY USA WTP
N2NE4 & SENE Sec. 34	X0-0647-0305	Van P Welch Estate	V-F & Welch
W2, SWSE, & E2SE4 Sec. 34	X0-0647-0417	WPX Energy Permian	Finney & V-F
SWNE Sec. 34	VB-0489-0001	Marathon Oil	N/A
NWSE Sec. 34	E0-6945-0002	Occidental Permian	V-F
W2SW4 Sec. 35	V0-6201-0002	Marathon Oil Permian	Marathon Oil Permian
T. 19 S., R. 28 E.			
NWNW Sec. 2	X0-0648-0153	WPX Energy Permian	N/A
NE4, N2S2, S2SW4 Sec. 3	X0-0648-0155	Apache	Apache
NW4 Sec. 3	OG-0605-0003	COG Operating	Apache
NE4 & NESE Sec. 4	OG-0605-0003	COG Operating	Parrish & V-F
E2NW4, NESW, NWSE, & SESE Sec. 4	X0-0648-0153	WPX Energy Permian	OXY USA WTP & V-F
W2NW4 Sec. 4	X0-0645-0151	COG Operating	Grizzly & V-F

New Mexico State Land Office

EXHIBIT E

Oil, Gas, and Minerals Leases and Wells



Legend

- Townships
- Sections
- Subdivisions

Active Wells

- Water Storage
- Miscellaneous
- Salt Water Disposal
- Injection
- Carbon Dioxide
- Gas
- Oil

Inactive Wells

- Plugged / Dry / Abandoned
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0 0.4 0.8 1.6 mi

0 0.5 1 2 km

N

EXHIBIT E

Map Created: 8/6/2019

All Constituents in mg/l

API	Section	Township	Range	Formation	TDS	Na	Ca	Fe	Mg	CL	HCO3	SO4
3001502587	4	18S	28E	Abo	30713					15340	1882	2148
3001502587	4	18S	28E	Abo	31644					15780	1988	2214
3001502587	4	18S	28E	Abo	30668					15370	1873	2138
3001502588	4	18S	28E	Abo	31951					16990	2007	2140
3001502627	6	18S	28E	Abo	57541					30850	2192	2899
3001501767	1	18S	28E	Artesia	263556					163000	195	750
3001502638	8	18S	28E	Artesia	202816					125400	71	798
3001528247	10	18S	28E	Artesia	127116	45317	4842	5	1826	82349	339	2810
3001501815	10	18S	28E	Artesia	118021	40427	5272	5	1930	76031	381	2580
3001523225	10	18S	28E	Artesia	117316	45547	2198	5	509	71949	896	4933
3001528244	10	18S	28E	Artesia	25243	7612	1394	5	419	14356	317	1435
3001528010	11	18S	28E	Artesia	142761	54662	3684	14	1229	91856	273	4149
3001528010	11	18S	28E	Artesia	136939	50918	4398	5	1464	88451	206	3698
3001501946	19	18S	28E	Artesia	54350	25400	820	0	1230	49600	355	4210
3001501947	19	18S	28E	Artesia	30610	6049	380		576	29600	520	490
3001501940	19	18S	28E	Artesia	127650	2850	4000	0	7500	115000		
3001501940	19	18S	28E	Artesia	117200	2800	4000	0	9200	103800	48	160
3001501946	19	18S	28E	Artesia	180950	108123	770	1	4080	175000	56	600
3001501941	19	18S	28E	Artesia	12900	7222	240	0	440	12000	200	150
3001501965	19	18S	28E	Artesia	19950	11684	336	0	464	19500	344	175
3001501965	19	18S	28E	Artesia	15275	8464	288	1	552	15000	252	18
3001501942	19	18S	28E	Artesia	249200					146800	0	5974
3001501965	19	18S	28E	Artesia	17650	10695	208	1	192	17000	160	140
3001501943	19	18S	28E	Artesia	113668	69644	2080	0	0	108000	836	3600
3001501946	19	18S	28E	Artesia	89448	26772	2040	0	0	42500	344	2880
3001501951	19	18S	28E	Artesia	52225	30159	2100	0	0	48000	310	2750
3001501954	19	18S	28E	Artesia	132104	81714	2440	0	0	128000	240	2400
3001501964	19	18S	28E	Artesia	97692	59340	2160	0	0	92000	952	3840
3001509142	19	18S	28E	Artesia	59540	34983	1920	0	0	54500	460	3360
3001502022	23	18S	28E	Artesia	100680	29466	2765	525	4671	66957	255	193

EXHIBIT F

All Constituents in mg/l

API	Section	Township	Range	Formation	TDS	Na	Ca	Fe	Mg	CL	HCO3	SO4
3001502113	29	18S	28E	Artesia	38950		13620	####	8750	12400	400	3750
3001502142	30	18S	28E	Artesia						44000		
3001502138	30	18S	28E	Artesia	28300	2100	2960	0	7640	17400	650	1750
3001502139	30	18S	28E	Artesia	14975		2400	0	5400	7000	48	150
3001502138	30	18S	28E	Artesia	16500		440	0	760	15000	300	175
3001502138	30	18S	28E	Artesia	12175	6049	336	0	524	11000	520	192
3001502142	30	18S	28E	Artesia	43700	25530	450	2	1110	43000	160	450
3001502142	30	18S	28E	Artesia	43700	25530	448	2	1112	43000	140	450
3001502142	30	18S	28E	Artesia	17750	7890	376		664	17500	112	450
3001502142	30	18S	28E	Artesia	10650	5819	340	0	460	10000	160	450
3001502142	30	18S	28E	Artesia	9750	5037	360	2	520	9500	160	375
3001502132	30	18S	28E	Artesia	12850	7084	480	0	420	12600	420	200
3001502142	30	18S	28E	Artesia	12750	6417	440	0	500	11750	420	250
3001521866	30	18S	28E	Artesia	38950	21321	480	0	1260	37000	316	325
3001502135	30	18S	28E	Artesia	126534		10880	0	34320	79000	284	2250
3001502132	30	18S	28E	Artesia	22220	11477	1720	0	0	18500	488	2520
3001502139	30	18S	28E	Artesia	30128	16698	1520	0	0	26000	452	2880
3001502166	33	18S	28E	Artesia	80632					45800	610	3750
3001502178	4	19S	28E	Artesia	140946					85640	450	2229
3001502226	12	19S	28E	Artesia	100179					59426	1088	1050
3001502239	13	19S	28E	Artesia	122436					71810	1000	2404
3001510105	13	19S	28E	Artesia	113098					64800	1728	4104
3001502302	25	19S	28E	Artesia	66858					39750	1154	262
3001503554	3	19S	29E	Artesia	6605					1933	246	2296
3001503555	3	19S	29E	Artesia	5776					1926	184	1846
3001503563	5	19S	29E	Artesia	200307					118800	1641	2853
3001503597	18	19S	29E	Artesia	76473					43850	1260	2424
3001503615	34	19S	29E	Artesia	51629					25250	1964	6000
3001503615	34	19S	29E	Artesia	152978					82800	183	11900
3001503615	34	19S	29E	Artesia	66591					35200	1365	5200

