AE Order Number Banner

Application Number: pAZS2233443945

SWD-2512

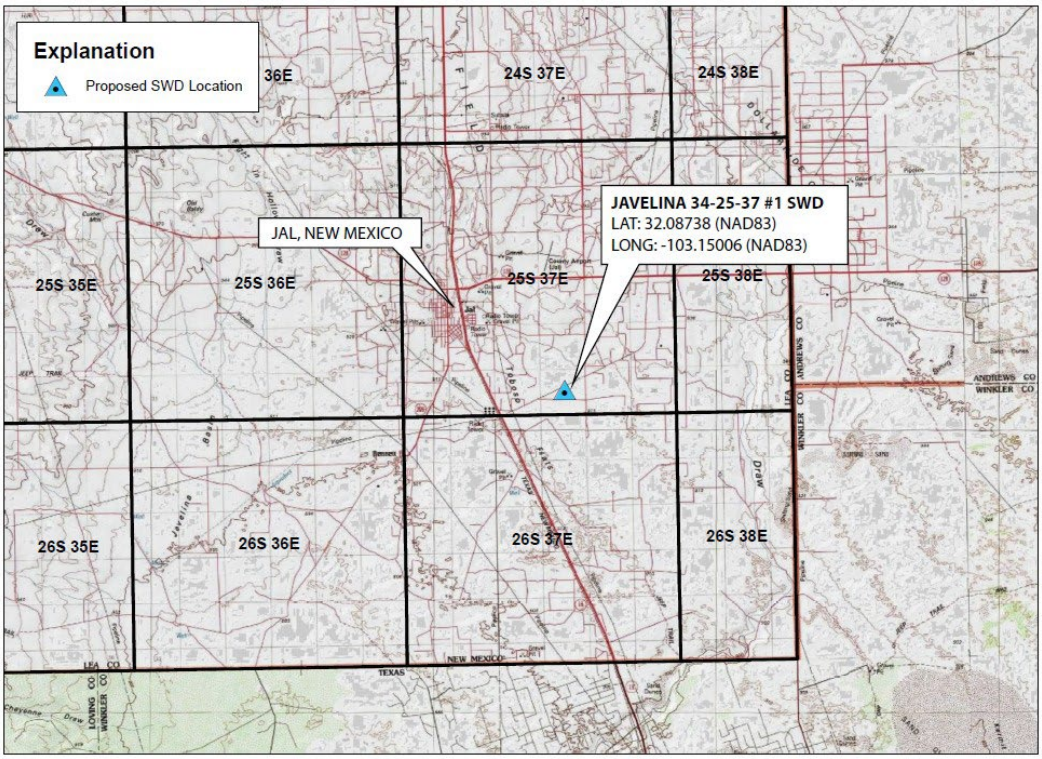
BC & D OPERATING INC. [25670]

APPLICATION FOR CLASS II SWD WELL
BC & D OPERATING, INC.

JAVELINA 34-25-37 #1

Surface Location: 2,425 FNL & 2,422 FEL, Section 34, T25S, R37E
Lea County, New Mexico

Surface Hole Latitude (NAD83): 32.08738
Surface Hole Longitude (NAD83): -103.15006



October 2022

Prepared For:

BC & D Operating, Inc.
P.O. Box 302
Hobbs, NM 88241
(575) 390 5930

Prepared By:

Geolex, Inc. ®
500 Marquette Ave, Suite 1350
Albuquerque, NM 87102
(505) 842-8000

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: BC & D OPERATING, INC **OGRID Number:** 25670
Well Name: JAVELINA 34-25-37 #1 **API:** TBD
Pool: SWD, SAN ANDRES **Pool Code:** 96121

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

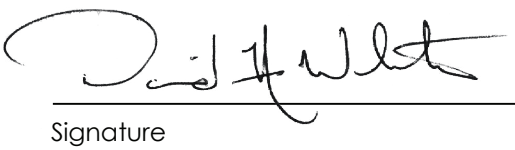
FOR OCD ONLY
☐ Notice Complete
☐ Application Content Complete

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.

David A. White, P.G.
Print or Type Name


Signature

11/24/2022
Date

505-842-8000
Phone Number

dwhite@geolex.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 ___X___Disposal _____Storage
Application qualifies for administrative approval? ___X___Yes _____No

II. OPERATOR: BC & D OPERATING, INC. (OGRID #25670)

ADDRESS: P.O. Box 302, Hobbs, NM 88241

CONTACT PARTY: DONNIE HILL PHONE: (575) 390-7626

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 ___X___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. **Section 5& 6, Appendices A & B**

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. **Section 5; Appendix A**

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected; **Sections 1, 2 & 3**
2. Whether the system is open or closed; **Sections 1, 2, 4 & 7**
3. Proposed average and maximum injection pressure; **Sections 1 & 3**
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and, **Sections 3 & 4**
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.). **Sections 3 & 4**

*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. **Sections 3 & 4**

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).
WELL NOT YET DRILLED

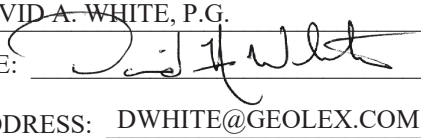
*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken. **Section 4.5**

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. **Section 7**

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

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: DAVID A. WHITE, P.G. TITLE: CONSULTANT TO BC & D

SIGNATURE:  DATE: 11/24/2022

E-MAIL ADDRESS: DWHITE@GEOLEX.COM

XV. 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

Side 2

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.

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1.0 EXECUTIVE SUMMARY

On behalf of BC & D Operating, Inc. (BC & D; OGRID #25670), Geolex, Inc.® (Geolex) has prepared and is hereby submitting a complete C-108 application for administrative approval to drill, complete, and operate a saltwater disposal (SWD) well, the Javelina 34-25-37 SWD #1 well. The proposed well is to be located in the southwest quarter of the northeast quarter of Section 34, Township 25 South, Range 37 East (32.08738, -103.15006 NAD83), approximately 3.2 miles southeast of the city of Jal in Lea County, New Mexico (Figures 1 & 2).

This SWD will be permitted as a new project; it is not a recompletion of an existing project. The purpose of this SWD will be to service nearby production activities from nearby oil and gas operators, which currently require additional disposal capacity not available in this area of the Delaware Basin. BC & D intends and seeks approval to inject a maximum of 15,000 barrels per day (bpd) with an anticipated monthly average of 12,500 bpd via the proposed disposal well. In accordance with determination methods approved by the New Mexico Oil and Gas Conservation Division (NMOCD) the proposed maximum allowable operating pressure (MAOP) being requested is 747 psig.

The Javelina 34-25-37 SWD #1 will be drilled as a vertical well with an approximate surface location of 2,425 FNL and 2,422 FEL in Section 34 (T25S, R37E). The well will be constructed utilizing a two-string, telescoping casing design. The surface casing string will be advanced to approximately 890 feet within the Rustler Formation to provide isolation of shallow groundwater resources and the production casing will be set and cemented to a total depth of 3,737 feet within the San Andres Formation (Figure 3). All casing strings will be cemented to the surface and the integrity of cementing operations will be verified via visual inspection of cement returns, as well as through collection of cement bond logs for all casing strings.

The proposed well is to be located on the western margin of the Central Basin Platform, adjacent to the Delaware Basin, of the greater Permian Basin area (Figure 4). The target injection zone for the disposal of produced water is the San Andres Formation, which is a well demonstrated and suitable reservoir for the proposed project. The well will be completed as an open-hole injection interval at depths between 3,737 feet to 5,184 feet. Analysis of these geologic units confirms that they act as excellent closed-system reservoirs that will accommodate the produced water without an increase in induced-seismicity risk. In the area of the SWD, the San Andres Formation is overlain by a thick (248 ft) interval of Grayburg Formation carbonates exhibiting lower porosity, often with interbedded sandy shales and anhydrite, which will provide excellent containment of the proposed water proposed for disposal in the San Andres and prevent migration of the disposed fluid into overlying strata and active pay zones.

In total, there are 203 wells within a two mile radius of the SWD well and four (4) wells within the one-half mile radius area of review. A detailed list of all wells within one-half and two miles is included in Appendix A. Of the wells within two miles, 72 are active, 120 are plugged and abandoned (and four that have been temporarily abandoned). Additionally, there are six cancelled well locations and one newly permitted location reflected in public records. Generally, active wells in the area consist of oil wells which produce or historically produced from the overlying Tansill through Queen Formation interval. The closest nearby well, the Dabbs #1, is located approximately 640 feet to the northeast of the proposed location. The well is a former oil production well that was plugged and abandoned in 1970 (API 30-025-11891; Appendix A) and was originally completed to 9,004 and recompleted to a total depth of 3,350'.

Most wells in the vicinity of the proposed SWD are plugged oil wells. There are three additional SWD wells within one mile, including one active San Andres SWD well (30-20-11787), one plugged SWD formerly completed in the overlying Queen formation (30-025-11884), and one deep disposal well (30-025-24287), which was completed in the Fusselman Formation.

The area surrounding the proposed saltwater disposal well is arid and there are no natural bodies of water within several miles of the location. A search of the New Mexico State Engineer's files shows six water wells or points of diversion within one mile of the proposed SWD. None of these wells exceed a total depth of 200 feet. An additional 12 water wells within a two-mile radius from the proposed location are relatively shallow and will be protected via the proposed SWD casing design, which includes a surface casing set at 890 feet that will isolate and protect shallow groundwater resources overlying the Rustler Formation.

In preparing this C-108 application, Geolex conducted a detailed examination of all the elements required to be evaluated to prepare and obtain approval for this application for injection. The elements of this evaluation include:

- Identification and characterization of all hydrocarbon-producing zones of wells that surround and are present on the proposed well site
- The depths of perforated pay intervals in those wells relative to the depth of the target injection zone (San Andres Formation)
- The past and current uses of the proposed disposal reservoir
- The stratigraphic and structural setting of the targeted zones relative to any nearby active or plugged wells, and other wells penetrating the interval
- The identification of all surface owners within a one-half mile radius of the proposed SWD well and copies of the notification letters they were provided
- Identification and characterization of all plugged and operating wells that penetrate the proposed injection zone within a two mile radius of the proposed SWD
- The details of the proposed injection operation, including general well design, average and maximum daily rates of injection, and injection pressures
- Sources of injection fluid and compatibility with the formation fluid of the injection zone
- Location and identification of any water bearing zones in the area; the depth and the quality of available groundwater in the vicinity of the proposed well, including a determination that there are no structures which could possibly connect the disposal zone with any known sources of drinking water

Based upon this detailed evaluation, Geolex and BC & D have determined that the proposed SWD well is a safe and environmentally sound project for the disposal of produced water.

2.0 INTRODUCTION AND ORGANIZATION OF THE C-108 APPLICATION

The completed NMOCD Form C-108 is included before the Table of Contents of this document and references appropriate sections where data required to be submitted are included.

This application organizes and details all the information required by NMOCD to evaluate and approve the submitted Form C-108 – Application for Authorization to Inject. This information is presented in the following categories:

- A detailed description of the location, construction, and operation of the proposed disposal well (Section 3.0)
- A summary of the regional and local geology, the hydrogeology, and the location of drinking water wells within the ½-mile area of review (Section 4.0)
- The identification, location, status, producing zones, and other relevant information on oil and gas wells within the ½-mile area of review (Section 5.0)
- The identification and required notification for operators and surface landowners that are located within the ½-mile area of review (Section 6.0)
- An affirmative statement, based on analysis of geologic conditions at the site, that there is no hydraulic connection between the proposed injection zone and any known sources of drinking water (Section 7.0)

In addition, this application includes the following supporting information:

- Appendix A: Data tables showing all active, temporarily abandoned, abandoned, and plugged oil and gas wells present within a one-half mile and two-mile radius of the proposed Javelina 34-25-37 SWD #1
- Appendix B: Table summarizing the operators, lessees, surface owners, and other interested parties within one-half mile of the proposed SWD well, copies of notice letters and proof of delivery, and affidavit of publication of newspaper notice
- Appendix C: Groundwater sample request letter from nearby water wells

3.0 PROPOSED CONSTRUCTION, TESTING, AND OPERATION OF JAVELINA 34-25-37 SWD #1 WELL

The Javelina 34-25-37 #1 well will be drilled at approximately 2,425 feet from the north line (FNL) and 2,422 feet from the east line (FEL) of Section 34 of Township 25 South, Range 37 East (Figure 2). BC & D will construct surface facilities at this location, and the Javelina 34-25-37 SWD #1 is proposed in order to properly dispose of produced water from oil and gas production activities in the area. BC & D anticipates a monthly average injection rate of 12,500 barrels per day and a maximum daily injection rate of up to 15,000 barrels per day.

3.1 DESIGN OF JAVELINA 34-25-37 SWD #1

The location of the proposed SWD is shown in Figure 2, and a schematic of the injection well is shown in Figure 3. The Javelina 34-25-37 #1 well will be drilled vertically to an anticipated total depth of 5,184 feet within the San Andres Formation. The injection zone (approximately 3,737 to 5,184 feet) will be completed as an open-hole injection interval within limestone and dolomitic limestone strata of the San Andres Formation.

The proposed well will utilize a two-string casing design (Figure 3). Surface casing (10.75-inch) will be set in competent geologic strata within the Rustler Formation at a depth of approximately 890 feet, in order to provide adequate isolation of groundwater resources within the Dockum Group. Overlying intervals of oil and gas production (Tansill – Queen) will be isolated by an interval of production casing (7-inch), which will be set from the surface to a total depth of approximately 3,737 feet. All casing strings will be set and fully cemented to the surface. The proposed SWD will be completed as an open-hole injection interval within a 6.0-inch borehole being drilled through the San Andres Formation depth interval from approximately 3,737 to 5,184 feet.

Design Considerations for the Javelina 34-25-37 #1 well include: (1) Installation of adequate surface casing to isolate and protect shallow groundwater resources, (2) detailed characterization of the injection zone and overlying caprock strata, and (3) a total depth (TD) plan that ensures accurate identification of the target injection reservoir.

A suitable drilling rig will be selected for drilling operations that will include an appropriate blowout preventer (BOP) and choke-manifold system for any unforeseen pressure encountered. Visual inspections of cement returns to the surface will be noted in the conductor, surface, and production casing operations. Casing and cementing integrity will be demonstrated by pressure testing and 360-degree cement bond logs for each casing operation. The proposed well casing design illustrated in Figure 3 is summarized in the following Table 1.

Table 1. Summary of SWD casing schedule

Casing	Hole Size (in.)	Csg. Size (in.)	Pounds Per Foot	Grade	Thread	Top (ft.)	Bottom (ft.)	Length (ft.)
Proposed Casing								
Conductor	24	20	-	-	-	0	120	120
Surface	13.5	10.75	45.5	K-55	BTC	0	890	890
Production	8.75	7	26	L-80	BTC	0	3,737	3,737
Injection Tubing								
Tubing	-	4.5	12.6	Fiberglass Lined L-80	Mod BTC	0	3,737	3,737

The conductor, surface, and production casing segments will be set and fully cemented to the surface utilizing appropriate conventional cement and methods. To confirm the integrity of the cement, all casing strings will be pressure tested and 360-degree cement bond longs (CBL) will be recorded after the required amount of time has passed for the cement to set.

Once the integrity of cementing operations has been verified, a 6-inch borehole will be advanced to a depth of approximately 5,184 feet within the San Andres Formation and the Javelina 34-25-37 #1 well will be completed as an open-hole interval. Preliminary details of cementing operations for the SWD are summarized in Table 2 below.

Table 2. Javelina 34-25-37 SWD #1 proposed cementing program

Casing String	Cement Type	No. Sacks	Density (ppg)	Yield (ft^3/sack)	Coverage Interval	Verification Method
Conductor	RediMix	-	-	-	0' – 120'	Circulate to Surface
Surface	Class C	310	14.8	1.33	0' – 890'	Circulate to Surface, CBL
Production (lead)	NeoCem	310	11	2.71	0' – 3,737'	Circulate to Surface, CBL
Production (tail)	Class C	72	14.8	1.33	0' – 3,737'	Circulate to Surface, CBL

The Javelina 34-25-37 SWD #1 will be completed with a retrievable injection packer set at approximately 3,687' and 4.5-inch injection tubing set at approximately 3,737 feet. The injection tubing string will be comprised of L-80 grade, BTC tubulars with fiberglass lining material. Design considerations for the proposed SWD include setting a 7-by-4-inch Arrowset retrievable injection packer (or similar acceptable design) comprised of appropriate material grades, which will provide an effective seal preventing the upward flowback of injectate out of the target reservoir.

3.2 GEOPHYSICAL LOGGING AND RESERVOIR TESTING

Drilling operations have not yet commenced. Open-hole geophysical logging will be performed for the interval underlying the surface casing string, from depths of approximately 890 feet to 3,737 feet. The proposed open-hole logging suite will consist of the following: gamma ray, formation density, resistivity, neutron porosity, and 360-degree caliper measurements with integrated borehole volume.

Upon completion of geophysical logging operations for Javelina 34-25-37 SWD #1, reservoir testing operations will be completed. A temporary string of removable packer and tubing will be run to conduct an injection test (step rate test) to determine the final injection pressure and volumes to ensure the formation parting pressure (fracture pressure) is not reached during injection operations. Once the reservoir has been tested and safe operation conditions have been confirmed, the final 4.5-inch injection tubing string and permanent injection packer will be run and set within the San Andres Formation.

3.3 CALCULATED MAXIMUM ALLOWABLE OPERATING PRESSURE (MAOP)

The total maximum volume and average volume of produced water to be injected under this scenario will be approximately 15,000 bpd and 12,500 bpd, respectively. Pressure reduction valves will be incorporated to ensure that the maximum allowable operating pressure (MAOP), approved by NMOCD, will not be exceeded.

The calculated MAOP would be approximately 747 psi. To determine this limit, we utilize the following method approved by the NMOCD to calculate the proposed MAOP.

$$IP_{Max} = PG(D_{Top})$$

WHERE:
IP_{Max} = Maximum Surface Injection Pressure (psig)
PG = Pressure Gradient of Injection Fluid (psig/ft)
D_{Top} = Depth at top of injection zone (ft)

AND

$$PG = 0.2 + 0.433\ (1.04 - SG_{SW})$$

WHERE:
SG_{SW} = Specific gravity of the disposed produced water

Based on our review of the targeted injection reservoir and the anticipated produced water composition, the specific gravity of the injectate and top of the injection reservoir are as follows:

SG_{SW} = 1.04
$Depth_{Top\ Inj.\ Zone}$ = 3,737 feet

THEREFORE

$$PG = 0.2 + 0.433(1.04 - 1.04)$$

$$PG = 0.2\ \frac{psig}{ft}$$

AND

$$IP_{Max} = 0.2 \frac{psig}{ft} x\ 3{,}737\ feet$$

$$\boldsymbol{IP_{Max} = 747\ psig}$$

For this reason, BC & D is requesting approval for a surface injection MAOP of 747 psig for the proposed Javelina 34-35-37 SWD #1.

4.0 REGIONAL AND LOCAL GEOLOGY AND HYDROGEOLOGY

4.1 GENERAL GEOLOGIC SETTING AND SURFACE GEOLOGY

The proposed SWD is to be located in Section 34, Township 25 South, Range 37 East, in Lea County, New Mexico, approximately three miles southeast of the city of Jal (Figure 1). The well is situated on the western margin of the Central Basin Platform- a subbasin of the Permian Basin (Figure 4). This area is relatively flat and largely covered by sand dunes underlain by a hard caliche surface. The sand dunes are locally stabilized with shin oak, mesquite, and some burr grass. There are no observed bodies of water on the surface or groundwater discharge sites within the vicinity of the well location. Where drainages exist in interdunal areas, they are ephemeral, discontinuous dry washes. The proposed well site is underlain by Quaternary alluvium overlying the Triassic redbeds of the Santa Rosa Formation (Dockum Group), both of which are local sources of groundwater. The thick sequences of Permian strata that underlie these deposits are described below.

4.2 BEDROCK GEOLOGY

The proposed SWD is located within the Central Basin Platform of the Permian Basin which encompasses a large area of southeastern New Mexico and west Texas (Figure 4). The Permian Basin began to take form during the Middle to Late Mississippian period, with various segments (Delaware Basin, Midland Basin, Central Basin Platform, and North Platform) arising from the ancestral Tabosa Basin.

Figure 5 shows a generalized Permian Basin stratigraphic column depicting the anticipated formations and lithologies that underlie the proposed well site. The Central Basin Platform (CBP), which was uplifted in the Pennsylvanian Period, preserves shallow Permian-age reef and reef-proximal facies, comprised primarily of carbonate and clastic rock units. The San Andres Formation, proposed as the injection reservoir target for this project, is underlain by Leonardian through Wolfcampian strata, and pre-Permian units uplifted during the formation of the CBP, which range in age from Permian to Ordovician. Reef and reef-proximal Permian strata generally dip to the west as they transition from shelf and shelf-edge carbonates and sandstones to basinal shales, sandstones and limestones to the west. As the proposed Javelina 34-25-37 #1 well location is situated on the western flank of the CBP, there are no Capitan Reef or Goat Seep Reef intervals that underlie the proposed well site. The anticipated formation tops of relevant geologic units overlying and underlying the target San Andres Formation injection zone are summarized in Table 3 below.

Table 3. Anticipated formation tops underlying the proposed Javelina 34-25-37 SWD #1

FORMATION	DEPTH (FT, TVD)	DEPTH (FT, SUBSEA)
Dockum Group	270	2,755
Rustler	886	2,139
Salado	1,119	1,906
Tansill	2,419	606
Yates	2,632	393
Seven Rivers	2,881	144
Queen	3,228	-203
Grayburg	3,489	-464
San Andres	3,737	-712
Glorieta	5,184	-2,159

In this area of the Central Basin Platform, shallow oil and gas production has currently and historically occurred within the interval of Tansill, Yates, Seven Rivers, and Queen Formations, with the San Andres Formation being wet and non-productive in this area. Additionally, the Grayburg, which overlies the target San Andres injection reservoir, is also absent of local production. Underlying the target formation, waterflood operations are on-going to produce Yeso-Blineberry strata, however, this interval is separated by approximately 300 feet of Glorieta Formation strata. Production in the Glorieta has been limited to locations further east and northeast at structural highs.

4.3 LITHOLOGIC AND RESERVOIR CHARACTERISTICS OF THE SAN ANDRES FORMATION

The proposed injection interval includes the San Andres Formation, comprised of carbonate facies, which were commonly dolomitized during periods of subaerial exposure, and porous sandstone. During periods of exposure, porosity within the San Andres developed and was likely enhanced during subsequent transgressive-regressive cycles and additional exposure. Based on geologic evaluation of the subsurface, produced water injection is recommended between depths 3,737 - 5,184 feet in the San Andres, which allows access to significantly porous and permeable strata and maximizes the vertical thickness of overlying low-porosity strata, which separates the injection zone from overlying producing intervals. Figure 6 includes a type-log of the proposed injection zone that includes anticipated formation top depths and strata overlying the injection zone. Section 34 was selected due to its location above a relatively high-porosity-high-permeability area within the San Andres Formation (Figure 7), which is anticipated to adequately meet the disposal needs of BC & D.

As previously described, historic and active production within the shallow intervals of geologic strata is limited to the Tansill through Queen Formation pays. Overlying the target San Andres injection interval, approximately 248 feet of low-porosity carbonate with interbedded sandy shale and anhydrite in the Grayburg Formation will serve as a geologic seal to isolate the San Andres injection operations from overlying production. Underlying the San Andres Formation, the Glorieta Sandstone exhibits lower porosity, which will inhibit downward migration and intrusion into lower production intervals. The Glorieta, which separates the San Andres from underlying Yeso-Blineberry production, is not an active producer in the immediate area of the proposed SWD, with historic production being limited to up-structure locations to the east and northeast, all of which are plugged and abandoned.

Figure 7 includes an approximate north-south structural cross section in the general area of the proposed well site, which illustrates the porosity characteristics of the target injection reservoir. Contiguous strata of the Grayburg, which exhibits reduced porosity, will serve as the overlying caprock isolating the San Andres from the Tansill through Queen section. Ultimately, the proposed Javelina 34-25-37 SWD #1 well location was selected in an area not in close proximity to faults at risk for induced seismicity and within strata (San Andres Formation) exhibiting significant porosity development, while simultaneously being adequately separated from other active and proposed San Andres SWD wells. Faulting in the area is discussed further and modeled in section 4.7.

4.4 INJECTION FLUID SOURCE AND COMPOSITION OF PROPOSED INJECTION FLUIDS

The Javelina 34-25-37 SWD #1 is for the purpose of proper disposal of produced water from local production activities in the area. Typically, the produced water injectate will be sourced from nearby active and proposed wells producing from the Bone Springs and Wolfcamp Formation plays in the area.

A review of formation fluid chemistry was conducted through the U.S. Geological Survey National Produced Water Database. Two wells located within 10 miles from the proposed location of the Javelina 34-25-37 SWD #1 were identified having fluid characteristics documented from the Bone Springs and Wolfcamp Formations. These analyses are summarized in the table below and are representative of the anticipated fluid compositions that will be injected via the SWD well.

Table 4. Summary of produced water analyses from nearby wells (U.S. Geological Survey National Produced Water Geochemical Database, v2.3)

API	Formation	Well Name	HCO_3 (ppm)	Ca (ppm)	Cl (ppm)	K+Na (ppm)	Mg (ppm)	Na (ppm)	SO4 (ppm)	TDS
3002509847	Bone Springs	Sand Hills unit 5	1278	64	1393	-	10	1976	1108	5997
3002511398	Wolfcamp	State NJA 1	660	2040	59300	38010	390	-	4950	105350

These analyses of the total dissolved solids (TDS) within Bone Springs and Wolfcamp Formations range from 5,997 – 105,350 ppm with an average of these values being 55,673 ppm. The chlorine ion is most abundant with concentrations ranging from 1,393 – 59,300 ppm and an average of 30,346 ppm.

4.5 CHEMISTRY OF RESERVOIR FLUIDS

A review of formation fluid chemistry was conducted through the USGS National Produced Water Geochemical Database and identified three wells within 10 miles from the proposed location with analyses of fluid samples collected from the San Andres Formation interval. The following table summarizes the measured formation fluid characteristics.

Table 5. Summary of San Andres produced water analyses from nearby wells (U.S. Geological Survey National Produced Water Geochemical Database, v2.3)

API	Well Name	HCO3 (ppm)	Ca (ppm)	Cl (ppm)	K+Na (ppm)	Mg (ppm)	Na (ppm)	SO4 (ppm)	TDS (ppm)
3002520300	State D #3	1200	2300	22400	-	429	12147	1300	39776
3002511308	State A 1	1452	2477	13948	4806	1215	-	1255	25154
3002511310	State A 2	2252	796	10227	5963	495	-	670	20407

The results of these produced water analyses demonstrate the TDS in the San Andres Formation range from 20,407 – 39,776 ppm, with an average of 28,445 ppm. Like the Bone Springs-Wolfcamp Formation fluid compositions, the chlorine ion is the most abundant, ranging in concentrations from 10,227 – 22,400 ppm, and an average of 15,525 ppm. Based on the results from these analyses, the proposed injectate fluid composition is compatible with the target reservoir fluids. While drilling and completing the proposed SWD well, attempts will be made to collect current samples of formation fluid at the precise location to identify site-specific fluid characteristics.

4.6 GROUNDWATER HYDROLOGY IN THE VICINITY OF THE PROPOSED INJECTION WELL

Based on the New Mexico Water Rights Reporting System, there are six water wells and points of diversion (POD) within one mile of the proposed Javelina 34-25-37 SWD #1 location (five are within one-half mile), as described in Table 6 below and shown in Figure 8, which includes all water wells within a two-mile radius. Records indicate 18 water wells and POD within a two-mile radius of the

proposed SWD location. The nearest well completed in shallow groundwater interval is located approximately 0.46 miles away (CP 01097 POD 1-5), with groundwater estimated to be located 85 feet to 90 feet below the surface in the alluvium and the Triassic redbeds. Table 6 below summarizes the water wells within one mile to the proposed BC & D well.

Table 6. Water wells within one mile of the proposed SWD well (retrieved from the New Mexico Office of the State Engineer's files July 7, 2022)

POD #	Section	Town	Range	Latitude (NAD83)	Longitude (NAD83)	Distance (mi)	Depth (ft)
CP 01097 POD 1	34	25S	37E	32.091116	-103.156766	0.461	109
CP 01097 POD 2	34	25S	37E	32.091116	-103.156766	0.461	109
CP 01097 POD 3	34	25S	37E	32.091116	-103.156766	0.461	109
CP 01097 POD 4	34	25S	37E	32.091116	-103.156766	0.461	109
CP 01097 POD 5	34	25S	37E	32.091116	-103.156766	0.461	109
CP 00344 POD 1	33	25S	37E	32.087679	-103.166752	0.979	190

Shallow freshwater resources in the area of the proposed SWD will be protected as the planned well design isolates shallow intervals via the two-string casing design, which includes a surface casing that extents to approximately 890 feet within the Rustler Formation, effectively isolating groundwater resources. The area surrounding the proposed injection well is arid and there are no bodies of surface water within a two-mile radius.

To better understand groundwater quality in the area of the proposed well, Geolex has sent correspondence to water rights owners of record on October 6, 2022 for the nearest well (CP 01097 POD 1-5) requesting permission to collect and analyze fluid samples representative of the completion interval of each well (Appendix C). Efforts to collect fluid samples are continuing and any additional information will be provided to NMOCD, if and when they are available.

In lieu of groundwater sample collection and chemical analysis, Geolex conducted a review of *Geology and Ground-Water Conditions in Southern Lea County, New Mexico* (Nicholson and Clebsch, 1961) to identify published groundwater data representative of nearby wells (less than 10 miles) from the proposed SWD well. The following table summarizes these wells and the results of the chemical analyses.

Table 7. Chemical analysis results of samples collected from water wells in the area of the proposed SWD (from Nicholson and Clebsch, 1961, *Geology and Ground-Water Conditions in Southern Lea County, New Mexico)*

Well Name	Sec.	Twn.	Range	Depth to water (ft)	Ca (ppm)	Mg (ppm)	Na + K (ppm)	Cl (ppm)	HCO_3 (ppm)	SO_4 (ppm)	TDS (ppm)
City of Jal	19	25S	37E	65	102	32	77	168	150	145	685
City of Jal	19	25S	37E	65	34	43	175	54	264	286	759

Our analysis of local groundwater and subsurface geology confirms that the proposed SWD well poses no risk of contaminating groundwater in the area as (1) the proposed well design considerations and casing plans designed to protect against shallow groundwater resources, (2) cased-hole logging plans will

include collection of cement bond logs to verify the integrity of cementing operations, and (3) conduits in the subsurface that may facilitate migration of injected fluids to freshwater-bearing strata have not been identified.

4.7 POTENTIAL FOR INDUCED SEISMICITY IN THE AREA OF JAVELINA 34-25-37 #1

To evaluate the potential for seismic events in response to injected fluids, Geolex conducted an induced seismicity risk assessment in the area of the proposed SWD. This estimate includes construction of a hydrologic model to simulate the impact of five nearby injection wells operating over a 30-year period and estimates the fault-slip probability associated with the simulated injection scenario.

To identify subsurface structures nearby the proposed SWD well, detailed geologic mapping of the area of interest was completed. Based on this review, Geolex infers the potential presence of three faults in the vicinity of the proposed well (Figure 9), generally striking approximately northwest/southeast and less commonly northeast/southwest. It is important to note that these features have not been confirmed by analysis of seismic data and likely only reflect erosional features and topography, as the area of the proposed well has no historic record of shallow seismic activity. Specifically, U.S.G.S. records (1973-present) document five seismic events in the area greater than magnitude 2.5, which all occurred greater than eight (8) miles from the proposed well site, along depth intervals exceeding 14,000 feet.

While these features are likely erosional in nature, they were included as features in an Induced Seismicity Risk Assessment to assure a conservative evaluation of the project area. Due to the location of these inferred faults relative to the proposed SWD location, it is anticipated that the operation of the proposed well, as requested, will not produce an elevated risk for injection-induced fault-slip, as the SWD location is separated from more active areas of injection and BC & D seeks a maximum daily injection volume significantly lower than the typical SWD injection projects. To verify these inferred structures would not be negatively impacted by approval of the Javelina 34-25-37 #1 well, a model simulation was performed to quantify the risk associated with local San Andres injection operations (Figures 10 & 11). Modeling and simulation investigations were completed utilizing the Stanford Center for Induced and Triggered Seismicity's Fault Slip Potential (FSP) model.

To estimate the fault-slip probability for this injection scenario, input parameters characterizing the local stress field, reservoir characteristics, subsurface features, and injected fluids are required. Parameters utilized and their sources for this study area are included in Table 8 below. Additionally, Table 9 details the injection volume characteristics and locations of the disposal wells modeled in this scenario. For wells in which the maximum anticipated injection volumes were not available through review of NMOCD documentation, a value of 20,000 barrels injected per day was assumed.

Table 8. Input parameters and source material for FSP simulations

Modeled Parameter	Input Value	Variability (+/-)	UOM	Source
Stress				
Vertical Stress Gradient	1.05	0.105	psi ft^{-1}	Nearby well estimate
Max Horizontal Stress Direction	N75E	5	Deg.	Lund Snee & Zoback, 2018
Reference Depth	4,500	100	ft	Nearby well evaluation
Initial Res. Pressure Gradient	0.43	0.043	psi ft^{-1}	Lund Snee & Zoback, 2018
A_Φ Parameter	0.6	0.06	-	Lund Snee & Zoback, 2018
Reference Friction Coefficient (μ)	0.6	0.06	-	Standard Value
Hydrologic				
Aquifer Thickness	1450	100	ft	Nearby well evaluation
Porosity	4	0.5	%	Nearby well evaluation
Permeability	25	2.5	mD	Nearby well evaluation
Material properties				
Density (Water)	1040	20	kg m^{-3}	Standard Value
Dynamic Viscosity (Water)	0.0008	0.0001	Pa.s	Standard Value
Fluid Compressibility (water)	3.6×10^{-10}	0	Pa^{-1}	Standard Value
Rock Compressibility	1.08×10^{-9}	0	Pa^{-1}	Standard Value

For all modeled scenarios, injection wells were simulated using their maximum anticipated daily injection volumes for a period of 30 years. These values range from 5,000 to 20,000 bpd (Table 9). Additionally, history matching for a period of approximately 28 additional years was completed, to assure the simulations results also consider the historical impact of disposal wells that are currently operating and have been in operation since 1994. This approach yields a more conservative model prediction that ensures operation of the proposed Javelina 34-25-37 #1 will not produce induced-seismic events.

Generally, faults considered in this assessment are predicted by the Stanford FSP model to have very little to no potential for injection-induced slip, and the proposed SWD well is not predicted by the model to contribute significantly to the probability of slip. All features included in the model simulation show very little increase in slip potential throughout the total simulated injection period (Figure 11). Table 10 summarizes the predicted pressure change along each fault and indicates the model-derived pressure increase necessary to induce slip for each feature. Additionally, radial solutions that characterize the pressure effects imparted on the reservoir by each injection well show that the Javelina 34-25-37 #1 is located a great enough distance that it contributes only minimally to reservoir pressure conditions along the nearest fault.

In summary, no structures included in the modeled simulations experience any significant increase in slip potential, and modeled pressure increases along faults, after at least 30 years, fall significantly short of the

required pressure increase to induce slip. Furthermore, radial pressure solutions calculated for each simulated injection well illustrate that the operation of the proposed SWD will have little impact on conditions near inferred faults in the area.

Table 9. Location and characteristics of injection wells simulated in FSP assessment

Well #	API	Well Name	Lat 83	Long 83	Vol. (bbls/day)	Start	End
1	30-025-24761	Justis SWD #012	32.14965	-103.11562	7,000	1994	2052
2	30-025-11787	Justis SWD #026	32.09498	-103.13759	5,000	1994	2052
3	30-025-21325	Justis SWD #002	32.074085	-103.127319	20,000	1994	2052
4	N/A (proposed)	Javelina 34-25-37 #1	32.08738	-103.15006	15,000	2022	2052

Table 10. Summary of model simulation results showing the required pore pressure change to induced fault slip, actual change in pressure (as predicted by the FSP model), and probability of fault slip at the end of the simulated injection scenario.

Fault Segment #	ΔPressure Necessary to Induce Fault Slip	Actual ΔPressure at fault midpoint in 2052	Fault Slip Potential in 2052
1	1827	105	0.00
2	1257	110	0.00
3	1838	114	0.00
4	1134	114	0.00
5	341	182	0.07
6	535	166	0.00
7	319	144	0.05
8	287	117	0.06
9	1183	113	0.00
10	1617	133	0.00
11	575	162	0.00
12	1137	215	0.00

5.0 OIL AND GAS WELLS IN THE SWD AREA OF REVIEW

Appendix A provides a detailed summary of all NMOCD wells of record within a two-mile radius of the proposed SWD location. These wells are also shown in Figure A-1, are summarized in Table A-1, and include all active, plugged, and permitted well locations. In total, there are 203 wells within the two-mile radius around the proposed surface location (Appendix A, Figure A-1). Of these wells, 72 are active, 120 are plugged, four have been temporarily abandoned, six projects have been cancelled, and one is a new permit.

Figure A-2 shows all wells within a one-mile radius and illustrates the one-half mile area of review (red circle). A detailed summary of all wells within one-half mile is included in Table 11 below, which includes one active gas producer, and three plugged oil wells.

Table 11. Oil and gas wells within one half-mile of the proposed SWD location

API	Well Name	Pool	Status	Lat 83	Long 83	Total Depth (ft)	Distance (mi)
30-025-11891	DABBS #1-G	JALMAT, TAN-YATES-7RVRS	Plugged Oil	32.0886	-103.1486	2,995	0.10
30-025-11887	DABBS #004	JALMAT, TAN-YATES-7RVRS	Active Gas	32.0895	-103.1571	9,273	0.44
30-025-11886	DABBS #1-L	CROSBY DEVONIAN	Plugged Oil	32.085	-103.1571	9,004	0.44
30-025-11889	DABBS #002	LANGLIE MATTIX, 7RVRS-Q-GRYBRG	Plugged Oil	32.0877	-103.1582	3,301	0.49

Table 12 below summarizes all wells within the one-half mile area of review, which penetrate the San Andres injection reservoir. This includes two wells: Dabbs #004, an active gas well, and Dabbs #1-L, a plugged oil well. The plugged oil well, Dabbs #1-L, has been properly cemented for plugging and abandonment since 1957. The Dabbs #004 was re-entered in 1997 and re-completed to produce the shallow interval of Tansill through Seven Rivers geologic strata. The well was originally drilled to a total depth of 9,273, in 1957, but was subsequently plugged. Cement plugs were set at three depth intervals from 6,583 to 6,735 feet, 3,620 to 3,720 feet, and 0 to 100' (Attachment 1, Appendix A).