EXHIBIT F

All Constituents in mg/l

API	Section	Township	Range	Formation	TDS	Na	Ca	Fe	Mg	CL	HCO3	SO4
3001510329	36	19S	29E	Artesia	43392					20700	1428	5589
3001503612	32	19S	29E	Bone Spring	33760					15600	290	5500
3001540781	12	19S	29E	Bone Spring 1 Ss	213636	79761	3295	22	662	127089		481
3001540779	12	19S	29E	Bone Spring 1 Ss	210479	78858	3619	17	723	124000	488	639
3001540780	12	19S	29E	Bone Spring 1 Ss		93423	5621	0	1224	157841	415	470
3001540779	12	19S	29E	Bone Spring 1 Ss		94968	3407	3	730	155973	659	480
3001540780	12	19S	29E	Bone Spring 1 Ss		90194	3568	0	718	149598	244	420
3001540781	12	19S	29E	Bone Spring 1 Ss	208284	75251	3375	18	677	126406		488
3001540587	20	19S	29E	Bone Spring 1 Ss	220041	82296	3071	19	678	131023		709
3001540511	20	19S	29E	Bone Spring 1 Ss		79272	3440	21	664	131794	366	500
3001540591	20	19S	29E	Bone Spring 1 Ss		68603	10342	23	1757	130837	73	800
3001540591	20	19S	29E	Bone Spring 1 Ss		104490	5604	21	1237	175022	964	490
3001540511	20	19S	29E	Bone Spring 1 Ss		91931	5555	20	1182	155717	439	470
3001540512	21	19S	29E	Bone Spring 1 Ss		101408	3045	12	671	162925	549	290
3001540512	21	19S	29E	Bone Spring 1 Ss	167727	59396	2871	16	546	102000	317	748
3001540513	21	19S	29E	Bone Spring 1 Ss	214315	74061	3014	60	687	133469	366	0
3001541014	21	19S	29E	Bone Spring 1 Ss		86063	5256	27	1154	145983	488	490
3001540512	21	19S	29E	Bone Spring 1 Ss		85156	5652	21	1173	145584	476	510
3001541007	21	19S	29E	Bone Spring 1 Ss	202394	71386	3167	66	688	124677		552
3001541014	21	19S	29E	Bone Spring 1 Ss	204994	71291	3070	33	665	127550		545
3001540822	22	19S	29E	Bone Spring 1 Ss	208209	71859	3449	40	701	129492		622
3001540822	22	19S	29E	Bone Spring 1 Ss	209470	75384	3145	35	658	127594		557
3001541008	22	19S	29E	Bone Spring 1 Ss		86589	5601	51	1217	147547	537	510
3001540822	22	19S	29E	Bone Spring 1 Ss		95292	3405	14	671	156438	342	440
3001541008	22	19S	29E	Bone Spring 1 Ss		96553	3472	11	698	158477	550	440
3001540289	27	19S	29E	Bone Spring 1 Ss	205841	75826	2827	98	580	123798		504
3001540508	27	19S	29E	Bone Spring 1 Ss	209710	72736	3012	71	575	130499	305	0
3001540289	27	19S	29E	Bone Spring 1 Ss		103455	3590	21	706	170216	378	400
3001540508	27	19S	29E	Bone Spring 1 Ss		85353	3256	28	620	141209	366	360
3001540583	27	19S	29E	Bone Spring 1 Ss		94174	3444	25	695	155343	305	420

EXHIBIT F

All Constituents in mg/l

API	Section	Township	Range	Formation	TDS	Na	Ca	Fe	Mg	CL	HCO3	SO4
3001540507	27	19S	29E	Bone Spring 1 Ss	194044	69009	2891	47	594	119143		546
3001540583	27	19S	29E	Bone Spring 1 Ss	207101	72181	3108	45	663	128420		785
3001540509	28	19S	29E	Bone Spring 1 Ss	208768	75798	3376	73	684	126019		536
3001540135	28	19S	29E	Bone Spring 1 Ss	216803	79610	2917	15	650	130755		662
3001540135	28	19S	29E	Bone Spring 1 Ss	79317	27817	1901	23	288	46791	573	1057
3001540135	28	19S	29E	Bone Spring 1 Ss	204699	70858	2959	31	647	127420	268	0
3001540135	28	19S	29E	Bone Spring 1 Ss		92567	3277	21	696	152161	366	460
3001540509	28	19S	29E	Bone Spring 1 Ss		93253	3591	16	683	153680	366	480
3001540509	28	19S	29E	Bone Spring 1 Ss		78139	5701	122	1195	134723	476	490
3001540592	28	19S	29E	Bone Spring 1 Ss		94735	3617	15	717	156241	231	480
3001540515	29	19S	29E	Bone Spring 1 Ss		97526	2676	0	586	155601	927	310
3001540514	29	19S	29E	Bone Spring 1 Ss	203297	76713	3056	29	651	119809	390	0
3001540516	29	19S	29E	Bone Spring 1 Ss	210488	74730	3363	39	728	129027		548
3001541380	30	19S	29E	Bone Spring 1 Ss		109466	2731	0	609	174338	549	440
3001540584	32	19S	29E	Bone Spring 1 Ss	213293	72011	3096	26	608	134925		603
3001540606	32	19S	29E	Bone Spring 1 Ss	243754	81606	2589	36	973	152761		3578
3001540584	32	19S	29E	Bone Spring 1 Ss	214766	78221	3072	15	673	129950		680
3001540606	32	19S	29E	Bone Spring 1 Ss		78663	3352	0	651	130698	366	540
3001540584	32	19S	29E	Bone Spring 1 Ss	195749	70891	3422	17	683	117441		964
3001540777	12	19S	29E	Bone Spring 2 Ss	211237	62106	11194	88	1452	133575		789
3001540778	12	19S	29E	Bone Spring 2 Ss	220688	66570	12206	66	1590	137383		732
3001540778	12	19S	29E	Bone Spring 2 Ss	210922	63737	10725	60	1439	132273		617
3001540782	12	19S	29E	Bone Spring 2 Ss	196138	62689	10129	36	1390	118800	98	929
3001540782	12	19S	29E	Bone Spring 2 Ss		72789	11481	40	1699	139551	61	620
3001540782	12	19S	29E	Bone Spring 2 Ss		87943	20188	99	2702	179698	183	600
3001540777	12	19S	29E	Bone Spring 2 Ss		77378	11310	33	1609	145992	171	660
3001540782	12	19S	29E	Bone Spring 2 Ss		77810	13519	232	1752	151421	183	540
3001538338	20	19S	29E	Bone Spring 2 Ss	214079	68545	11436	36	1947	129500	110	0
3001538421	20	19S	29E	Bone Spring 2 Ss	212073	68607	11378	31	2164	127200	122	0
3001539365	20	19S	29E	Bone Spring 2 Ss	204892	66120	11033	41	1821	123300	134	0

EXHIBIT F

All Constituents in mg/l

API	Section	Township	Range	Formation	TDS	Na	Ca	Fe	Mg	CL	HCO3	SO4
3001540037	20	19S	29E	Bone Spring 2 Ss	206939	68708	11434	41	1886	122200	146	0
3001538421	20	19S	29E	Bone Spring 2 Ss	218593	71348	11431	44	2171	130625		593
3001540037	20	19S	29E	Bone Spring 2 Ss	188897	58687	10476	29	1659	114294	49	1768
3001538338	20	19S	29E	Bone Spring 2 Ss		57466	11211	23	2455	117396	110	540
3001538421	20	19S	29E	Bone Spring 2 Ss		59008	11203	17	2524	119999	146	480
3001540037	20	19S	29E	Bone Spring 2 Ss		88453	11171	27	2368	164953	122	440
3001540037	20	19S	29E	Bone Spring 2 Ss	212555	61902	10789	34	1765	135296		786
3001538338	20	19S	29E	Bone Spring 2 Ss	215251	67241	11580	33	1943	130663	49	1549
3001538421	20	19S	29E	Bone Spring 2 Ss	222698	70153	11230	23	2195	135411	49	1399
3001539365	20	19S	29E	Bone Spring 2 Ss	192416	60668	10063	40	1543	116201	98	1863
3001538605	21	19S	29E	Bone Spring 2 Ss	187069	59558	9295	39	1457	112389	73	2422
3001539372	21	19S	29E	Bone Spring 2 Ss	179727	56773	9354	42	1408	108290	73	2022
3001538605	21	19S	29E	Bone Spring 2 Ss	212439	70396	10624	35	1653	126800	49	777
3001540134	21	19S	29E	Bone Spring 2 Ss	221551	66995	10754	24	2054	138800	37	652
3001538335	21	19S	29E	Bone Spring 2 Ss	207620	63676	10340	38	1579	129265	24	0
3001538605	21	19S	29E	Bone Spring 2 Ss		68390	10388	61	1720	130427	110	820
3001539374	21	19S	29E	Bone Spring 2 Ss		69882	10737	28	1836	133839	49	760
3001540134	21	19S	29E	Bone Spring 2 Ss		71254	10986	12	2354	138115	122	540
3001539372	21	19S	29E	Bone Spring 2 Ss		58456	10738	40	1975	116569	110	640
3001540036	21	19S	29E	Bone Spring 2 Ss		83934	10820	39	1849	155753	122	600
3001538335	21	19S	29E	Bone Spring 2 Ss	18243	5584	971	15	165	10069	220	1055
3001538335	21	19S	29E	Bone Spring 2 Ss	172529	55589	8279	37	1270	104676	24	1100
3001540036	21	19S	29E	Bone Spring 2 Ss	179518	56819	9252	57	1394	108013	98	2157
3001540134	21	19S	29E	Bone Spring 2 Ss	158405	49315	8392	23	1577	95620	122	1731
3001538334	22	19S	29E	Bone Spring 2 Ss	209176	74633	3152	32	653	127957		559
3001538334	22	19S	29E	Bone Spring 2 Ss	142243	45640	6959	44	989	85871	37	1319
3001540216	27	19S	29E	Bone Spring 2 Ss	205198	76060	2957	69	598	122742		502
3001538333	27	19S	29E	Bone Spring 2 Ss		56874	10448	40	1708	112925	146	540
3001538333	27	19S	29E	Bone Spring 2 Ss		78323	9979	32	1800	145351	98	640
3001540501	27	19S	29E	Bone Spring 2 Ss		86090	13546	25	1952	164708	171	580

EXHIBIT F

All Constituents in mg/l

API	Section	Township	Range	Formation	TDS	Na	Ca	Fe	Mg	CL	HCO3	SO4
3001540506	27	19S	29E	Bone Spring 2 Ss		84563	13920	39	2008	163345	98	740
3001539328	28	19S	29E	Bone Spring 2 Ss	209249	63419	10816	27	1939	130309	61	0
3001540206	28	19S	29E	Bone Spring 2 Ss	210487	63900	10990	45	1916	130880	61	0
3001540217	28	19S	29E	Bone Spring 2 Ss	200099	62122	10663	30	1899	122620	85	0
3001540207	28	19S	29E	Bone Spring 2 Ss		76325	13728	0	2631	152008	122	640
3001540217	28	19S	29E	Bone Spring 2 Ss		84893	11130	15	2281	159026	110	740
3001540217	28	19S	29E	Bone Spring 2 Ss	211734	70916	11464	16	2278	123941	98	0
3001539373	29	19S	29E	Bone Spring 2 Ss	204175	66112	11002	43	1752	122800	98	0
3001540423	29	19S	29E	Bone Spring 2 Ss	202518	66051	11044	45	1871	121000	134	0
3001540424	29	19S	29E	Bone Spring 2 Ss	199175	65110	10607	27	1713	119200	134	0
3001539373	29	19S	29E	Bone Spring 2 Ss	207229	72432	7735	62	1304	122859		588
3001539386	29	19S	29E	Bone Spring 2 Ss	210082	79107	2905	16	645	124634		624
3001539373	29	19S	29E	Bone Spring 2 Ss	207257	64962	11127	37	1762	125792	61	1442
3001539386	29	19S	29E	Bone Spring 2 Ss	207902	67569	9690	27	1472	126295	49	1128
3001540423	29	19S	29E	Bone Spring 2 Ss	191835	60132	10463	55	1576	116618	73	1132
3001539386	29	19S	29E	Bone Spring 2 Ss	210714	64075	11182	47	1749	130950	37	0
3001539373	29	19S	29E	Bone Spring 2 Ss		76748	10831	41	2005	145145	244	460
3001539386	29	19S	29E	Bone Spring 2 Ss		82889	11278	58	2174	156139	134	520
3001540423	29	19S	29E	Bone Spring 2 Ss	213597	61082	10818	31	1979	137006		753
3001540424	29	19S	29E	Bone Spring 2 Ss	206242	59619	10150	26	1615	132172		701
3001539386	29	19S	29E	Bone Spring 2 Ss	192324	60013	10466	27	1697	116431	61	1722
3001540035	32	19S	29E	Bone Spring 2 Ss	204442	69490	2892	17	616	128687		738
3001538476	32	19S	29E	Bone Spring 2 Ss	203063	60960	10276	46	1680	127495		669
3001538476	32	19S	29E	Bone Spring 2 Ss	197878	63015	9639	55	1655	119391	110	1990
3001539790	33	19S	29E	Bone Spring 2 Ss	194362	62735	10730	33	1733	116600	134	0
3001539806	33	19S	29E	Bone Spring 2 Ss	212965	67869	11454	40	2204	128700	146	0
3001539806	33	19S	29E	Bone Spring 2 Ss	211695	65999	10786	37	2077	129142		629
3001539806	33	19S	29E	Bone Spring 2 Ss	216504	62855	10959	36	2056	137871		647
3001539790	33	19S	29E	Bone Spring 2 Ss	168771	52934	9017	37	1376	102210	98	1308
3001540025	20	19S	29E	Bone Spring 3 Ss	103835	32098	6912	84	1008	62300	281	0