Table 12. All wells within one-half mile that penetrate the San Andres Formation injection zone

API	Well Name	Pool	Status	Lat. (NAD83)	Long. (NAD83)	Total Depth (ft)	Distance (mi)
30-025-11887	DABBS #004	JALMAT, TAN-YATES-7RVRS	Active Gas	32.0895	-103.1571	9,273	0.44
30-025-11886	DABBS #1-L	CROSBY DEVONIAN	Plugged Oil	32.085	-103.1571	9,004	0.44

6.0 IDENTIFICATION AND REQUIRED NOTIFICATION OF OPERATORS, SURFACE LESSEES, AND SURFACE OWNERS WITHIN THE AREA OF REVIEW

In developing this C-108 application, BC & D Operating, LLC conducted a detailed review of land records to obtain a listing of all operators, oil and gas mineral leases, and surface owners within a one-half mile radius of the proposed SWD well. Appendix B contains the results of the review.

Table B-1 summarizes the surface owners, operators, lessees, and mineral ownerships within a one-half mile radius. The table is inclusive of all persons that were provided notice and a complete copy of the C-108 application. Figure B-1 shows the location of surface owners and active operators, and Figure B-2 includes information regarding leaseholders and mineral ownership within the one-half mile area of review.

Written notification of BC & D's intent to submit the Javelina 34-25-37 SWD #1 C-108 application were sent to the identified interested parties on October 24, 2022 via certified mail. As an attachment to these notifications, each party was provided a complete copy of the C-108 application and supporting materials. Appendix B includes all notice letters that were sent to interested parties, as well as proof of delivery. Additionally, public notice of BC & D's application was published in the *Hobbs News Sun* on October 27, 2022. The complete publication and associated affidavit of publication are included in Appendix B. To date, no parties identified within the area of review or other members of the public have raised objection or requested additional information regarding the proposed project.

7.0 AFFIRMATIVE STATEMENT OF LACK OF HYDRAULIC CONNECTION BETWEEN THE PROPOSED INJECTION ZONE AND KNOWN SOURCES OF DRINKING WATER

As part of the work performed to support this application, a detailed investigation of the structure, stratigraphy, and hydrogeology of the area surrounding the proposed Javelina 35-25-37 SWD #1 well has been performed. This investigation included the analysis of available geologic data and hydrogeologic data from wells and literature identified in sections 3.0, 4.0, and 5.0 above, including related appendices. Based on this investigation and the analysis of these data, it is clear that there are no open fractures, faults, or other structures which could potentially result in the communication of fluids between the proposed injection zone and any known sources of drinking water or oil/gas production in the vicinity, as described in sections 4.0 and 5.0 of this application.

I have reviewed this information and affirm that it is correct to the best of my knowledge.

David A. White, P.G.
Vice President – Geolex, Inc.®
Consultant to BC & D Operating, Inc.

Signature:_____ Date:11/24/2022

FIGURES

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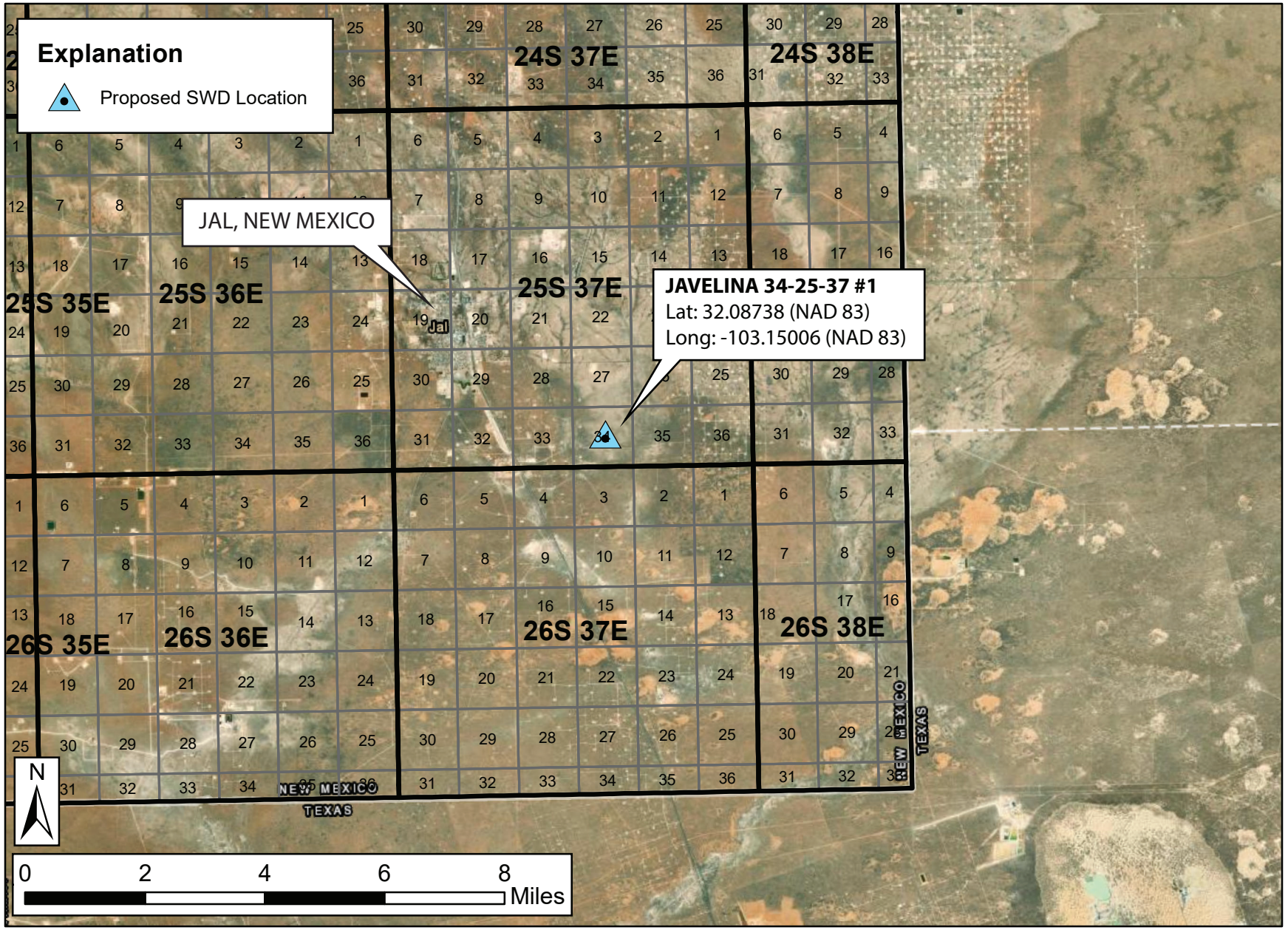

Figure 1. General Location of the Javelina 34-25-37 SWD #1 well located in Section 34 of Township 25 S and Range 37 E, approximately 3.2 miles southeast the city of Jal in Lea County, NM

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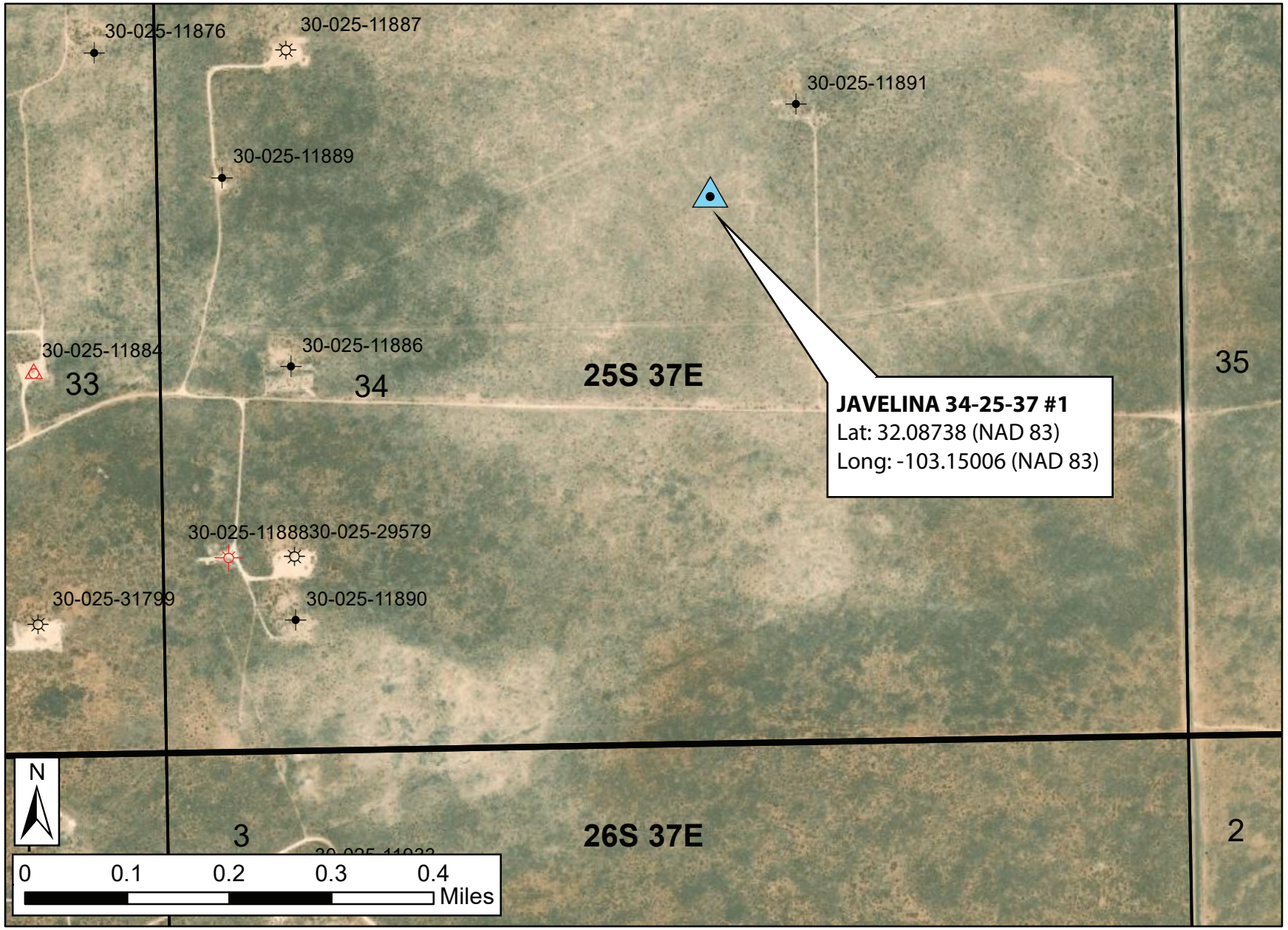

Figure 2. Detailed location of the Javelina 34-25-37 #1 SWD and the nearby wells within the vicinity. The proposed BC&D SWD will be located 2,425 FNL & 2,422 FEL of Section 34, T25S, R37E.

PROPOSED WELL SCHEMATIC

JAVELINA 34-25-37 #1

32.08738, -103.15006 NAD83

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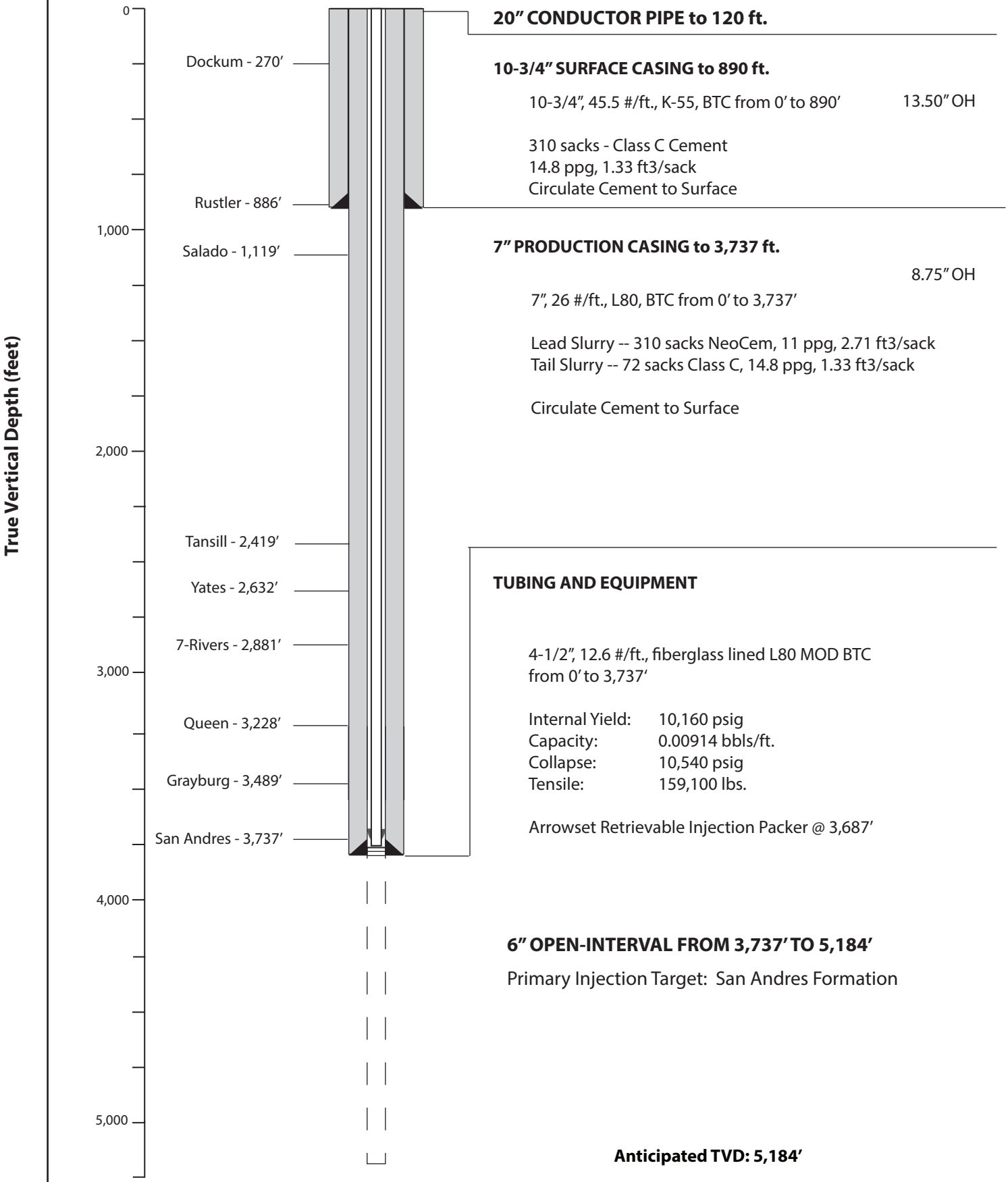

Figure 3. Proposed Javelina 34-25-37 #1 well schematic.

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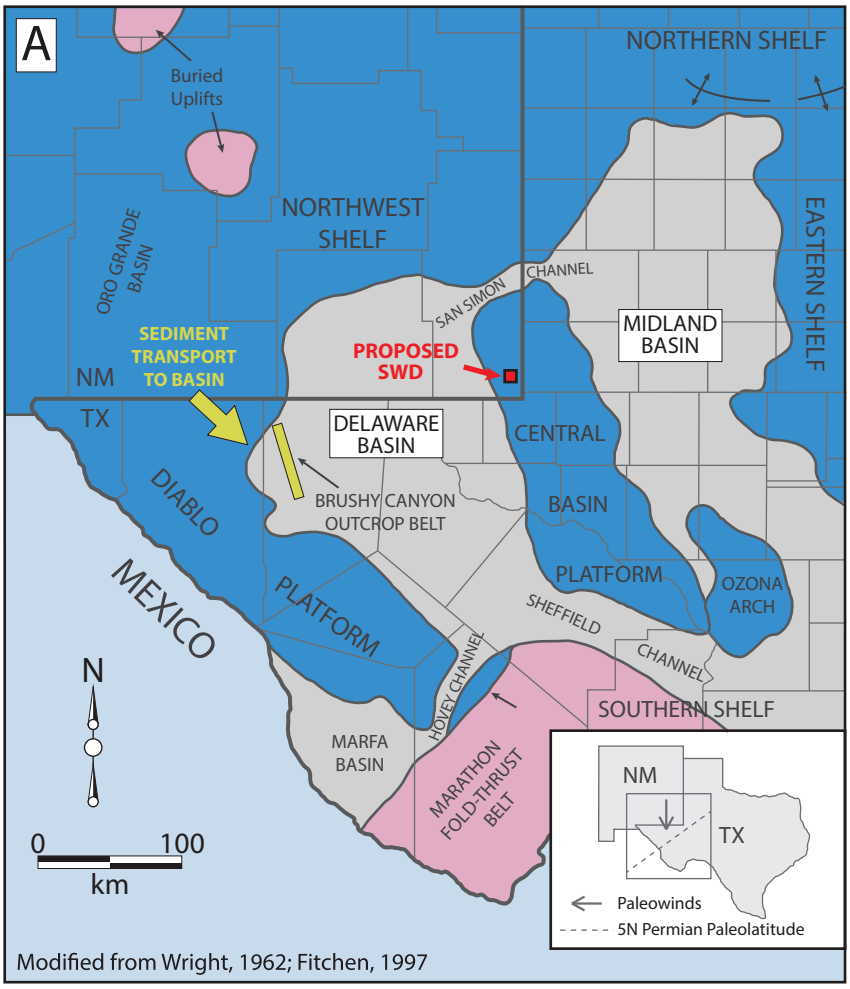

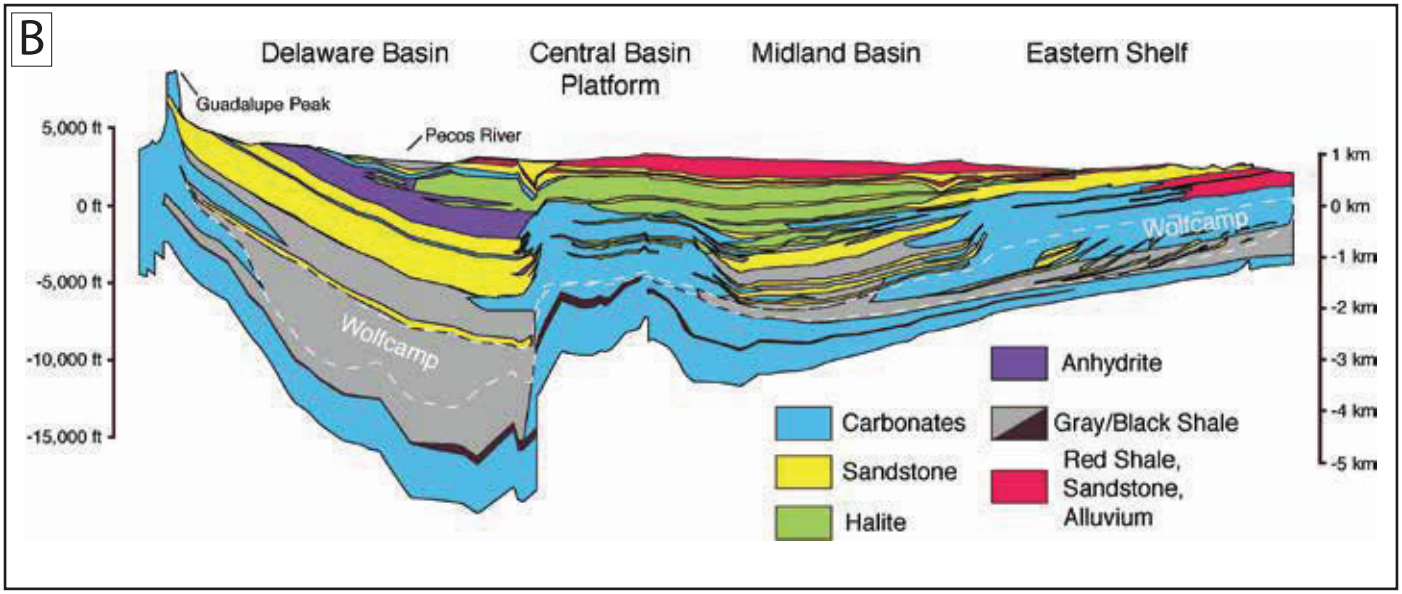

Figure 4. Structural setting (panel A) and general lithologies (panel B) of the Permian Basin