EXHIBIT F

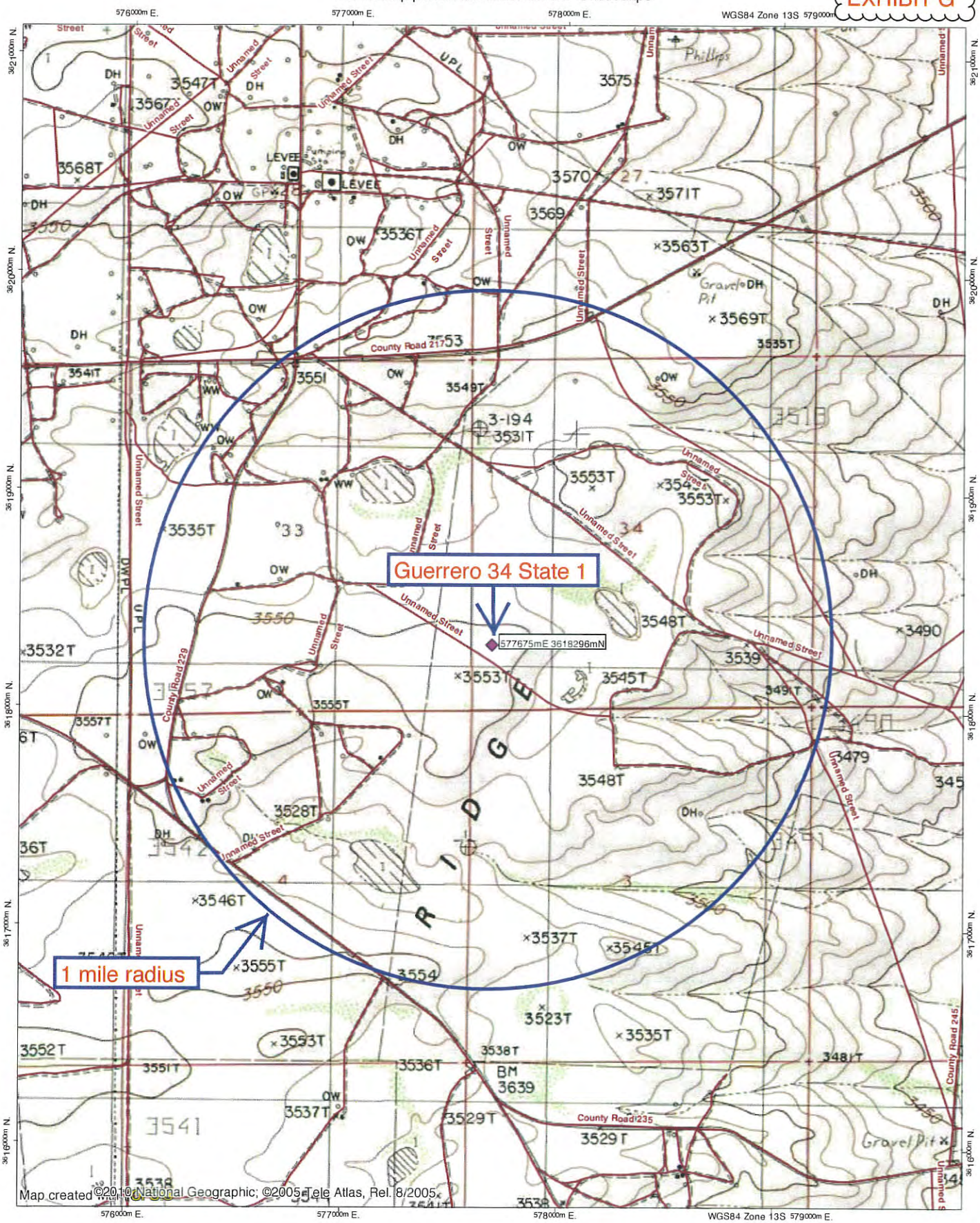
All Constituents in mg/l

API	Section	Township	Range	Formation	TDS	Na	Ca	Fe	Mg	CL	HCO3	SO4
3001540025	20	19S	29E	Bone Spring 3 Ss	76582	25463	2775	38	498	45756		930
3001542946	20	19S	29E	Bone Spring 3 Ss	106366	34602	4236	19	736	64935		703
3001542809	21	19S	29E	Bone Spring 3 Ss	117585	38613	4526	39	774	71782		550
3001542809	21	19S	29E	Bone Spring 3 Ss	115850	36308	4673	12	801	72335		564
3001543321	28	19S	29E	Bone Spring 3 Ss	105001	35624	3951	18	690	62695		685
3001502301	25	19S	28E	Delaware	55498					32420	601	984
3001503537	1	19S	29E	Devonian	29011					16000	520	1500
3001529331	21	18S	28E	Morrow	33151	11660	441	876	73	20051	516	5
3001523998	16	19S	28E	Morrow	56555		1680	60	730	34080	866	13
3001503612	32	19S	29E	Pennsylvanian	6420							
3001502638	8	18S	28E	Premier		65664	7000		3887	125400	71	798
3001502302	25	19S	28E	Queen	66874	23288	1804		608	39757	1154	262
3001502301	25	19S	28E	Queen								
3001502301	25	19S	28E	Queen								
3001501965	19	18S	28E	Queen/Grayburg	15275	8786	160	2	484	15000	280	98
3001501965	19	18S	28E	Queen/Grayburg	15275	8832	390	2	410	15000	140	600
3001501944	19	18S	28E	Queen/Grayburg	105912	19711	1360	0	0	101500	444	2640
3001501942	19	18S	28E	San Andres		90699	3277	0	1878	146802	14	5974
3001502303	26	19S	28E	Seven Rivers								
3001502280	21	19S	28E	Wolfcamp	118720					70200	2700	1080

EXHIBIT F

TOPO! map printed on 08/09/19 from "Untitled.tpo"

EXHIBIT G



Map created ©2010 National Geographic; ©2005 Tele Atlas, Rel. 8/2005

NATIONAL GEOGRAPHIC

0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 miles
0.0 0.5 1.0 km

TN ★ MN
7°
08/09/19

EXHIBIT G

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Twz	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
RA 09588		RA	ED		1	2	33	18S	28E	576976	3619384*	1293	300		
CP 00478 POD1		CP	ED	1	1	4	05	19S	28E	575300	3617036*	2688	312	145	167

1 mile = 1610 m

Average Depth to Water: **145 feet**

Minimum Depth: **145 feet**

Maximum Depth: **145 feet**

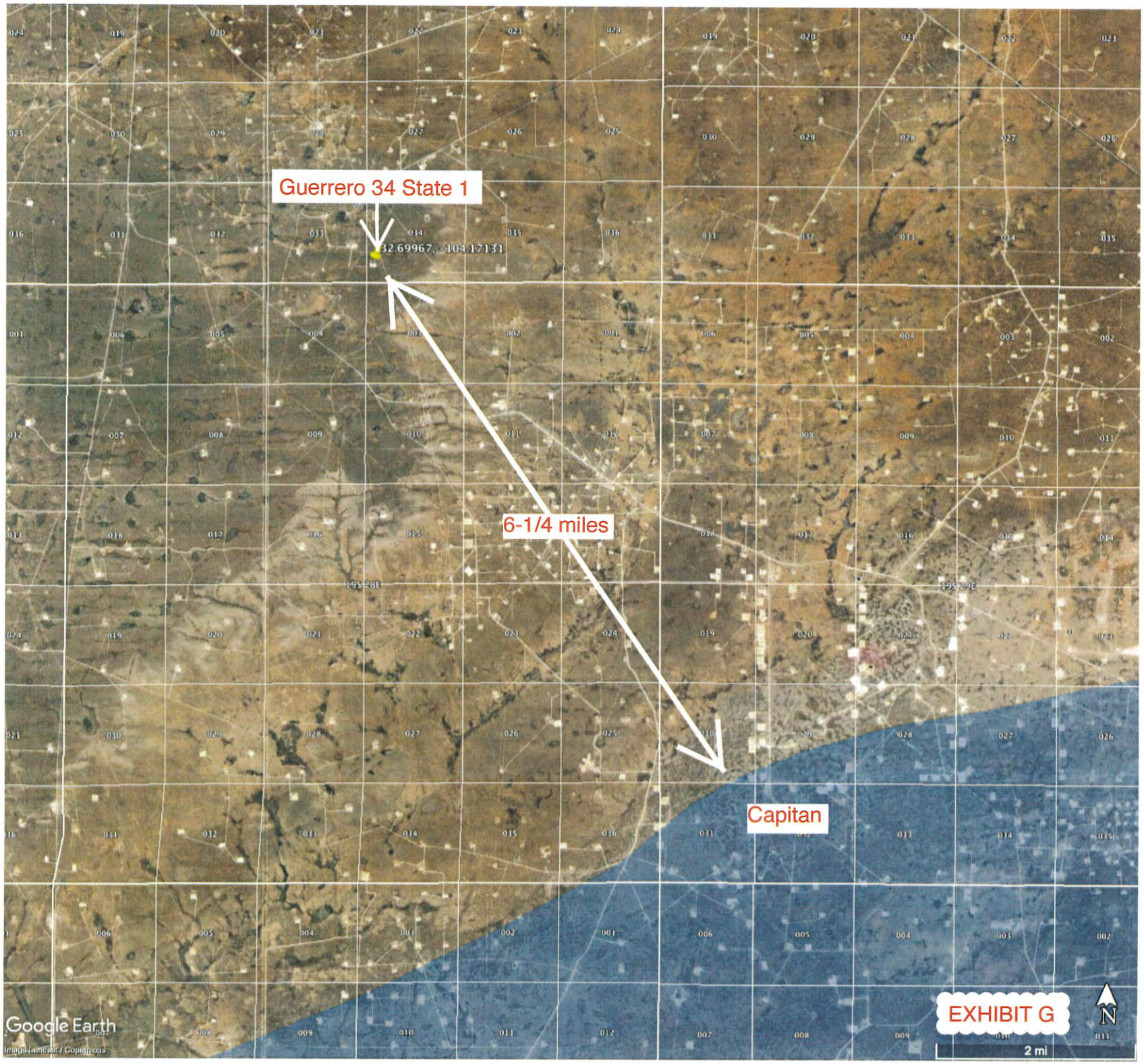
Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 577675 **Northing (Y):** 3618296 **Radius:** 3220

***UTM location was derived from PLSS - see Help**

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.


Guerrero 34 State 1
32.69967, -104.17131
6-1/4 miles
Capitan
EXHIBIT G
N
2 mi
Google Earth

PERMITS WEST
PROVIDING PERMITS for LAND USERS
37 Verano Loop, Santa Fe, New Mexico 87508 505-466-8120

NM Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 8705

Re: Geology Statement
V-F Petroleum Inc.
Guerrero 34 State No. 1
Section 34, T. 18S, R. 28E
Eddy County, New Mexico

To whom it may concern:

Available geologic and engineering data related to the proposed well have been thoroughly reviewed, and no evidence for open faults or any other hydrologic connection between the proposed deep Devonian injection zone and any underground sources of drinking water has been found. Please see the attached report for additional information.

Sincerely,

Cory Walk

Cory Walk
Geologist

PERMITS WEST, INC.
PROVIDING PERMITS for LAND USERS
37 Verano Loop, Santa Fe, New Mexico 87508 (505) 466-8120

EXHIBIT H

Seismic Risk Assessment

V-F Petroleum Inc.

Guerrero 34 State No. 1

Section 34, Township 18 South, Range 28 East

Eddy County, New Mexico

Cory Walk

Cory Walk

B.S., M.S.

Geologist

Permits West Inc.

August 12, 2019

EXHIBIT H

GENERAL INFORMATION

Guerrero 34 State #1 is located in the SW 1/4, section 34, T18S, R28E, about 16 miles southeast of Artesia, NM in the Permian Basin. V-F Petroleum Inc. proposes the injection zone to be within the Devonian formation through an open hole from 12,100'-14,000' below ground surface. This report assesses any potential concerns relating to induced seismicity along deep penetrating Precambrian faults or the connection between the injection zone and known underground potable water sources.

SEISMIC RISK ASSESSMENT

Historical Seismicity

Searching the USGS earthquake catalog resulted in no (0) earthquakes above a magnitude 2.5 within 6 miles (9.7 km) of the proposed deep disposal site since 1970 (Fig 1). The nearest historical earthquake, according to this dataset, occurred in 2003 about 20 miles (~32 km) away and had a magnitude of 3.6.

Basement Faults and Subsurface Conditions

A structure contour map (Fig. 1) of the Precambrian basement shows the Guerrero 34 State #1 is approximately 20 miles from several basement-penetrating faults inferred by Ewing et al (1990). Based on GIS data from Ruppel et al. (2009), **basic information about these faults are calculated and listed in Table 1**.

Snee and Zoback (2018) state, "In the western part of Eddy County, New Mexico, S_{Hmax} is ~north-south (consistent with the state of stress in the Rio Grande Rift; Zoback and Zoback, 1980) but rotates to ~east-northeast-west-southwest in southern Lea County, New Mexico and the northernmost parts of Culberson and Reeves counties, Texas." Around the Guerrero 34 State #1 site, Snee and Zoback indicate an **S_{Hmax} direction of N010°E and an A_φ of 0.57, indicating an extensional (normal) stress regime**.

Induced seismicity is a growing concern of deep SWD wells. Relatively new software developed by the Stanford Center for Induced and Triggered Seismicity allows for the probabilistic screening of deeply penetrating faults near the proposed injection zone (Walsh et al., 2016; Walsh et al., 2017). This software uses parameters such as stress orientations, fault strike/dip, injection rates, fault friction coefficients, etc. to estimate the potential for fault slip. Using the best available data as input parameters (Table 2), the Fault Slip Potential (FSP) models suggest the fault with the highest risk is fault 24 (Fig 2; Table 1). Fault 24 has an eight (0.08) percent chance of slip through the year 2042. **This model also suggests a minor pore pressure increase of 0.2 psi on fault 24 (Fig. 3; Table 1) due to the proposed SWD well.** A pressure increase of 1740 psi on this fault would result in a 100% probability of fault slip while an increase of 430 psi results in a 50% probability of fault slip.

GROUNDWATER SOURCES

Quaternary Alluvium acts as the principal aquifer used for potable ground water near the Guerrero 34 State #1 location (Hendrickson and Jones, 1952). Nicholson and Clebsch (1961) state, "Potable ground water is not available below the Permian and Triassic unconformity but, because this

EXHIBIT H

boundary is not easily defined, the top of the Rustler anhydrite formation is regarded as the effective lower limit of 'potable' ground water." Around the Guerrero 34 State #1, the top of a thick anhydrite unit interpreted to represent the Rustler Formation lies at a depth of ~450 feet bgs.

STRATIGRAPHY

Thick permeability barriers exist above (Woodford shale; 40 ft thick) and below (Simpson Group; 95 ft thick) the targeted Devonian injection zone (Plate 2, Comer et al., 1991; Fig. 8, Frenzel et al., 1988). Well data indicates ~11,600 ft of rock separating the top of the Devonian from the previously stated lower limit of potable water at the top of the Rustler anhydrite formation.

CONCLUDING STATEMENT

Geologic and engineering data evaluated around the Guerrero 34 State #1 well show no potential structural or stratigraphic connection between the Devonian injection zone and any subsurface potable water sources. Based on Fault Slip Potential modeling there is an 8% probability (0.08) of inducing seismic activity along nearby deeply penetrating Precambrian faults.