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Generalized stratigraphic correlation chart for the Permian Basin region

SYSTEM	SERIES/ STAGE	NORTHWEST SHELF	CENTRAL BASIN PLATFORM	MIDLAND BASIN & EASTERN SHELF	DELAWARE BASIN	VAL VERDE BASIN
PERMIAN	OCHOAN	DEWEY LAKE RUSTLER SALADO	DEWEY LAKE RUSTLER SALADO	DEWEY LAKE RUSTLER SALADO	DEWEY LAKE RUSTLER SALADO CASTILE	RUSTLER SALADO
	GUADALUPIAN	TANSILL YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES GLORIETA	★ TANSILL YATES ★ SEVEN RIVERS ★ QUEEN GRAYBURG SAN ANDRES ★ GLORIETA	TANSILL YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES SAN ANGELO	DELAWARE MT. GROUP BELL CANYON CHERRY CANYON BRUSHY CANYON	TANSILL YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES
	LEONARDIAN	CLEARFORK YESO WICHITA ABO	CLEARFORK WICHITA	LEONARD SPRABERRY, DEAN	BONE SPRING	LEONARD
	WOLFCAMPIAN	WOLFCAMP	WOLFCAMP	WOLFCAMP	WOLFCAMP	WOLFCAMP
PENNSYLVANIAN	VIRGILIAN	CISCO	CISCO	CISCO	CISCO	CISCO
	MISSOURIAN	CANYON	CANYON	CANYON	CANYON	CANYON
	DESMOINESIAN	STRAWN	STRAWN	STRAWN	STRAWN	STRAWN
	ATOKAN	ATOKA BEND	ATOKA BEND	ATOKA BEND	ATOKA BEND	(ABSENT)
	MORROWAN	MORROW	(ABSENT)	(ABSENT ?)	MORROW	(ABSENT)
MISSISSIPPIAN	CHESTERIAN MERAMECIAN OSAGEAN KINDERHOOKIAN	CHESTER MERAMEC OSAGE KINDERHOOK	CHESTER MERAMEC OSAGE "BARNETT"	CHESTER MERAMEC OSAGE "BARNETT"	CHESTER MERAMEC OSAGE "BARNETT"	MERAMEC OSAGE "BARNETT"
		WOODFORD	KINDERHOOK WOODFORD	KINDERHOOK WOODFORD	KINDERHOOK WOODFORD	KINDERHOOK WOODFORD
DEVONIAN		DEVONIAN	DEVONIAN	DEVONIAN	DEVONIAN	DEVONIAN
SILURIAN		SILURIAN (UNDIFFERENTIATED)	SILURIAN SHALE FUSSELMAN	SILURIAN SHALE FUSSELMAN	MIDDLE SILURIAN FUSSELMAN	MIDDLE SILURIAN FUSSELMAN
ORDOVICIAN	UPPER	MONTOYA	MONTOYA	SYLVAN MONTOYA	SYLVAN MONTOYA	SYLVAN MONTOYA
	MIDDLE	SIMPSON	SIMPSON	SIMPSON	SIMPSON	SIMPSON
	LOWER	ELLENBURGER	ELLENBURGER	ELLENBURGER	ELLENBURGER	ELLENBURGER
CAMBRIAN	UPPER	CAMBRIAN	CAMBRIAN	CAMBRIAN	CAMBRIAN	CAMBRIAN
PRECAMBRIAN						

(Yang and Dorobek, 1995)

Figure 5. General stratigraphy and producing zones (red stars) in the immediate area of the proposed Javelina 34-25-37 SWD #1.

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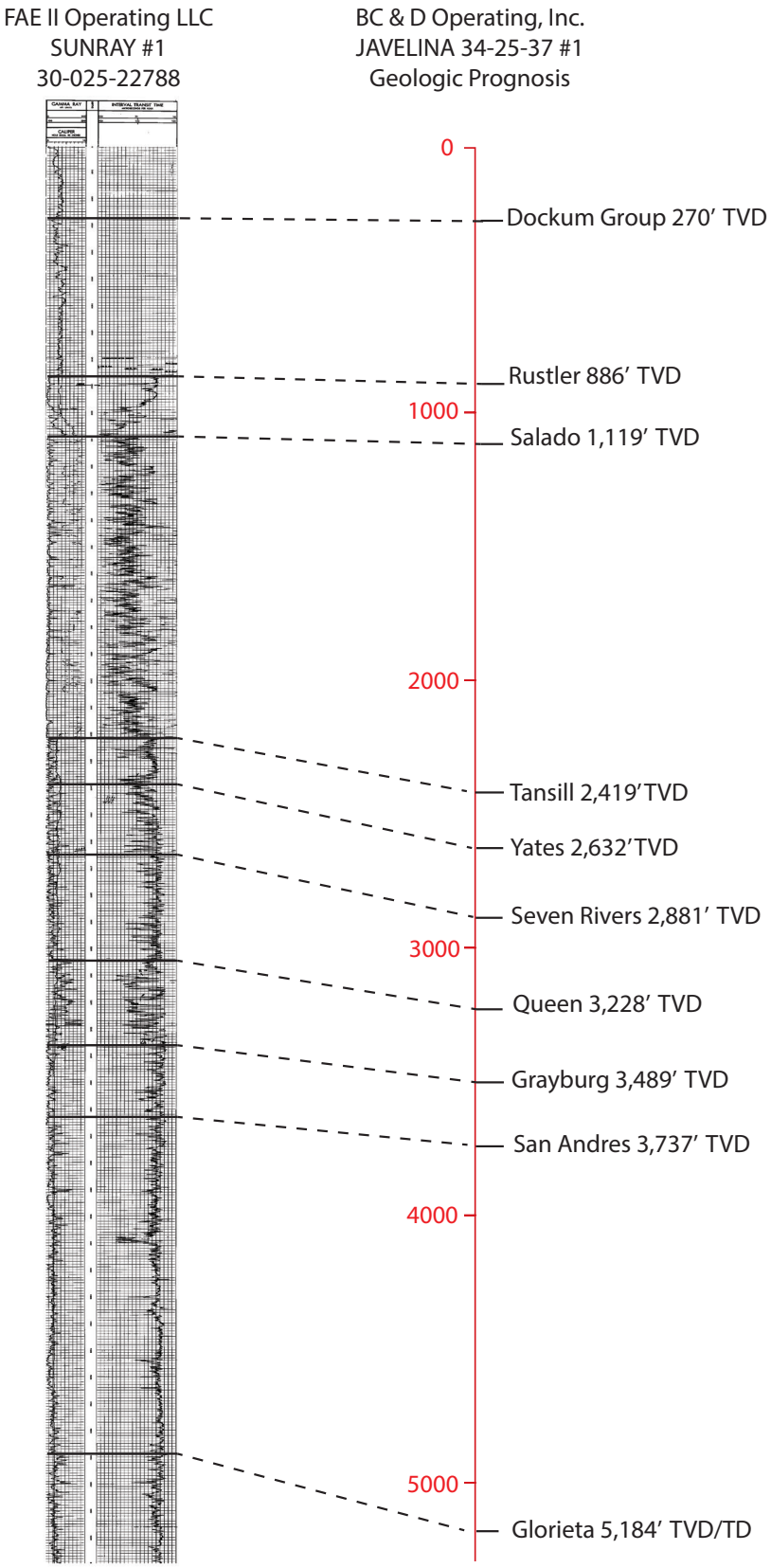

Figure 6. Geologic prognosis formation tops for the proposed Javelina 34-25-37 #1, based on the nearby Sunray #1 well (API 30-025-22788) type log.

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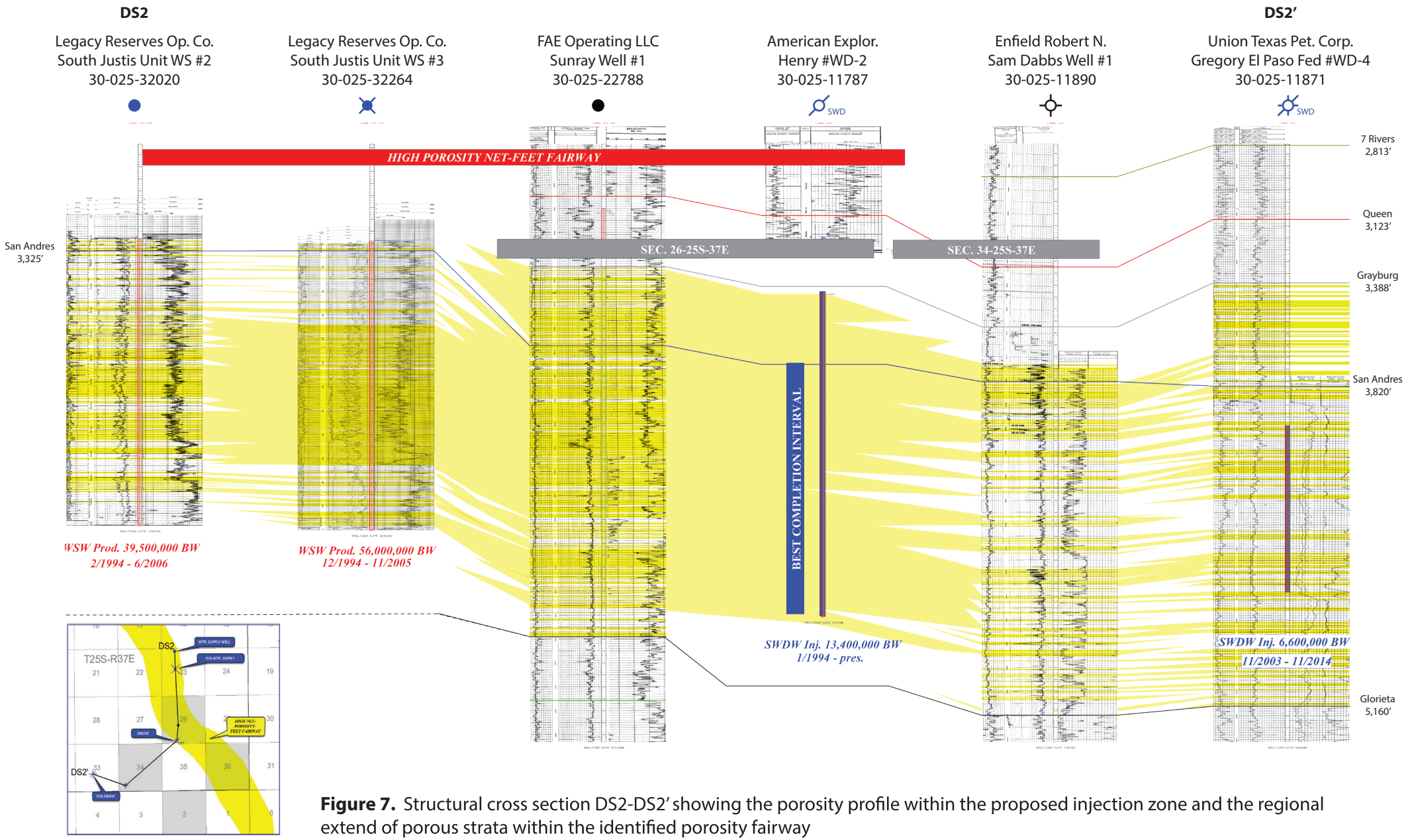

Figure 7. Structural cross section DS2-DS2' showing the porosity profile within the proposed injection zone and the regional extend of porous strata within the identified porosity fairway

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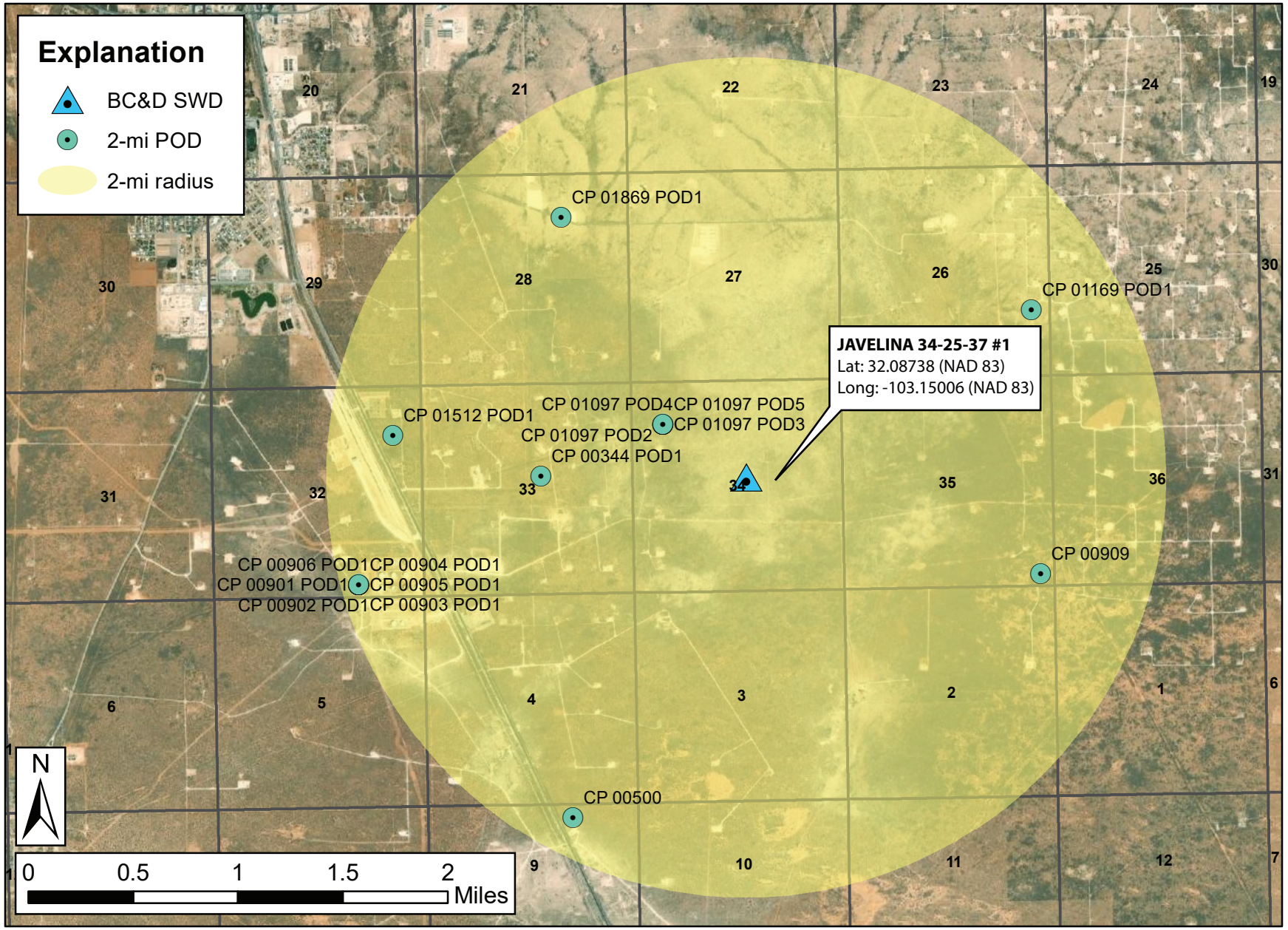

Figure 8. All nearby water wells and points of diversion within two miles of the proposed Javelina 34-25-37 SWD #1.

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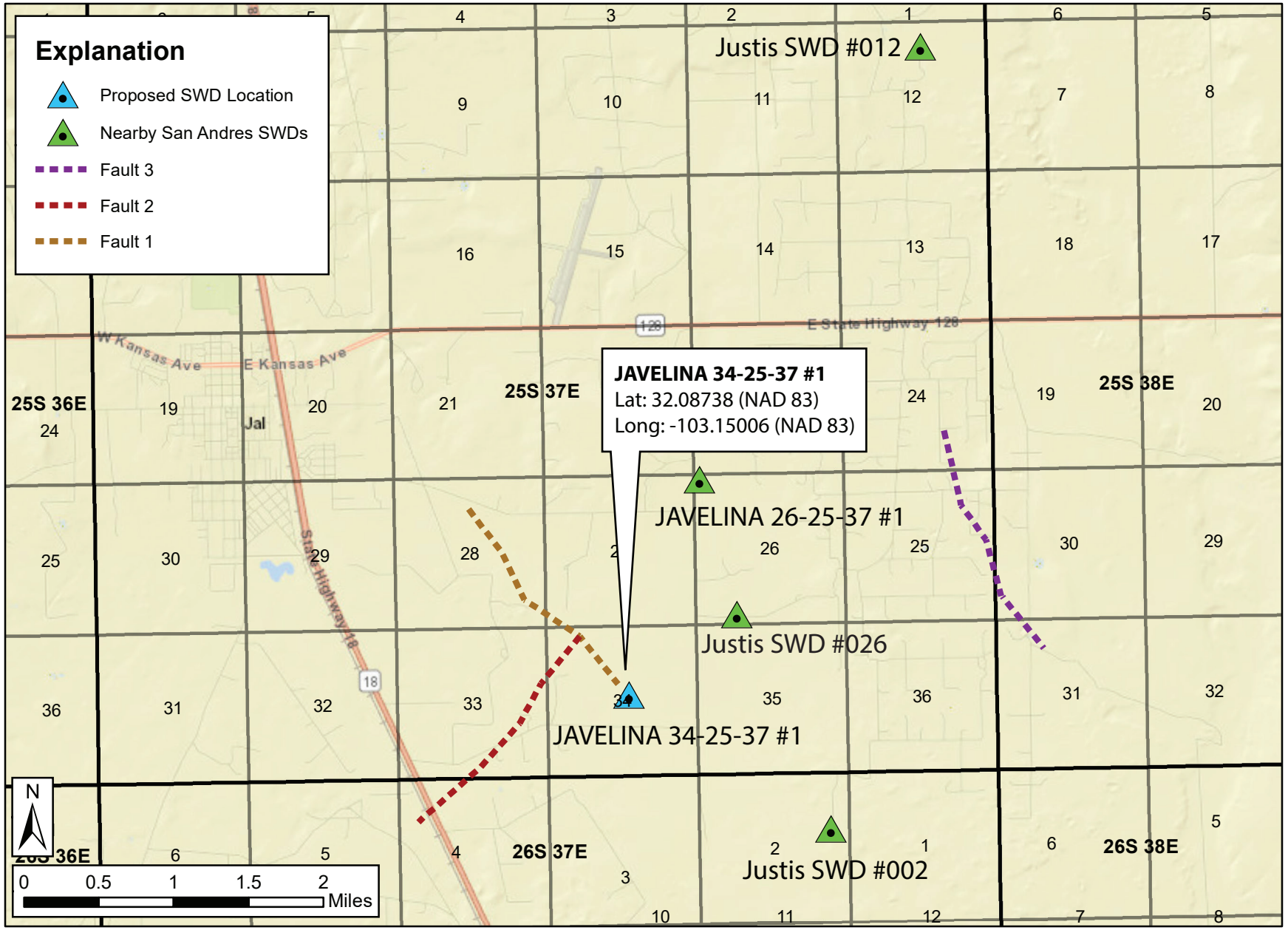

Figure 9. Interpreted faults in the vicinity of the prososed BC&D Javelina 34-25-37 SWD #1 and other nearby SWD wells also disposing in the San Andres.