EXHIBIT H

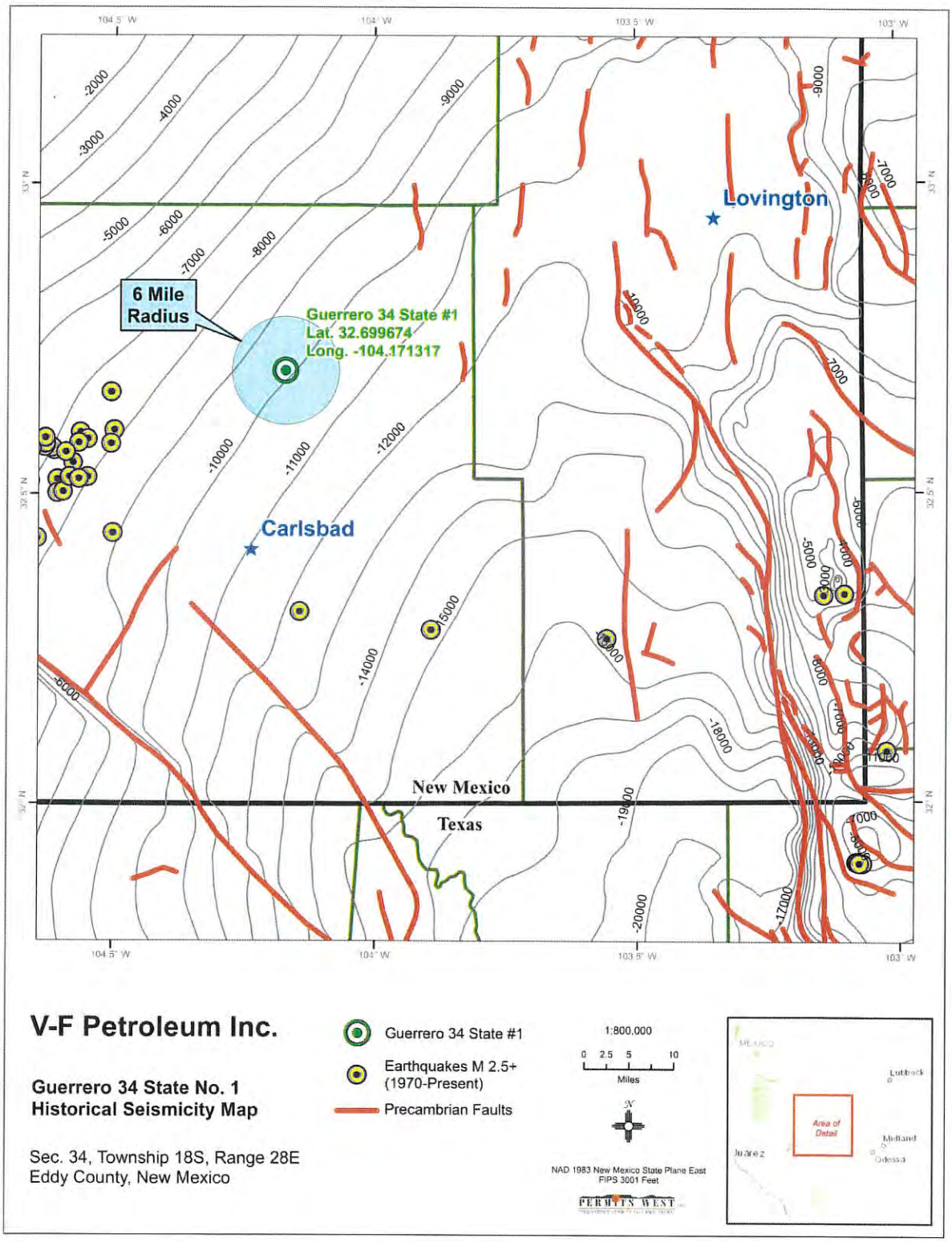


Figure 1. Structural contour map of the Precambrian basement in feet below sea level. Red lines represent the locations of Precambrian basement-penetrating faults (Ewing et al., 1990). The Guerrero 34 State #1 well lies ~20 miles W of the closest deeply penetrating fault and 20 miles from the closest historic earthquake.

EXHIBIT H

Table 1: Nearby Basement Fault Information

ID	Distance from proposed Guerrero 34 State (mi)	Strike (°)	Dip (°)	FSP	Pore Pressure change after 20 years (psi)
Fault 24	19.9	350	70	0.08	0.20
Fault 25	20.2	350	70	0.09	0.10
Fault 2	23.3	33	70	0.06	0.00

Table 2: Fault Slip Potential model input parameters

Faults	Value	Notes
Friction Coefficient	0.58	Ikari et al. (2011)
Dip Angle (deg)	70	Snee and Zoback (2018)
Stress		
Vertical stress gradient (psi/ft)	1.1	Hurd and Zoback (2012)
Max Horizontal Stress Direction (deg)	10	Snee and Zoback (2018)
Depth for calculations (ft)	14000	Proposed injection zone
Initial Reservoir Pressure Gradient (psi/ft)	0.7	calculated from mud wt (ppg) used in drilling at these depths
A Phi Parameter	0.57	Snee and Zoback (2018)
Reference Friction Coefficient	0.58	Ikari et al. (2011)
Hydrology		
Aquifer thickness (ft)	2000	Proposed injection zone
Porosity (%)	4	
Permeability (mD)	150	
Injection Rate (bbl/day)	25000	Maximum proposed injection rate

EXHIBIT H

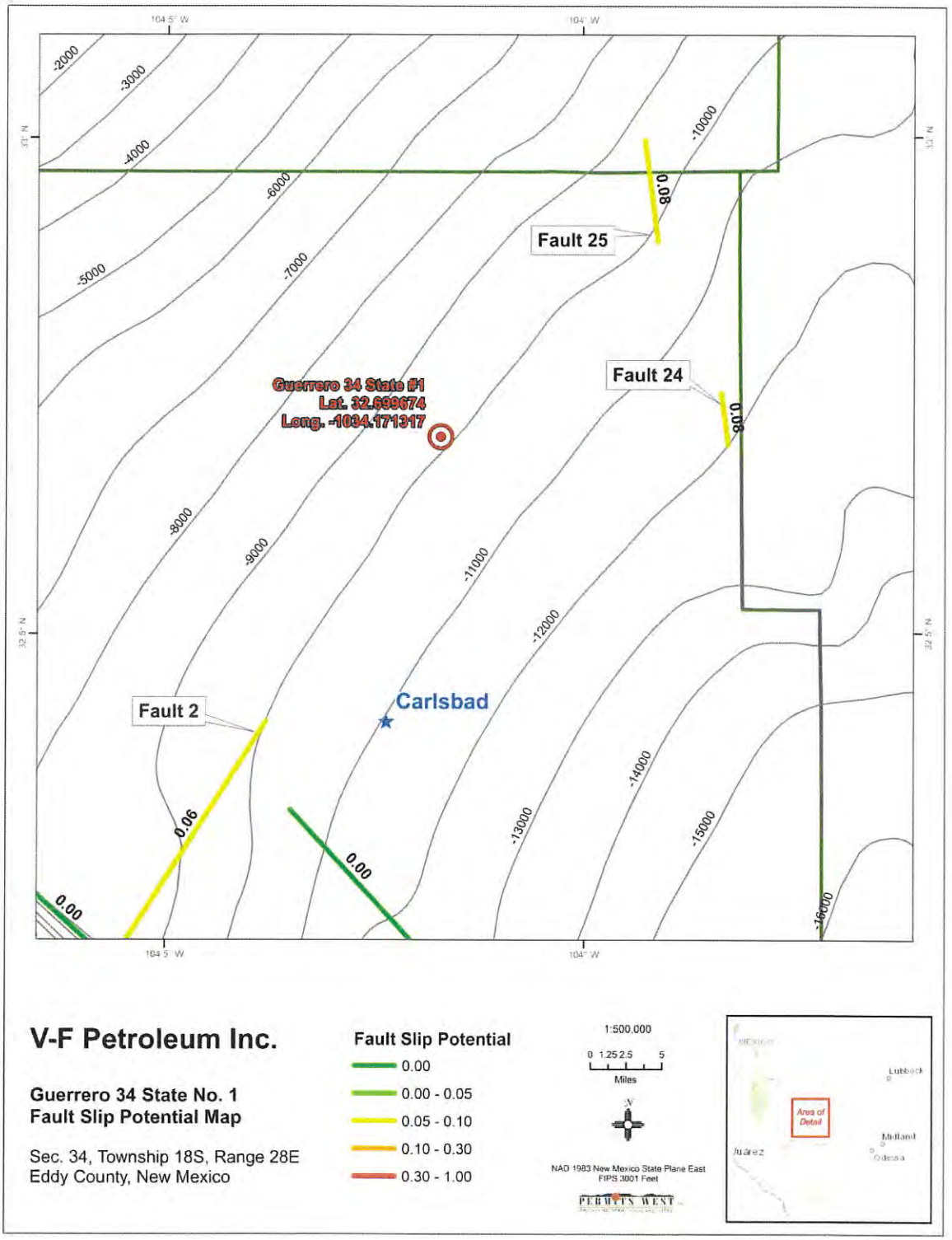


Figure 2. Precambrian fault map of southeastern New Mexico as mapped by Ewing et al. (1990). Faults are colored based on probability of fault slip as modeled using Fault Slip Potential software (Walsh and Zoback, 2016). Labeled values represent the calculated fault slip potential using the parameters indicated in Table 1. Contours show the top of the Precambrian basement in feet below sea level.