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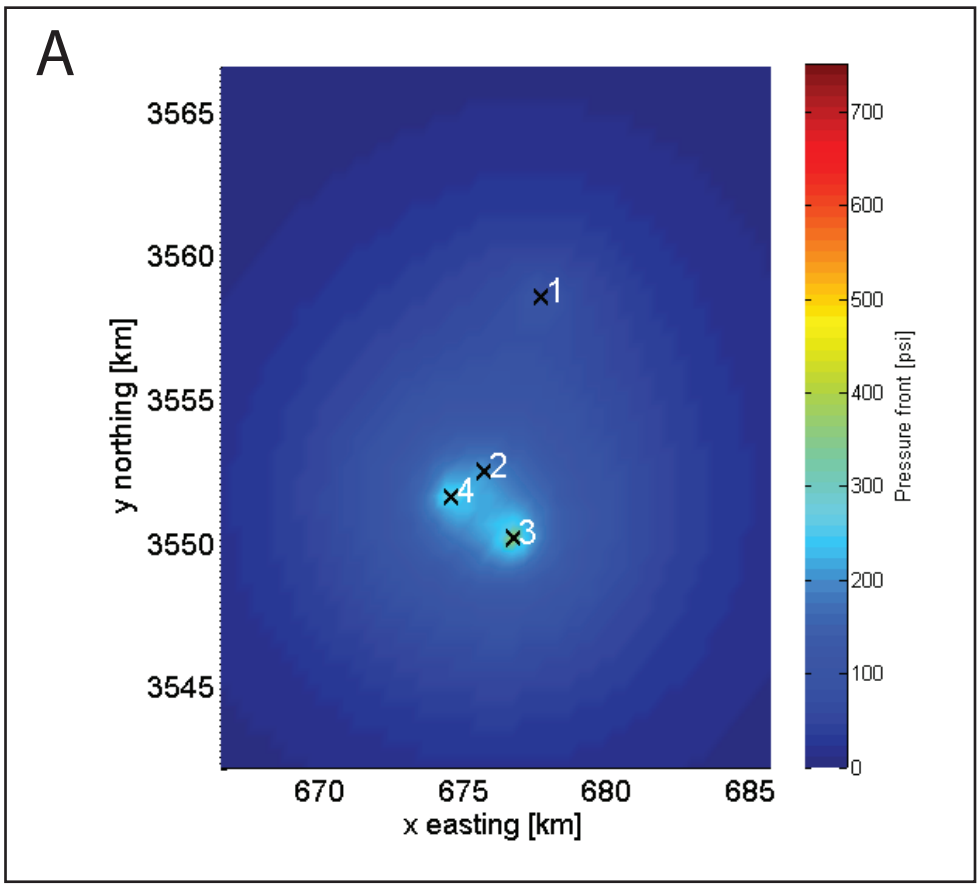

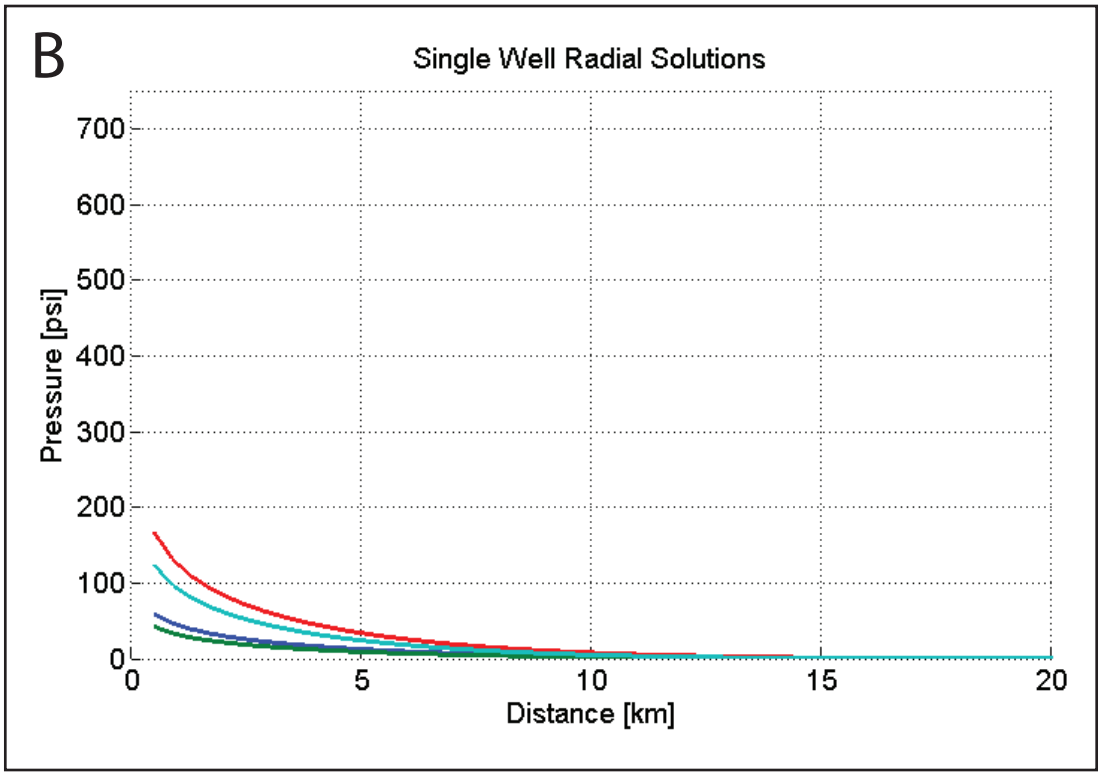

Figure 10. Model-predicted pressure fronts in the year 2052 (Panel A) and corresponding well radial pressure solutions (Panel B). As demonstrated in these figures, there is not a significant pressure front due to injection operations in the area of the proposed Javelina 34-25-37 SWD #1 .

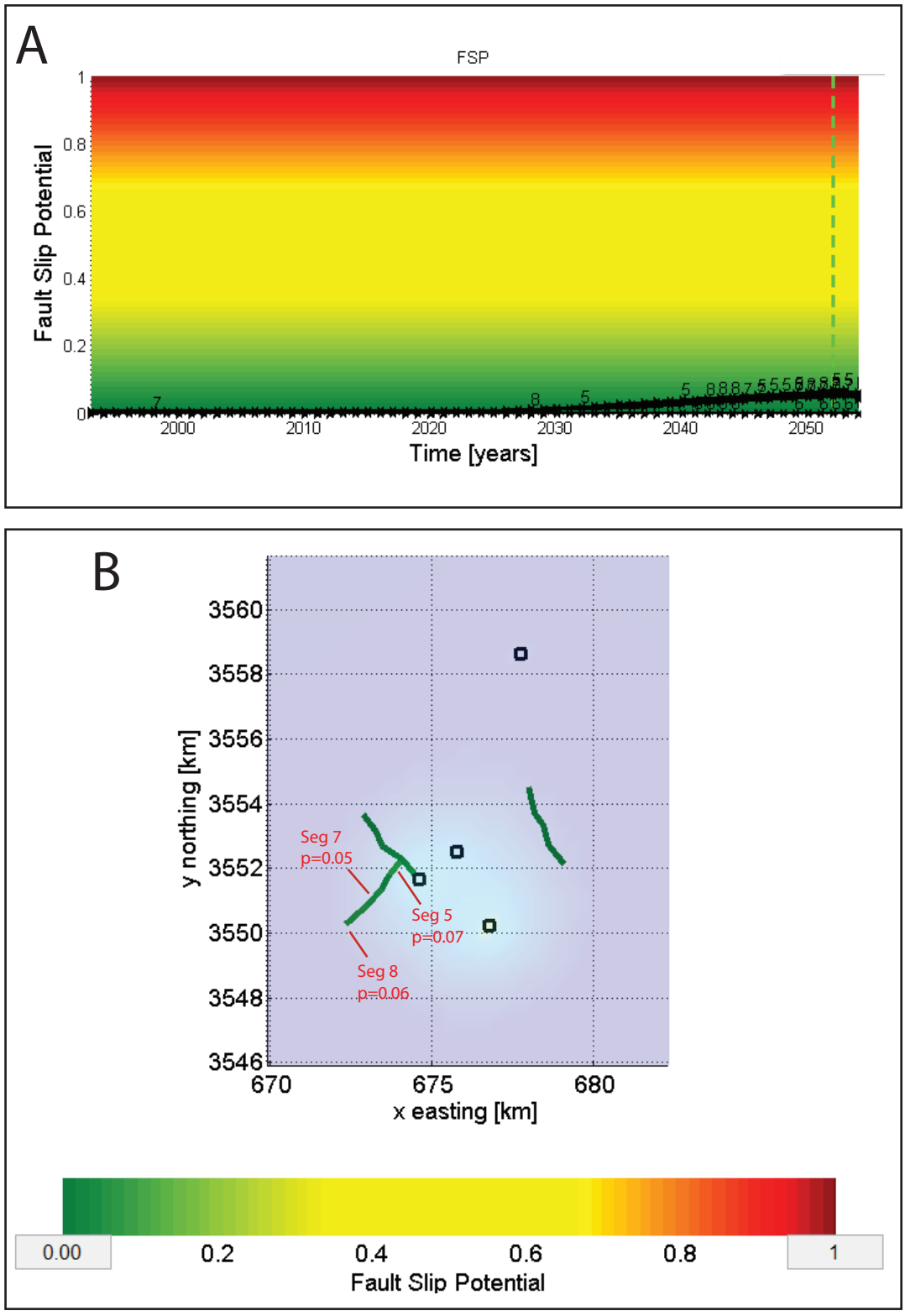

Figure 11. Summary of model-simulation results, including fault slip potential during the simulated injection period (Panel A), and map view illustrating model-predicted slip potential at the end of the 30-year injection simulation (Panel B).

APPENDIX A

INFORMATION ON OIL AND GAS WELLS WITHIN TWO MILES OF THE PROPOSED JAVELINA 34-25-37 SWD #1

Figure A-1:	All wells within a two-mile radius of Javelina 34-25-37 SWD #1
Figure A-2:	All wells within a one- and one-half mile radius of Javelina 34-25-37 SWD #1
Table A-1:	Tabulated summary of all wells (active, inactive, new/permitted) within one-half, one, and two miles of the proposed Javelina 34-25-37 SWD #1
Attachment 1:	Available NMOCD plugging document for nearby wells within one-half mile area of review penetrating the injection zone

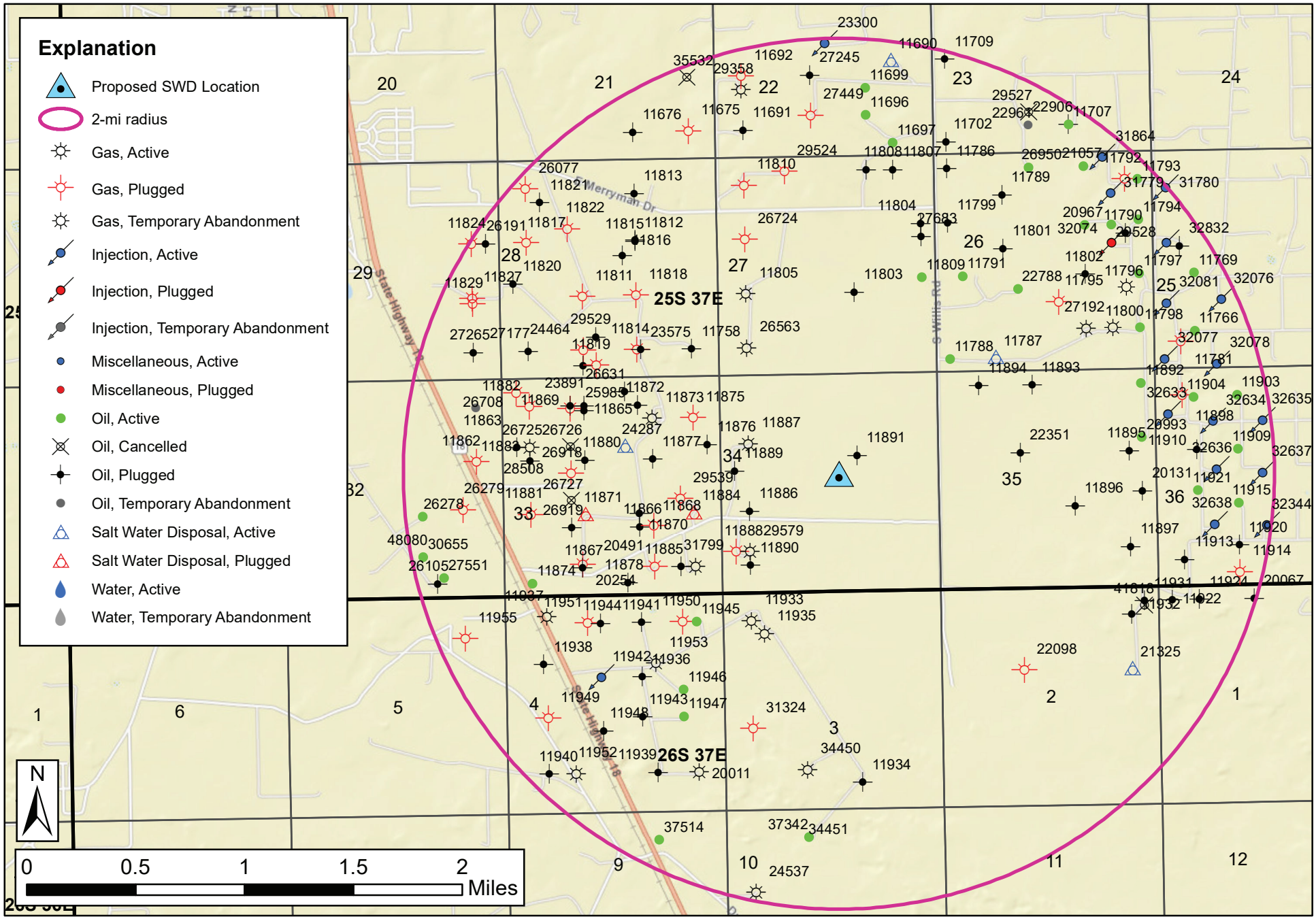

Figure A-1. All wells located within the two mile radius of the proposed Javelina 34-25-37 SWD #1, to be located at 32.08738, -103.15006 NAD 83.

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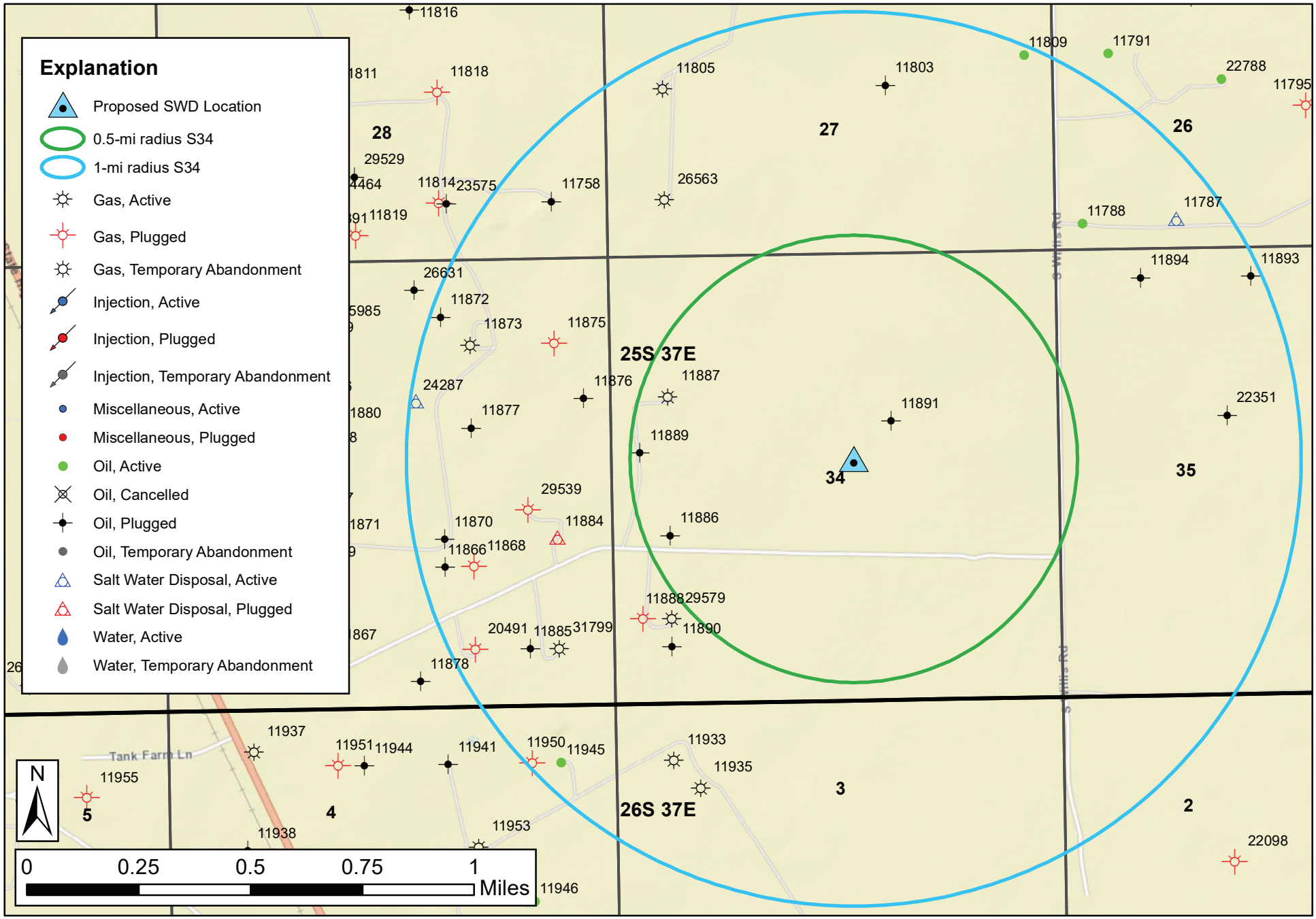

Figure A-2. All wells located within the one mile and one-half mile radius of the proposed Javelina 34-25-37 SWD #1 (32.08738, -103.15006 NAD 83).