EXHIBIT H

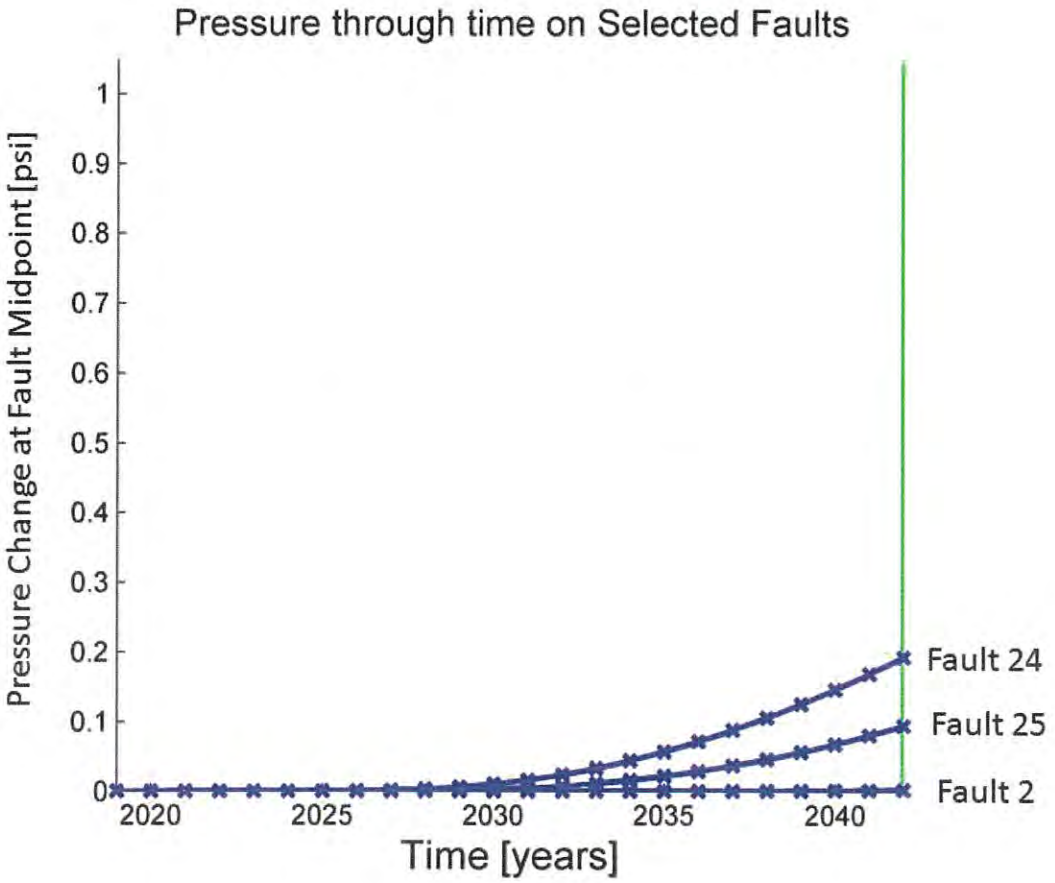


Figure 3. A scatter plot showing the modeled change of pore pressure on faults 24, 25, and 2 through time, as a response to the proposed SWD well.

EXHIBIT H

References Cited

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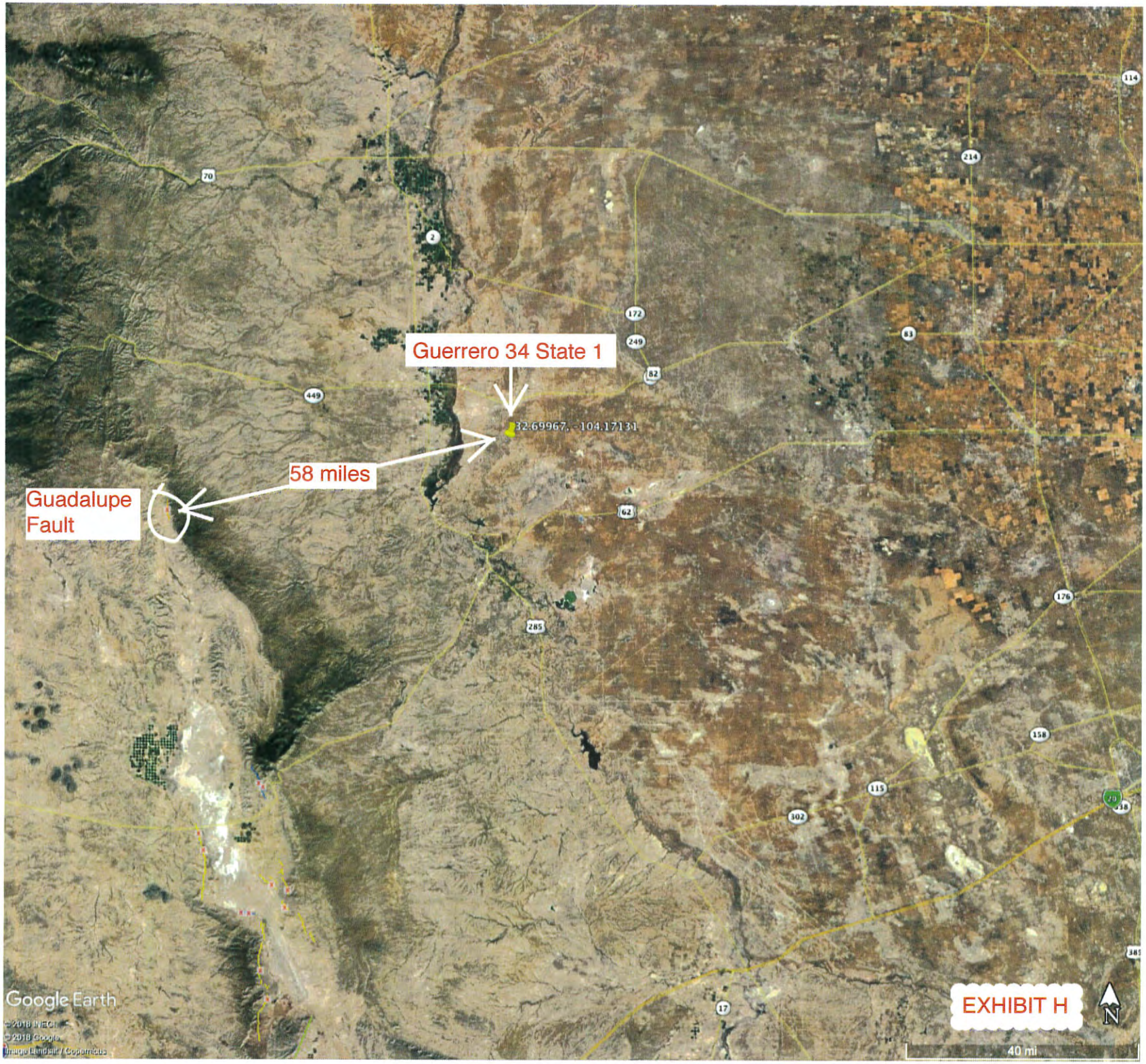
Guerrero 34 State 1
32.69967, -104.17131
58 miles
Guadalupe Fault
EXHIBIT H
N
40 mi
Google Earth

Affidavit of Publication

No. 25175

State of New Mexico

County of Eddy:

Danny Scott

being duly sworn sayes that he is the **Publisher**

of the Artesia Daily Press, a daily newspaper of General circulation, published in English at Artesia, said county and state, and that the hereto attached