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Table A-1. All wells located within a two-mile radius of the proposed BC & D Javelina 34-25-37 SWD #1 well.

API	Well Name	Well Type	Well Status	Operator Name	Sec	T	R	LAT 83	LONG 83	Total Depth (ft)	Associated Pools	Plug Date	Miles from SWD
30-025-11891	PRE-ONGARD WELL #001	Oil	Plugged	PRE-ONGARD WELL OPERATOR	34	25S	37E	32.0886	-103.1486	0	JALMAT, TAN-YATES-7 RVRS (OIL)		0.12
30-025-11887	DABBS #004	Gas	Active	FAE II Operating LLC	34	25S	37E	32.0895	-103.1571	9,273	JALMAT, TAN-YATES-7 RVRS (GAS)		0.44
30-025-11886	PRE-ONGARD WELL #001	Oil	Plugged	PRE-ONGARD WELL OPERATOR	34	25S	37E	32.085	-103.1571	0	No Data		0.44
30-025-11889	DABBS #002	Oil	Plugged	DOYLE HARTMAN	34	25S	37E	32.0877	-103.1582	3,301	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	7/21/2005	0.48
30-025-29579	DABBS #003	Gas	Active	FAE II Operating LLC	34	25S	37E	32.0823	-103.1571	3,375	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG; JALMAT, TAN-YATES-7 RVRS (GAS)		0.54
30-025-11890	PRE-ONGARD WELL #001	Oil	Plugged	PRE-ONGARD WELL OPERATOR	34	25S	37E	32.0814	-103.1571	0	No Data		0.58
30-025-11888	DABBS #001	Gas	Plugged	PLANTATION OPERATING LLC	34	25S	37E	32.0823	-103.1582	2,785	JALMAT, TAN-YATES-7 RVRS (GAS)	7/27/2005	0.59
30-025-11876	SHAHAN 33 #002	Oil	Plugged	BURLESON PETROLEUM, INC	33	25S	37E	32.0895	-103.1603	3,290	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	9/21/1994	0.62
30-025-11884	GREGORY A #005	Salt Water Disposal	Plugged	DC ENERGY LLC	33	25S	37E	32.085	-103.1614	3,266	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG; SWD, QUEEN	9/27/2013	0.69
30-025-26563	SANTA FE FEDERAL #001	Gas	Active	FAE II Operating LLC	27	25S	37E	32.0959	-103.1571	3,400	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG; JALMAT, TAN-YATES-7 RVRS (GAS)		0.72
30-025-11875	SHAHAN 33 #001	Gas	Plugged	HERMAN L. LOEB LLC	33	25S	37E	32.0913	-103.1614	3,275	JALMAT, TAN-YATES-7 RVRS (GAS)	12/21/2009	0.72
30-025-11788	HENRY #003	Oil	Active	MAMMOTH EXPLORATION, LLC	26	25S	37E	32.0949	-103.1412	3,325	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		0.73
30-025-29539	GREGORY A #008	Gas	Plugged	DC ENERGY LLC	33	25S	37E	32.0859	-103.1625	3,535	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	7/23/2013	0.74
30-025-11894	PRE-ONGARD WELL #002	Oil	Plugged	PRE-ONGARD WELL OPERATOR	35	25S	37E	32.0931	-103.139	0	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		0.76
30-025-31799	EL PASO TOM FEDERAL #008	Gas	Active	FAE II Operating LLC	33	25S	37E	32.0814	-103.1614	3,000	JALMAT, TAN-YATES-7 RVRS (OIL); JALMAT, TAN-YATES-7 RVRS (GAS)		0.78
30-025-11933	C C CAGLE C #003	Gas	Active	REMUDA OPERATING CO	03	26S	37E	32.0777	-103.1571	0	JALMAT, TAN-YATES-7 RVRS (GAS)		0.78
30-025-11935	C C CAGLE C #001	Gas	Active	REMUDA OPERATING CO	03	26S	37E	32.0768	-103.1561	3,326	JALMAT, TAN-YATES-7 RVRS (GAS)		0.81
30-025-11885	PRE-ONGARD WELL #006	Oil	Plugged	PRE-ONGARD WELL OPERATOR	33	25S	37E	32.0814	-103.1625	0	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		0.84
30-025-11803	PRE-ONGARD WELL #001	Oil	Plugged	PRE-ONGARD WELL OPERATOR	27	25S	37E	32.0995	-103.1486	0	No Data		0.84
30-025-22351	PRE-ONGARD WELL #003	Oil	Plugged	PRE-ONGARD WELL OPERATOR	35	25S	37E	32.0886	-103.1358	0	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		0.84
30-025-11877	SHAHAN 33 #003	Oil	Plugged	HERMAN L. LOEB LLC	33	25S	37E	32.0886	-103.1646	3,227	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG; JALMAT, TAN-YATES-7 RVRS (GAS)	12/15/2009	0.86
30-025-11868	EL PASO TOM FEDERAL #006	Gas	Plugged	CIMAREX ENERGY CO. OF COLORADO	33	25S	37E	32.0841	-103.1646	3,074	JALMAT, TAN-YATES-7 RVRS (GAS)	8/19/2010	0.88

30-025-11758	COOK #002	Oil	Plugged	HERMAN L. LOEB LLC	28	25S	37E	32.0959	-103.1614	3,284	JALMAT, TAN-YATES-7 RVRS (OIL); JALMAT, TAN-YATES-7 RVRS (GAS)	3/21/2017	0.89
30-025-11873	G W SHAHAN #002	Gas	Active	UNIFIED OPERATING LLC	33	25S	37E	32.0913	-103.1646	8,248	CROSBY, DEVONIAN (GAS)		0.89
30-025-11787	JUSTIS SWD #026	Salt Water Disposal	Active	RICE OPERATING COMPANY	26	25S	37E	32.095	-103.1376	4,800	SWD, SAN ANDRES		0.90
30-025-11805	HARRISON FEDERAL WB #001	Gas	Active	FAE II Operating LLC	27	25S	37E	32.0995	-103.1571	3,270	JALMAT, TAN-YATES-7 RVRS (GAS)		0.93
30-025-11870	CROSBY DEEP #003	Oil	Plugged	DC ENERGY LLC	33	25S	37E	32.085	-103.1657	10,155	CROSBY, FUSSELMAN	4/27/2012	0.93
30-025-11945	FARNSWORTH 4 #002	Oil	Active	FAE II Operating LLC	04	26S	37E	32.0777	-103.1614	3,210	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		0.94
30-025-11866	PRE-ONGARD WELL #001	Oil	Plugged	PRE-ONGARD WELL OPERATOR	33	25S	37E	32.0841	-103.1657	0	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		0.94
30-025-20491	GREGORY EL PASO FEDERAL #001	Gas	Plugged	DC ENERGY LLC	33	25S	37E	32.0814	-103.1646	8,461	CROSBY, DEVONIAN (GAS)	5/3/2019	0.95
30-025-11872	PRE-ONGARD WELL #001	Oil	Plugged	PRE-ONGARD WELL OPERATOR	33	25S	37E	32.0922	-103.1657	3,280	JALMAT, TAN-YATES-7 RVRS (OIL)		0.98
30-025-11893	PRE-ONGARD WELL #001	Oil	Plugged	PRE-ONGARD WELL OPERATOR	35	25S	37E	32.0931	-103.1348	0	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		0.98
30-025-11809	CARLSON B 27 #002	Oil	Active	FAE II Operating LLC	27	25S	37E	32.1004	-103.1433	3,307	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		0.98
30-025-24287	CROSBY DEEP #002	Salt Water Disposal	Active	DC ENERGY LLC	33	25S	37E	32.0895	-103.1667	10,445	CROSBY, FUSSELMAN; SWD, FUSSELMAN		0.99
30-025-11950	PRE-ONGARD WELL #006	Gas	Plugged	PRE-ONGARD WELL OPERATOR	04	26S	37E	32.0777	-103.1625	0	CROSBY, DEVONIAN (GAS)		0.99
30-025-26631	SHAHAN #001	Oil	Plugged	HERMAN L. LOEB LLC	33	25S	37E	32.0931	-103.1667	3,244	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	1/14/2010	1.05
30-025-11791	HENRY #001	Oil	Active	MAMMOTH EXPLORATION, LLC	26	25S	37E	32.1004	-103.1401	3,325	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.07
30-025-23575	COOK #003	Oil	Plugged	HERMAN L. LOEB LLC	28	25S	37E	32.0959	-103.1654	8,240	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	7/29/2009	1.07
30-025-11878	PRE-ONGARD WELL #001	Oil	Plugged	PRE-ONGARD WELL OPERATOR	33	25S	37E	32.0804	-103.1667	0	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.09
30-025-11814	PRE-ONGARD WELL #002	Gas	Plugged	PRE-ONGARD WELL OPERATOR	28	25S	37E	32.0959	-103.1657	0	JALMAT, TAN-YATES-7 RVRS (GAS)		1.09
30-025-11896	GREGORY C #003	Oil	Plugged	BURLINGTON RESOURCES OIL & GAS CO	35	25S	37E	32.085	-103.1316	999	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	10/20/1993	1.10
30-025-11941	FARNSWORTH 4 #001	Oil	Plugged	CIMAREX ENERGY CO. OF COLORADO	04	26S	37E	32.0777	-103.1657	3,210	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	6/20/2015	1.13
30-025-27683	PRE-ONGARD WELL #001	Oil	Plugged	PRE-ONGARD WELL OPERATOR	27	25S	37E	32.1031	-103.1433	0	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.15
30-025-26724	PRE-ONGARD WELL #003	Gas	Plugged	PRE-ONGARD WELL OPERATOR	27	25S	37E	32.1031	-103.1571	0	JALMAT, TAN-YATES-7 RVRS (GAS)		1.16
30-025-11880	GREGORY A #002	Oil	Plugged	ORYX ENERGY CO	33	25S	37E	32.0886	-103.1699	3,174	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	6/5/1984	1.17
30-025-11871	GREGORY EL PASO FEDERAL #004	Salt Water Disposal	Plugged	DC ENERGY LLC	33	25S	37E	32.085	-103.1699	8,372	CROSBY, DEVONIAN (GAS); SWD, SAN ANDRES	5/9/2019	1.18
30-025-22788	HENRY #004	Oil	Active	FAE II Operating LLC	26	25S	37E	32.0995	-103.1358	7,795	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG; WC-025 G-01 S253726K, GLORIETA		1.18
30-025-25985	CROSBY DEEP #004	Oil	Plugged	DC ENERGY LLC	33	25S	37E	32.0919	-103.1699	8,894	CROSBY, FUSSELMAN	4/29/2019	1.20

30-025-11953	FARNSWORTH C #002	Gas	Active	FAE II Operating LLC	04	26S	37E	32.075	-103.1646	2,900	RHODES, YATES-SEVEN RIVERS (GAS)		1.21
30-025-11865	GREGORY C #001	Oil	Plugged	DC ENERGY LLC	33	25S	37E	32.0922	-103.1699	3,238	JALMAT, TAN-YATES-7 RVRS (OIL)	12/29/2011	1.21
30-025-11804	PRE-ONGARD WELL #004	Oil	Plugged	PRE-ONGARD WELL OPERATOR	27	25S	37E	32.104	-103.1433	0	No Data		1.21
30-025-11946	FARNSWORTH 4 #003	Oil	Active	FAE II Operating LLC	04	26S	37E	32.0732	-103.1625	3,229	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.22
30-025-11819	PRE-ONGARD WELL #001	Gas	Plugged	PRE-ONGARD WELL OPERATOR	28	25S	37E	32.0949	-103.1689	0	JALMAT, TAN-YATES-7 RVRS (GAS)		1.22
30-025-26918	EL PASO TOM FEDERAL #003	Gas	Plugged	LANEXCO INC	33	25S	37E	32.0877	-103.171	3,300	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	5/8/2008	1.23
30-025-26727	PRE-ONGARD WELL #004	Oil	Cancelled	PRE-ONGARD WELL OPERATOR	33	25S	37E	32.0859	-103.171	0	No Data		1.23
30-025-31324	CAGLE C #004	Gas	Plugged	CIMAREX ENERGY CO. OF COLORADO	03	26S	37E	32.0705	-103.1571	99,999	JALMAT, TAN-YATES-7 RVRS (GAS)	3/29/2006	1.23
30-025-26726	PRE-ONGARD WELL #003	Oil	Cancelled	PRE-ONGARD WELL OPERATOR	33	25S	37E	32.0895	-103.171	0	No Data		1.24
30-025-22098	SPEAR STATE #001	Gas	Plugged	B BERNARD LANKFORD	02	26S	37E	32.0741	-103.1358	3,650	JALMAT, TAN-YATES-7 RVRS (GAS)	10/2/2006	1.24
30-025-11818	PRE-ONGARD WELL #001	Gas	Plugged	PRE-ONGARD WELL OPERATOR	28	25S	37E	32.0995	-103.1657	0	CROSBY, DEVONIAN (GAS)		1.24
30-025-20254	GREGORY EL PASO FEDERAL #002	Gas	Plugged	UNION TEXAS PETROLEUM CORP	33	25S	37E	32.0816	-103.1702	8,975	No Data	1/4/1964	1.25
30-025-26919	EL PASO TOM FEDERAL #004	Oil	Plugged	LANEXCO INC	33	25S	37E	32.0841	-103.171	3,300	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	6/7/2008	1.25
30-025-11867	GREGORY A #007	Oil	Plugged	DC ENERGY LLC	33	25S	37E	32.0814	-103.1702	3,299	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	6/28/2013	1.25
30-025-11799	PRE-ONGARD WELL #002	Oil	Plugged	PRE-ONGARD WELL OPERATOR	26	25S	37E	32.104	-103.1412	0	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.26
30-025-11879	PRE-ONGARD WELL #002Y	Gas	Plugged	PRE-ONGARD WELL OPERATOR	33	25S	37E	32.092	-103.171	0	CROSBY, DEVONIAN (GAS)		1.27
30-025-11869	PRE-ONGARD WELL #002	Oil	Plugged	PRE-ONGARD WELL OPERATOR	33	25S	37E	32.0922	-103.171	0	No Data		1.27
30-025-23891	CROSBY DEEP #001	Oil	Plugged	DC ENERGY LLC	28	25S	37E	32.0949	-103.1699	10,946	CROSBY, FUSSELMAN	6/5/2012	1.27
30-025-11801	PRE-ONGARD WELL #004	Oil	Plugged	PRE-ONGARD WELL OPERATOR	26	25S	37E	32.1022	-103.1369	0	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.28
30-025-29529	NANCY FEDERAL COM #001	Oil	Plugged	BURLESON PETROLEUM, INC	28	25S	37E	32.0968	-103.1689	3,400	JALMAT, TAN-YATES-7 RVRS (GAS)	9/13/1994	1.28
30-025-11795	CARLSON B 26 #003	Gas	Plugged	PERMIAN RESOURCES INC	26	25S	37E	32.0986	-103.1326	3,329	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	6/25/2003	1.28
30-025-11944	FARNSWORTH 4 #009	Oil	Plugged	CIMAREX ENERGY CO. OF COLORADO	04	26S	37E	32.0777	-103.1689	3,214	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.29
30-025-11936	PRE-ONGARD WELL #001	Oil	Plugged	PRE-ONGARD WELL OPERATOR	04	26S	37E	32.0741	-103.1657	3,297	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.30
30-025-24464	PRE-ONGARD WELL #001	Gas	Plugged	PRE-ONGARD WELL OPERATOR	28	25S	37E	32.0959	-103.1699	0	CROSBY, DEVONIAN (GAS)		1.30
30-025-27192	TERRA CARLSON B FEDERAL #001	Gas	Active	FAE II Operating LLC	26	25S	37E	32.0968	-103.1305	3,375	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.32
30-025-11947	FARNSWORTH 4 #010	Oil	Active	FAE II Operating LLC	04	26S	37E	32.0714	-103.1625	3,280	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.32

30-025-11895	PRE-ONGARD WELL #002	Oil	Plugged	PRE-ONGARD WELL OPERATOR	35	25S	37E	32.0886	-103.1273	0	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.34
30-025-11951	PRE-ONGARD WELL #007	Gas	Plugged	PRE-ONGARD WELL OPERATOR	04	26S	37E	32.0777	-103.1699	8,985	CROSBY, DEVONIAN (GAS)		1.34
30-025-34450	CAGLE C #005	Gas	Active	FAE II Operating LLC	03	26S	37E	32.0677	-103.1529	3,498	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG; JALMAT, TAN-YATES-7 RVRS (GAS)		1.37
30-025-11897	L L GREGORY #001	Oil	Plugged	BURLINGTON RESOURCES OIL & GAS CO	35	25S	37E	32.0822	-103.1273	3,284	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	12/27/1992	1.38
30-025-11810	CARLSON HARRISON FEDERAL COM #002	Gas	Plugged	CIMAREX ENERGY CO. OF COLORADO	27	25S	37E	32.1067	-103.1571	99,999	JALMAT, TAN-YATES-7 RVRS (GAS)	10/10/2003	1.39
30-025-20131	PRE-ONGARD WELL #001	Oil	Plugged	PRE-ONGARD WELL OPERATOR	35	25S	37E	32.0859	-103.1263	0	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.40
30-025-11808	PRE-ONGARD WELL #001	Oil	Plugged	PRE-ONGARD WELL OPERATOR	27	25S	37E	32.1076	-103.1475	0	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.40
30-025-20993	SOUTH JUSTIS UNIT #028	Oil	Active	LEGACY RESERVES OPERATING, LP	35	25S	37E	32.0895	-103.1263	5,800	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.40
30-025-29524	CARLSON HARRISON FEDERAL COM #005	Gas	Plugged	CIMAREX ENERGY CO. OF COLORADO	27	25S	37E	32.1076	-103.1539	3,550	JALMAT, TAN-YATES-7 RVRS (GAS)	5/20/2016	1.41
30-025-11816	PRE-ONGARD WELL #001	Oil	Plugged	PRE-ONGARD WELL OPERATOR	28	25S	37E	32.1022	-103.1667	0	No Data		1.41
30-025-11883	PRE-ONGARD WELL #004	Oil	Plugged	PRE-ONGARD WELL OPERATOR	33	25S	37E	32.0886	-103.1742	0	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.42
30-025-11815	PRE-ONGARD WELL #001	Oil	Plugged	PRE-ONGARD WELL OPERATOR	28	25S	37E	32.1031	-103.1657	0	No Data		1.42
30-025-11807	PRE-ONGARD WELL #003	Oil	Plugged	PRE-ONGARD WELL OPERATOR	27	25S	37E	32.1076	-103.1454	0	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.42
30-025-11934	C C CAGLE C #002	Oil	Plugged	HESS CORPORATION	03	26S	37E	32.0668	-103.1486	3,500	No Data		1.42
30-025-28508	EL PASO TOM FEDERAL #005	Gas	Active	Energy Acumen LLC	33	25S	37E	32.0895	-103.1742	3,210	JALMAT, TAN-YATES-7 RVRS (GAS)		1.42
30-025-11812	PRE-ONGARD WELL #002	Oil	Plugged	PRE-ONGARD WELL OPERATOR	28	25S	37E	32.1032	-103.1657	0	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.42
30-025-11881	EL PASO TOM FEDERAL #007	Gas	Plugged	CIMAREX ENERGY CO. OF COLORADO	33	25S	37E	32.085	-103.1742	3,214	JALMAT, TAN-YATES-7 RVRS (GAS)	8/25/2010	1.43
30-025-11800	CARLSON B 26 #002	Gas	Temporary Abandonment	FAE II Operating LLC	26	25S	37E	32.0968	-103.1284	3,279	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.43
30-025-11811	PRE-ONGARD WELL #001	Gas	Plugged	PRE-ONGARD WELL OPERATOR	28	25S	37E	32.0995	-103.1699	10,830	JALMAT, TAN-YATES-7 RVRS (GAS)		1.43
30-025-11943	RHODES FEDERAL UNIT #044	Oil	Plugged	CIMAREX ENERGY CO. OF COLORADO	04	26S	37E	32.0714	-103.1657	3,248	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	6/16/2015	1.43
30-025-11942	FARNSWORTH 4 #007	Injection	Active	FAE II Operating LLC	04	26S	37E	32.0741	-103.1689	3,248	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG; SWD, SEVEN RIVERS-QUEEN		1.43
30-025-11892	SOUTH JUSTIS UNIT #027	Oil	Active	LEGACY RESERVES OPERATING, LP	35	25S	37E	32.0931	-103.1263	5,925	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.45
30-025-11882	EL PASO TOM FEDERAL #009	Gas	Plugged	LANEXCO INC	33	25S	37E	32.0922	-103.1742	4,000	JALMAT, TAN-YATES-7 RVRS (GAS)	10/6/2005	1.45
30-025-11802	PRE-ONGARD WELL #007	Oil	Plugged	PRE-ONGARD WELL OPERATOR	26	25S	37E	32.1004	-103.1305	0	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.46
30-025-26725	EL PASO TOM FEDERAL #002	Oil	Plugged	LANEXCO INC	33	25S	37E	32.0895	-103.1752	3,300	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	1/15/2001	1.48

30-025-11789	PRE-ONGARD WELL #001	Oil	Plugged	PRE-ONGARD WELL OPERATOR	26	25S	37E	32.1058	-103.1369	0	No Data		1.49
30-025-11786	PRE-ONGARD WELL #001	Oil	Plugged	PRE-ONGARD WELL OPERATOR	26	25S	37E	32.1076	-103.1412	0	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.49
30-025-11937	RHODES FEDERAL UNIT #045	Gas	Active	FAE II Operating LLC	04	26S	37E	32.0782	-103.1731	3,289	RHODES, YATES-SEVEN RIVERS (GAS)		1.49
30-025-11932	PRE-ONGARD WELL #001	Oil	Plugged	PRE-ONGARD WELL OPERATOR	02	26S	37E	32.0777	-103.1273	3,450	No Data		1.49
30-025-11874	R O GREGORY #003	Oil	Active	FAE II Operating LLC	33	25S	37E	32.0804	-103.1742	3,286	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG; JALMAT, TAN-YATES-7 RVRS (GAS)		1.50
30-025-20011	RHODES FEDERAL UNIT #047	Gas	Active	FAE II Operating LLC	04	26S	37E	32.0677	-103.1614	2,974	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG; RHODES, YATES-SEVEN RIVERS (GAS)		1.51
30-025-11931	PRE-ONGARD WELL #001	Oil	Plugged	PRE-ONGARD WELL OPERATOR	02	26S	37E	32.0786	-103.1263	3,331	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	10/16/1941	1.52
30-025-26708	EL PASO TOM FEDERAL #001	Gas	Plugged	LANEXCO INC	33	25S	37E	32.0931	-103.1752	3,330	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	10/5/2005	1.53
30-025-41818	STAR STATE #001C	Oil	Cancelled	MACK ENERGY CORP	02	26S	37E	32.0783	-103.1263	0	JUSTIS, ABO		1.53
30-025-27177	CROSBY A #003	Oil	Plugged	AMERICAN INLAND RESOURCES COMPANY LLC	28	25S	37E	32.0959	-103.1742	3,400	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	6/2/2003	1.53
30-025-32633	SOUTH JUSTIS UNIT #295	Injection	Active	LEGACY RESERVES OPERATING, LP	36	25S	37E	32.091	-103.1242	6,200	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.54
30-025-11798	SOUTH JUSTIS UNIT #026	Oil	Active	LEGACY RESERVES OPERATING, LP	26	25S	37E	32.0968	-103.1263	6,000	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.54
30-025-11697	CARLSON A #001	Oil	Active	FAE II Operating LLC	22	25S	37E	32.1094	-103.1454	3,331	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.54
30-025-11796	CARLSON B 26 #004	Gas	Temporary Abandonment	FAE II Operating LLC	26	25S	37E	32.0995	-103.1273	4,831	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.57
30-025-32077	SOUTH JUSTIS UNIT #260M	Injection	Active	LEGACY RESERVES OPERATING, LP	25	25S	37E	32.0947	-103.1244	6,000	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.59
30-025-11813	LANEHART A #001	Oil	Plugged	HERMAN L. LOEB LLC	28	25S	37E	32.1063	-103.1657	3,320	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	1/15/2010	1.59
30-025-11948	RHODES FEDERAL UNIT #042	Oil	Plugged	CIMAREX ENERGY CO. OF COLORADO	04	26S	37E	32.0705	-103.1688	3,282	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	8/13/2010	1.60
30-025-11939	RHODES FEDERAL UNIT #046	Oil	Plugged	CIMAREX ENERGY CO. OF COLORADO	04	26S	37E	32.0677	-103.1646	3,288	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	5/4/2008	1.60
30-025-11702	HARRISON #001	Oil	Plugged	PERMIAN RESOURCES INC	23	25S	37E	32.1094	-103.1412	99,999	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	9/12/2002	1.60
30-025-20967	SOUTH JUSTIS UNIT #024	Oil	Active	LEGACY RESERVES OPERATING, LP	26	25S	37E	32.1037	-103.1305	5,830	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.61
30-025-11938	FARNSWORTH 4 #012	Oil	Plugged	BURLINGTON RESOURCES OIL & GAS COMPANY LP	04	26S	37E	32.075	-103.1734	3,286	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.61
30-025-11898	PRE-ONGARD WELL #001	Gas	Plugged	PRE-ONGARD WELL OPERATOR	36	25S	37E	32.0922	-103.1231	0	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.62
30-025-21325	JUSTIS SWD #002	Salt Water Disposal	Active	RICE OPERATING COMPANY	02	26S	37E	32.0741	-103.1273	5,750	SWD, GRAYBURG-SAN ANDRES-GLORIETA		1.62
30-025-11913	PRE-ONGARD WELL #001	Oil	Plugged	PRE-ONGARD WELL OPERATOR	36	25S	37E	32.0813	-103.1231	0	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.64
30-025-11922	PRE-ONGARD WELL #001	Oil	Plugged	PRE-ONGARD WELL OPERATOR	01	26S	37E	32.0786	-103.1241	3,358	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.64

30-025-11691	PRE-ONGARD WELL #001	Oil	Plugged	PRE-ONGARD WELL OPERATOR	22	25S	37E	32.1104	-103.1571	0	No Data		1.64
30-025-32074	SOUTH JUSTIS UNIT #240	Injection	Plugged	LEGACY RESERVES OPERATING, LP	26	25S	37E	32.1025	-103.1284	6,050	JUSTIS, BLINEBRY-TUBB-DRINKARD	10/11/2017	1.64
30-025-11910	PRE-ONGARD WELL #012	Oil	Plugged	PRE-ONGARD WELL OPERATOR	36	25S	37E	32.0886	-103.122	0	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.65
30-025-11921	SOUTH JUSTIS UNIT #029	Oil	Active	LEGACY RESERVES OPERATING, LP	36	25S	37E	32.0859	-103.122	6,100	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.65
30-025-27449	TERRA FEDERAL #002	Gas	Plugged	ENDEAVOR ENERGY RESOURCES, LP	22	25S	37E	32.1113	-103.1518	3,470	JALMAT, TAN-YATES-7 RVRS (GAS)	2/23/2021	1.65
30-025-11696	CARLSON A #002	Oil	Active	FAE II Operating LLC	22	25S	37E	32.1113	-103.1475	3,354	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.65
30-025-26950	TERRA CARLSON FEDERAL #001	Oil	Active	FAE II Operating LLC	26	25S	37E	32.1076	-103.1348	3,452	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.66
30-025-11797	SOUTH JUSTIS UNIT #025	Oil	Active	LEGACY RESERVES OPERATING, LP	26	25S	37E	32.1004	-103.1263	6,250	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.66
30-025-11862	ARNOTT RAMSAY NCT B #002	Gas	Plugged	CHEVRON U S A INC	32	25S	37E	32.0886	-103.1784	0	JALMAT, TAN-YATES-7 RVRS (GAS)		1.66
30-025-11904	SOUTH JUSTIS UNIT #027	Oil	Active	LEGACY RESERVES OPERATING, LP	36	25S	37E	32.0921	-103.1222	5,930	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.67
30-025-37342	CAGLE C FEDERAL COM #006	Oil	Active	FAE II Operating LLC	10	26S	37E	32.0632	-103.1529	3,370	RHODES, YATES-SEVEN RIVERS (GAS)		1.67
30-025-34451	CAGLE C #006	Gas	Cancelled	CIMAREX ENERGY CO. OF COLORADO	10	26S	37E	32.0632	-103.1529	0	No Data		1.67
30-025-11822	SAUNDERS ESTATE #002	Gas	Plugged	BURLESON PETROLEUM, INC	28	25S	37E	32.104	-103.171	8,600	JALMAT, TAN-YATES-7 RVRS (GAS)	8/12/1994	1.68
30-025-11781	CARLSON A FEDERAL #002	Gas	Plugged	BURLINGTON RESOURCES OIL & GAS CO	25	25S	37E	32.0958	-103.1231	3,223	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	12/7/1993	1.68
30-025-11863	ARNOTT RAMSAY NCT-B #003	Oil	Temporary Abandonment	FAE II Operating LLC	32	25S	37E	32.0922	-103.1784	8,797	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG; JALMAT, TAN-YATES-7 RVRS (GAS)		1.70
30-025-32081	SOUTH JUSTIS UNIT #250L	Injection	Active	LEGACY RESERVES OPERATING, LP	25	25S	37E	32.0984	-103.1242	6,050	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.70
30-025-29528	CARLSON #005	Oil	Active	FAE II Operating LLC	26	25S	37E	32.1037	-103.1284	3,441	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.70
30-025-11790	CARLSON #002	Oil	Plugged	CIMAREX ENERGY CO. OF COLORADO	26	25S	37E	32.1031	-103.1273	3,190	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	2/25/2010	1.72
30-025-11675	HADFIELD #002	Gas	Plugged	HERMAN L. LOEB LLC	21	25S	37E	32.1104	-103.1614	3,032	JALMAT, TAN-YATES-7 RVRS (OIL); JALMAT, TAN-YATES-7 RVRS (GAS)	9/25/2009	1.72
30-025-11820	PRE-ONGARD WELL #002	Oil	Plugged	PRE-ONGARD WELL OPERATOR	28	25S	37E	32.1004	-103.1753	0	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.73
30-025-26279	ARNOTT RAMSAY NCT-B #007	Gas	Plugged	PLANTATION OPERATING LLC	32	25S	37E	32.0854	-103.1795	3,600	JALMAT, TAN-YATES-7 RVRS (GAS)	9/19/2005	1.73
30-025-32636	SOUTH JUSTIS UNIT #296	Injection	Active	LEGACY RESERVES OPERATING, LP	36	25S	37E	32.0873	-103.1205	6,150	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.73
30-025-32634	SOUTH JUSTIS UNIT #294	Injection	Active	LEGACY RESERVES OPERATING, LP	36	25S	37E	32.0905	-103.1207	6,200	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.74
30-025-32638	SOUTH JUSTIS UNIT #293	Injection	Active	LEGACY RESERVES OPERATING, LP	36	25S	37E	32.0836	-103.1207	6,150	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.74

30-025-11949	RHODES FEDERAL UNIT #043	Gas	Plugged	CIMAREX ENERGY CO. OF COLORADO	04	26S	37E	32.0714	-103.1731	3,312	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG; RHODES, YATES-SEVEN RIVERS (GAS)	1/22/2012	1.74
30-025-11924	PRE-ONGARD WELL #002	Oil	Plugged	PRE-ONGARD WELL OPERATOR	01	26S	37E	32.0786	-103.122	3,368	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.75
30-025-11766	SOUTH JUSTIS UNIT #026	Oil	Active	LEGACY RESERVES OPERATING, LP	25	25S	37E	32.0965	-103.122	5,909	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.76
30-025-27265	CROSBY A #004	Oil	Plugged	AMERICAN INLAND RESOURCES COMPANY LLC	29	25S	37E	32.0959	-103.1785	3,419	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	11/8/2003	1.77
30-025-11699	Harrison Federal #003	Oil	Active	FAE II Operating LLC	22	25S	37E	32.1131	-103.1475	3,403	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.78
30-025-11817	SAUNDERS ESTATE #001	Gas	Plugged	BURLESON PETROLEUM, INC	28	25S	37E	32.1031	-103.1742	0	JALMAT, TAN-YATES-7 RVRS (GAS)		1.78
30-025-31779	SOUTH JUSTIS UNIT #230	Injection	Active	LEGACY RESERVES OPERATING, LP	26	25S	37E	32.1058	-103.1284	6,050	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.80
30-025-11794	SOUTH JUSTIS UNIT #024	Oil	Active	LEGACY RESERVES OPERATING, LP	26	25S	37E	32.104	-103.1263	5,985	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.80
30-025-21057	SOUTH JUSTIS UNIT #023	Oil	Active	LEGACY RESERVES OPERATING, LP	26	25S	37E	32.1076	-103.1305	6,050	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.80
30-025-32078	SOUTH JUSTIS UNIT #260	Injection	Active	LEGACY RESERVES OPERATING, LP	25	25S	37E	32.0943	-103.1203	5,998	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.81
30-025-29358	CARLSON HARRISON FEDERAL COM #004	Gas	Active	FAE II Operating LLC	22	25S	37E	32.1131	-103.1572	3,625	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG; JALMAT, TAN-YATES-7 RVRS (GAS)		1.82
30-025-22961	EL PASO FEDERAL #002	Oil	Temporary Abandonment	LEGACY RESERVES OPERATING, LP	23	25S	37E	32.1104	-103.1348	7,315	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.82
30-025-11952	RHODES FEDERAL UNIT #041	Gas	Active	FAE II Operating LLC	04	26S	37E	32.0677	-103.171	3,160	RHODES, YATES-SEVEN RIVERS (GAS)		1.83
30-025-11676	HADFIELD #001	Oil	Plugged	HERMAN L. LOEB LLC	21	25S	37E	32.1104	-103.1657	3,024	JALMAT, TAN-YATES-7 RVRS (OIL)	7/19/2009	1.83
30-025-11909	SOUTH JUSTIS UNIT #028	Oil	Active	LEGACY RESERVES OPERATING, LP	36	25S	37E	32.0886	-103.1188	5,930	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.84
30-025-27245	TERRA FEDERAL #001	Oil	Plugged	ENDEAVOR ENERGY RESOURCES, LP	22	25S	37E	32.114	-103.1518	3,470	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	1/12/2018	1.84
30-025-31736	SOUTH JUSTIS UNIT #240	Injection	Active	LEGACY RESERVES OPERATING, LP	25	25S	37E	32.1024	-103.1241	6,080	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.84
30-025-11915	SOUTH JUSTIS UNIT #029	Oil	Active	LEGACY RESERVES OPERATING, LP	36	25S	37E	32.085	-103.1188	5,830	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.84
30-025-11829	PRE-ONGARD WELL #001	Gas	Plugged	PRE-ONGARD WELL OPERATOR	29	25S	37E	32.0991	-103.1785	0	CUSTER, DEVONIAN (GAS)		1.85
30-025-11821	PRE-ONGARD WELL #001	Oil	Plugged	PRE-ONGARD WELL OPERATOR	28	25S	37E	32.1058	-103.1731	0	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.85
30-025-11903	SOUTH JUSTIS UNIT #027	Oil	Active	LEGACY RESERVES OPERATING, LP	36	25S	37E	32.0922	-103.1188	6,290	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.86
30-025-11827	GUTMAN #001	Gas	Plugged	BURLESON PETROLEUM, INC	29	25S	37E	32.0995	-103.1785	3,270	JALMAT, TAN-YATES-7 RVRS (GAS)	9/14/1994	1.87
30-025-11920	SOUTH JUSTIS UNIT #030	Oil	Plugged	LEGACY RESERVES OPERATING, LP	36	25S	37E	32.0822	-103.1188	5,885	JUSTIS, BLINEBRY-TUBB-DRINKARD	11/30/2009	1.87
30-025-37514	RHODES FEDERAL UNIT #098	Oil	Active	FAE II Operating LLC	09	26S	37E	32.0632	-103.1646	3,377	LEONARD, QUEEN, SOUTH; RHODES, YATES-SEVEN RIVERS (GAS)		1.87