Legal Ad

was published in a regular and entire issue of the said Artesia Daily Press, a daily newspaper duly qualified for that purpose within the meaning of Chapter 167 of the 1937 Session Laws of the state of New Mexico for

1 Consecutive weeks/day on the same day as follows:

First Publication	June 26, 2019
Second Publication	
Third Publication	
Fourth Publication	
Fifth Publication	
Sixth Publication	
Seventh Publication	

Subscribed and sworn before me this 26th day of June 2019

OFFICIAL SEAL
Latisha Romine
NOTARY PUBLIC-STATE OF NEW MEXICO
My commission expires: 5/12/2023

Latisha Romine

Latisha Romine

Notary Public, Eddy County, New Mexico

Copy of Publication:

EXHIBIT I

Legal Notice

V-F Petroleum Inc. will apply to re-enter, directionally drill, deepen, and convert the Guerrero 34 State 1 to a saltwater disposal well. The well will dispose into the Devonian formation from 12,060' to 14,000' (TVD). It is 16 miles southeast of Artesia, NM and 19 miles north-northeast of Carlsbad, NM. SHL is at 990 FSL & 329 FWL Sec. 34, T. 18 S., R. 28 E., Eddy County, NM. BHL will be at 990 FSL & 480 FWL Sec. 34, T. 18 S., R. 28 E., Eddy County, NM. Maximum disposal rate will be 25,000 bwpd. Maximum injection pressure will be 2,412 psi. Interested parties must file objections or requests for hearing with the NM Oil Conservation Division, 1220 South Saint Francis Dr., Santa Fe, NM 87505 within 15 days. Additional information can be obtained by contacting: Brian Wood, Permits West, Inc., 37 Verano Loop, Santa Fe, NM 87508. Phone number is (505) 466-8120.

Published in the Artesia Daily Press, Artesia, N.M., June 26, 2019 Legal No. 25175.

CARLSBAD
CURRENT-ARGUS

EXHIBIT I

AFFIDAVIT OF PUBLICATION

Ad No.
0001289646

PERMITS WEST, INC.
37 VERANO LOOP

SANTA FE NM 87508

I, a legal clerk of the **Carlsbad Current-Argus**, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

06/26/19

Legal Clerk

Subscribed and sworn before me this
26th of June 2019.

State of WI, County of Brown
NOTARY PUBLIC

11/9/22
My Commission Expires

KAZOUA YANG
NOTARY PUBLIC
STATE OF WISCONSIN

V-F Petroleum Inc. will apply to re-enter, directionally drill, deepen, and convert the Guerrero 34 State 1 to a saltwater disposal well. The well will dispose into the Devonian formation from 12,060' to 14,000' (TVD). It is 16 miles southeast of Artesia, NM and 19 miles north-northeast of Carlsbad, NM. SHL is at 990 FSL & 329 FWL Sec. 34, T. 18 S., R. 28 E., Eddy County, NM. BHL will be at 990 FSL & 480 FWL Sec. 34, T. 18 S., R. 28 E., Eddy County, NM. Maximum disposal rate will be 25,000 bwpd. Maximum injection pressure will be 2,412 psi. Interested parties must file objections or requests for hearing with the NM Oil Conservation Division, 1220 South Saint Francis Dr., Santa Fe, NM 87505 within 15 days. Additional information can be obtained by contacting: Brian Wood, Permits West, Inc., 37 Verano Loop, Santa Fe, NM 87508. Phone number is (505) 466-8120.
Pub: June 26, 2019 #1289646

Ad#:0001289646
P O : 0001289646
# of Affidavits :0.00

PERMITS WEST, INC.
PROVIDING PERMITS for LAND USERS
37 Verano Loop, Santa Fe, New Mexico 87508 (505) 466-8120

EXHIBIT J

August 13, 2018

NM State Land Office
PO Box 1148
Santa Fe NM 87504

TYPICAL NOTICE

V-F Petroleum Inc. is applying (see attached application) to re-enter, directionally drill, deepen, and convert the Guerrero 34 State 1 to a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposal. This letter is a notice only. No action is needed unless you have questions or objections.

Well: Guerrero 34 State 1 TD = 14,000'
Proposed Disposal Zone: Devonian (12,060' - 14,000')
Surface Hole Location: 990' FSL & 330' FWL Sec. 34, T. 18 S., R. 28 E.
Bottom Hole Location: 990' FSL & 480' FWL Sec. 34, T. 18 S., R. 28 E.
Approximate Location: in Eddy County 16 miles southeast of Artesia, NM
Applicant Name: V-F Petroleum Inc. (432) 683-3344
Applicant's Address: PO Box 1889, Midland TX 79702

Submittal Information: Application for a saltwater disposal well will be filed with the NMOCD. If you have an objection, or wish to request a hearing, then it must be filed with the NMOCD within 15 days of receipt of this letter. The New Mexico Oil Conservation Division address is 1220 South St. Francis Dr., Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

Sincerely,

B. Wood

Brian Wood


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4700 1st City Ctr
1700 Pacific Ave
Dallas TX 75201
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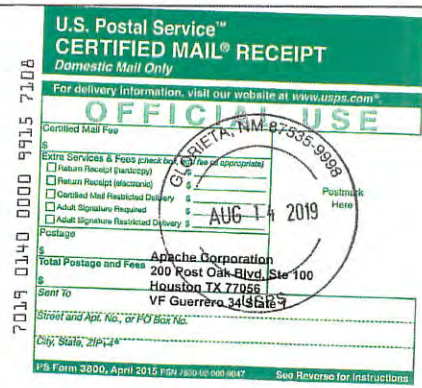
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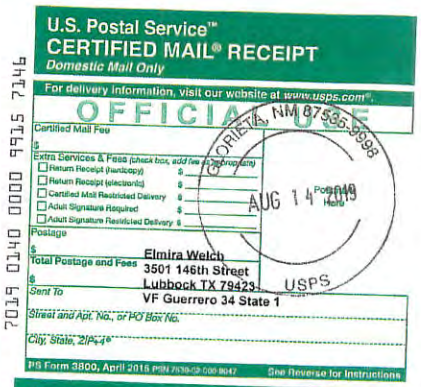
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3500 One Williams Center, Ste 4400
Tulsa OK 74172
VF Guerrero 34 State 1

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VF Guerrero 34 State 1

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EXHIBIT J

PERMITS WEST, INC.
PROVIDING PERMITS for LAND USERS
37 Verano Loop, Santa Fe, New Mexico 87508 (505) 466-8120

EXHIBIT J

April 9, 2020

Grizzly Operating, LLC
5847 San Felipe, Suite 3000
Houston TX 77057

V-F Petroleum Inc. is applying (see attached application) to re-enter, directionally drill, deepen, and convert the Guerrero 34 State 1 to a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposal. This letter is a notice only. No action is needed unless you have questions or objections.

Well: Guerrero 34 State 1 TD = 14,000'
Proposed Disposal Zone: Devonian (12,060' - 14,000')
Surface Hole Location: 990' FSL & 330' FWL Sec. 34, T. 18 S., R. 28 E.
Bottom Hole Location: 990' FSL & 480' FWL Sec. 34, T. 18 S., R. 28 E.
Approximate Location: in Eddy County 16 miles southeast of Artesia, NM
Applicant Name: V-F Petroleum Inc. (432) 683-3344
Applicant's Address: PO Box 1889, Midland TX 79702

Submittal Information: Application for a saltwater disposal well will be filed with the NMOCD. If you have an objection, or wish to request a hearing, then it must be filed with the NMOCD within 15 days of receipt of this letter. The New Mexico Oil Conservation Division address is 1220 South St. Francis Dr., Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

Sincerely,

Brian Wood

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Grizzly Operating
5847 San Felipe, Suite 3000
Houston TX 77057

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/-F – Guerrero 34 State 1

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