30-025-11769	SOUTH JUSTIS UNIT #025	Oil	Active	LEGACY RESERVES OPERATING, LP	25	25S	37E	32.1004	-103.122	6,000	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.87
30-025-11955	PRE-ONGARD WELL #003	Gas	Plugged	PRE-ONGARD WELL OPERATOR	05	26S	37E	32.0768	-103.1795	3,290	RHODES, YATES-SEVEN RIVERS (GAS)		1.87
30-025-27551	ARNOTT RAMSAY NCT-B #012	Oil	Active	FAE II Operating LLC	32	25S	37E	32.0809	-103.1811	3,620	JALMAT, TAN-YATES-7 RVRS (OIL); LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.87
30-025-29527	PRE-ONGARD WELL #003	Oil	Cancelled	PRE-ONGARD WELL OPERATOR	23	25S	37E	32.1113	-103.1347	0	No Data		1.88
30-025-11692	CARLSON HARRISON FEDERAL COM #001	Gas	Plugged	CIMAREX ENERGY CO. OF COLORADO	22	25S	37E	32.114	-103.1572	99,999	JALMAT, TAN-YATES-7 RVRS (GAS)	3/21/2006	1.88
30-025-32832	IDA WIMBERLEY #020	Oil	Plugged	LEGACY RESERVES OPERATING, LP	25	25S	37E	32.1022	-103.1231	3,350	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	5/4/2022	1.88
30-025-11792	IDA WIMBERLEY #001	Gas	Plugged	HESS CORPORATION	26	25S	37E	32.1067	-103.1273	0	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.89
30-025-31864	SOUTH JUSTIS UNIT #232	Injection	Active	LEGACY RESERVES OPERATING, LP	26	25S	37E	32.1082	-103.129	6,050	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.89
30-025-11914	PRE-ONGARD WELL #005	Gas	Plugged	PRE-ONGARD WELL OPERATOR	36	25S	37E	32.0804	-103.1188	0	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.90
30-025-26105	ARNOTT RAMSAY NCT-B #005	Oil	Plugged	DOYLE HARTMAN	32	25S	37E	32.0805	-103.1816	3,500	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	11/9/2001	1.91
30-025-11940	PRE-ONGARD WELL #006	Oil	Plugged	PRE-ONGARD WELL OPERATOR	04	26S	37E	32.0677	-103.1731	3,365	No Data		1.91
30-025-11690	Harrison Federal #002	Salt Water Disposal	Active	FAE II Operating LLC	22	25S	37E	32.1149	-103.1454	3,366	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG; SWD, QUEEN		1.92
30-025-22906	SOUTH JUSTIS UNIT #022	Oil	Plugged	LEGACY RESERVES OPERATING, LP	23	25S	37E	32.1104	-103.1316	7,361	JUSTIS, BLINEBRY-TUBB-DRINKARD	2/16/2012	1.92
30-025-11707	CARLSON FEDERAL #002	Oil	Active	FAE II Operating LLC	23	25S	37E	32.1104	-103.1316	3,314	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG; JALMAT, TAN-YATES-7 RVRS (GAS)		1.92
30-025-26278	ARNOTT RAMSAY NCT-B #006	Oil	Active	FAE II Operating LLC	32	25S	37E	32.085	-103.1827	3,600	JALMAT, TAN-YATES-7 RVRS (OIL); LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.92
30-025-11793	SOUTH JUSTIS UNIT #023	Oil	Active	LEGACY RESERVES OPERATING, LP	26	25S	37E	32.1067	-103.1263	5,954	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.93
30-025-32076	SOUTH JUSTIS UNIT #250K	Injection	Active	LEGACY RESERVES OPERATING, LP	25	25S	37E	32.0986	-103.1199	5,992	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.93
30-025-26191	PRE-ONGARD WELL #002	Oil	Plugged	PRE-ONGARD WELL OPERATOR	29	25S	37E	32.1031	-103.1774	0	No Data		1.93
30-025-26077	SAUNDERS ESTATE #003	Gas	Plugged	BURLESON PETROLEUM, INC	28	25S	37E	32.1067	-103.1742	99,999	JALMAT, TAN-YATES-7 RVRS (GAS)	8/11/1994	1.94
30-025-32637	SOUTH JUSTIS UNIT #282	Injection	Active	LEGACY RESERVES OPERATING, LP	36	25S	37E	32.087	-103.1169	6,150	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.95
30-025-30655	ARNOTT RAMSAY NCT-B #013	Oil	Active	FAE II Operating LLC	32	25S	37E	32.0823	-103.1827	3,159	JALMAT, TAN-YATES-7 RVRS (OIL); JALMAT, TAN-YATES-7 RVRS (GAS)		1.95
30-025-35532	HADFIELD #003	Oil	Cancelled	AMERICAN INLAND RESOURCES COMPANY LLC	21	25S	37E	32.114	-103.1614	0	No Data		1.95
30-025-24537	RHODES FEDERAL UNIT #102	Gas	Active	FAE II Operating LLC	10	26S	37E	32.0596	-103.1571	3,080	RHODES, YATES-SEVEN RIVERS (GAS)		1.96
30-025-32635	SOUTH JUSTIS UNIT #272	Injection	Active	LEGACY RESERVES OPERATING, LP	36	25S	37E	32.0905	-103.1168	6,150	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.96

30-025-11709	PRE-ONGARD WELL #001	Oil	Plugged	PRE-ONGARD WELL OPERATOR	23	25S	37E	32.1149	-103.1412	0	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.97
30-025-23300	LANGLIE MATTIX QUEEN UNIT #032	Injection	Active	BXP Operating, LLC	22	25S	37E	32.1161	-103.1506	3,620	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG		1.98
30-025-48080	ARNOTT RAMSAY NCT-B #017	Injection	New	FAE II Operating LLC	32	25S	37E	32.0829	-103.1834	0	JALMAT, TAN-YATES-7 RVRS (OIL)		1.98
30-025-32344	SOUTH JUSTIS UNIT #290	Injection	Active	LEGACY RESERVES OPERATING, LP	36	25S	37E	32.0835	-103.1166	6,150	JUSTIS, BLINEBRY-TUBB-DRINKARD		1.98
30-025-11824	PRE-ONGARD WELL #001	Gas	Plugged	PRE-ONGARD WELL OPERATOR	29	25S	37E	32.1031	-103.1785	0	CUSTER, DEVONIAN (GAS)		1.99
30-025-20067	G D RIGGS A #003	Oil	Plugged	JIMMY ROBERSON ENERGY CORPORATION	01	26S	37E	32.0786	-103.1177	5,500	LANGLIE MATTIX, 7 RVRS-Q-GRAYBURG	12/15/2004	1.99
30-025-31780	SOUTH JUSTIS UNIT #230	Injection	Active	LEGACY RESERVES OPERATING, LP	25	25S	37E	32.1061	-103.1241	6,050	JUSTIS, BLINEBRY-TUBB-DRINKARD		2.00

ATTACHMENT 1:

PLUGGING AND COMPLETION DOCUMENTS FOR WELLS WITHIN ONE-HALF MILE AREA OF REVIEW

Form C-103
(Revised 3-55)

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY **Anderson-Prichard Oil Corp.**
(Address)

LEASE **Dabbs** WELL NO. **1** UNIT **L** S **34** T **25-S** R **37E**

DATE WORK PERFORMED **Sept. 22, 1957** POOL **Undesignated**

This is a Report of: (Check appropriate block)

- [ ] Beginning Drilling Operations
- [XX] Plugging
- [ ] Results of Test of Casing Shut-off
- [ ] Remedial Work
- [ ] Other

Detailed account of work done, nature and quantity of materials used and results obtained.

Drilled to TD 9004'. DST 8969-9004' - Recovered 1890' gas filled drill pipe, 180' W&GCDF, 4440' salty sulphur water. Ran cement 8825-9004', heavy mud 7830-8825', cement 7765-7830', heavy mud 3650-7765', cement 3550-3650', heavy mud 15-3550' and 15' cement plug in top of 9 5/8" casing. Well plugged and abandoned @ 5:00 p.m. 9/22/57.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. _____ TD _____ PBD _____ Prod. Int. _____ Compl Date _____

Tbng. Dia _____ Tbng Depth _____ Oil String Dia _____ Oil String Depth _____

Perf Interval (s) _____

Open Hole Interval _____ Producing Formation (s) _____

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test		
Oil Production, bbls. per day		
Gas Production, Mcf per day		
Water Production, bbls. per day		
Gas-Oil Ratio, cu. ft. per bbl.		
Gas Well Potential, Mcf per day		

Witnessed by _____ _____ (Company)

OIL CONSERVATION COMMISSION

Name Leslie A. Clements

Title _____

Date _____

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name R. W. Manry

Position **District Engineer**

Company **Anderson-Prichard Oil Corp.**

(Form C-101)
(Revised 7/1/52)

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

NOTICE OF INTENTION TO DRILL OR RECOMPLETE

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in QUINTUPLICATE. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

Midland, Texas (Place) May 31, 1957 (Date)

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the (Drilling) (~~Recompletion~~) of a well to be known as

Anderson-Prichard Oil Corporation (Company or Operator)

Dabbs (Lease), Well No. 1, in L (Unit). The well is located 1980 feet from the South line and 660 feet from the West line of Section 34, T. 25-S, R. 37E, NMPM.

(GIVE LOCATION FROM SECTION LINE) Crosby-Devonian Pool, Lea County

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

If State Land the Oil and Gas Lease is No.

If patented land the owner is Dabbs Estate

Address Las Cruces, New Mexico

We propose to drill well with drilling equipment as follows: Rotary

The status of plugging bond is in effect

Drilling Contractor Hisson Drilling Company

We intend to complete this well in the Devonian formation at an approximate depth of 8500 feet.

CASING PROGRAM

We propose to use the following strings of Casing and to cement them as indicated:

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks Cement
17 1/2	13 3/8	~~48#~~ 54.5#	New	500	500
12 1/4	9 5/8	36# & 40#	New	3600	4000
7 7/8	5 1/2	17# & 20#	New	8500	500

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)

Approved JUN 4 1957, 19
Except as follows:

OIL CONSERVATION COMMISSION
By E. J. Fischer
Title Engineer District I

Sincerely yours,
Anderson-Prichard Oil Corporation (Company or Operator)
By
Position SUPERINTENDENT
Send Communications regarding well to
Name L. E. Foster
Address Box 196
Midland, Texas

C-105 COMPLETION RECORD FOR DABBS #004
(API: 30-02511887)

Submit to Appropriate
District Office
State Lease – 6 copies
Fee Lease – 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO. 30-025-11887

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER

b. Type of Completion: NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☒ OTHER Re-entry

7. Lease Name or Unit Agreement Name: Dabbs

2. Name of Operator: Doyle Hartman

8. Well No. 4

3. Address of Operator: 500 N. Main Street, Midland, Tx 79701

9. Pool name or Wildcat: Jalmat

4. Well Location
Unit Letter E : 1650' Feet From The North Line and 660' Feet From The West Line

Section 34 Township 25S Range 37E NMPM Lea County

10. Date Spudded	11. Date T.D. Reached	12. Date Compl. (Ready to Prod.)	13. Elevations (DF & RKB, RT, GR, etc.)	14. Elev. Casinghead
1-20-97	1-21-97	1-28-97	3025 RKB	3013 G.L.

15. Total Depth	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools	Cable Tools
9273'	3606'			0-9273'	

19. Producing Interval(s), of this completion - Top, Bottom, Name
2705' - 2935' w/36 (Yates) OKKa

20. Was Directional Survey Made: No

21. Type Electric and Other Logs Run: CNL-DAS-GR-CCL log

22. Was Well Cored: No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5#	567'	17-1/4"	670 sx	Circ.
9-5/8"	36#	3708'	12-1/4"	3350 sx	Circ.

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8	3410'	

26. Perforation record (interval, size, and number) 1 shot each @

2705	2744	2769	2809	2831	2870	2915	2935
2714	2748	2772	2815	2840	2899	2923	
2717	2751	2775	2818	2844	2904	2926	
2732	2756	2797	2823	2849	2909	2929	
2741	2758	2807	2828	2853	2912	2932	

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2705-2935	A/6400 gal 10% MCA

28. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
1-25-97	Pumping - Flowing	Shut-in

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
1-28-97	24	0.500"			73	2.50	---

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
---	4			73	2.50	---

29. Disposition of Gas (Sold, used for fuel, vented, etc.): Vented

Test Witnessed By: Harold Swain

30. List Attachments: CNL-DAS-GR-CCL log

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Starla Snyder Printed Name Starla Snyder Title Prod. Analyst Date 1-28-97

APPENDIX B

IDENTIFICATION OF OPERATORS, LESSEES, SURFACE OWNERS, AND OTHER INTERESTED PARTIES WITHIN ONE-HALF MILE OF THE PROPOSED JAVELINA 34-25-37 SWD #1

Figure B-1: Operators and lessees within one mile of the proposed Javelina 34-25-37 SWD #1

Figure B-2: Surface ownership within one mile of the proposed Javelina 34-25-37 SWD #1

Table B-1: Summary list of all persons notified of the Javelina 34-25-37 SWD #1 C-108 application

Additional Documents: USPS Certified Mail receipts (USPS White Cards), proof of delivery (USPS Green Cards), public newspaper notice and associated affidavit of publication

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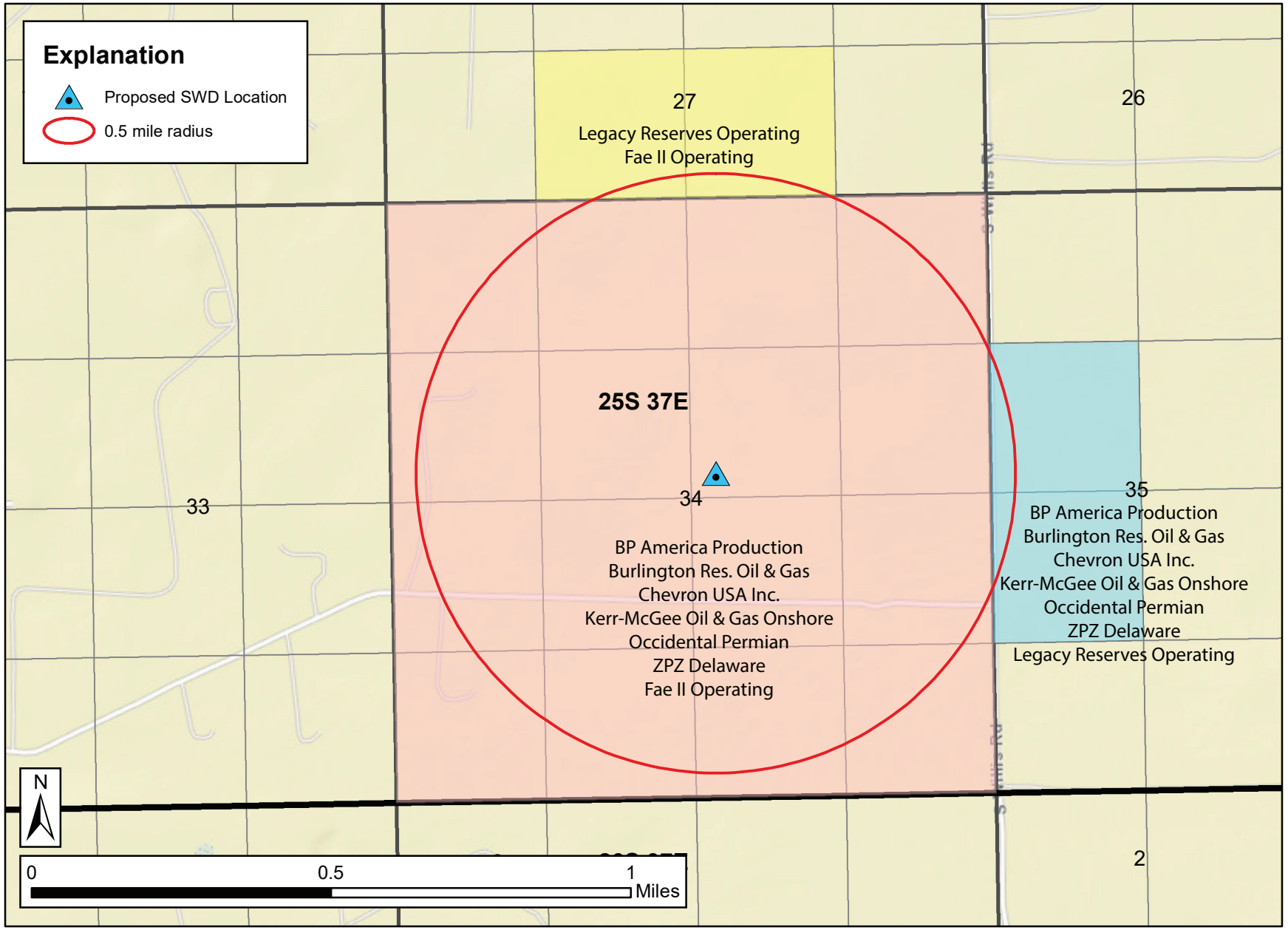

Figure B-1. All lessees and active operators to be notified within the one-half mile area review of BC & D's proposed Javelina 34-25-37 SWD #1 (32.08738, -103.15006 NAD 83).

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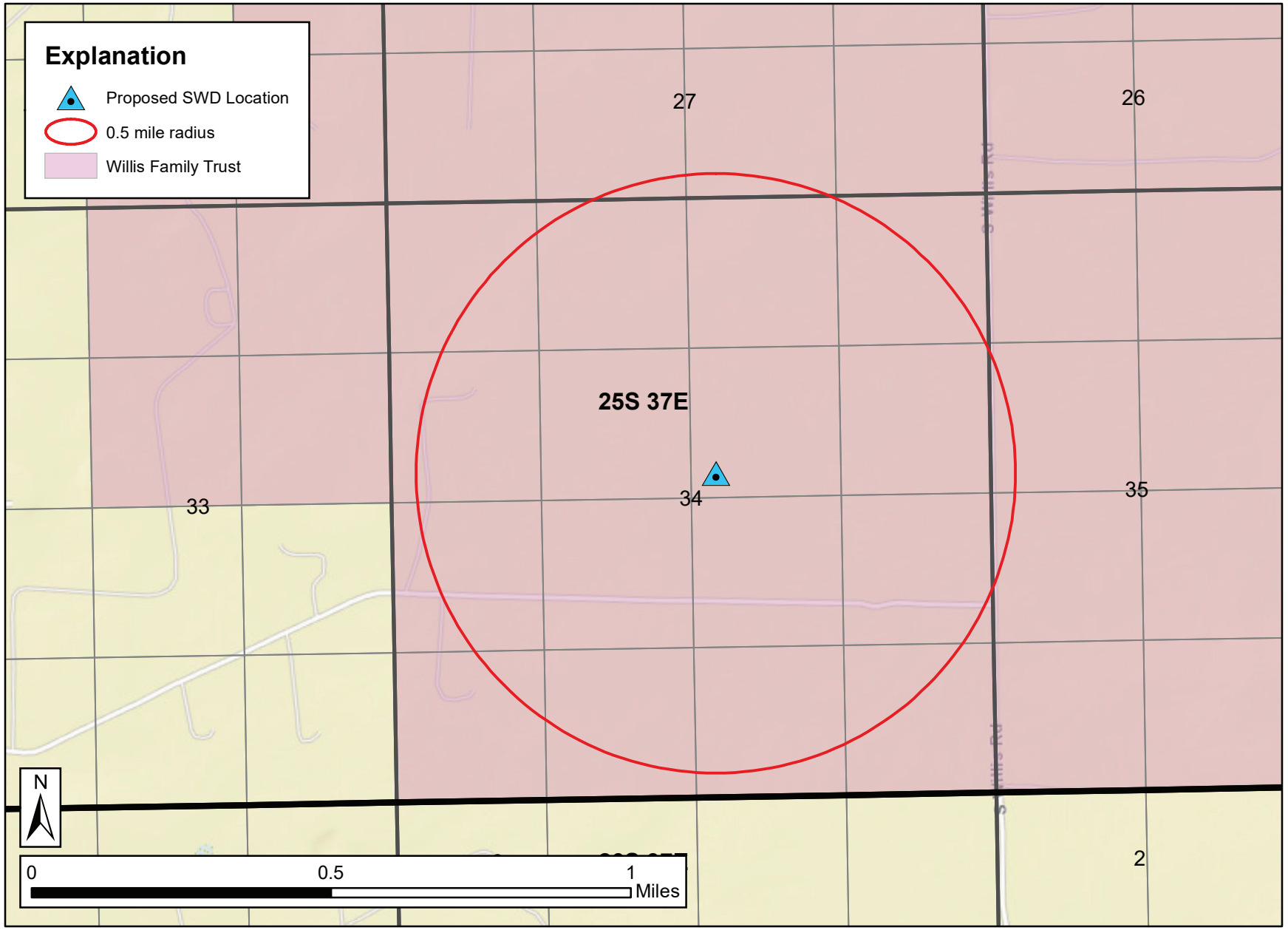

Figure B-2. Surface ownership within one-half mile of the proposed Javelina 34-25-37 SWD #1 well (32.08738, -103.15006 NAD 83) to be notified.

TABLE B-1: NOTIFIED PARTIES WITHIN A ONE-HALF MILE FROM JAVELINA 34-25-37 #1 SWD

SURFACE OWNERSHIP

Willis Family Trust
PO Box 307
Jal, NM 88252

LESSEES

Legacy Reserves Operating, LP
303 W Wall St, Ste 1400
Midland, TX 79701

BP America Production Co.
501 Westlake Park Blvd
Houston, TX 77079

Burlington Resources Oil & Gas Co.
P.O. Box 51510
Midland, TX 79701

Chevron USA Inc.
6301 Deauville
Midland, TX 79706

Kerr-Mcgee Oil & Gas Onshore, LLC
16666 Northchase Dr.
Houston, TX 77060

Occidental Permian, LTD
5 Greenway Plaza, Suite 110
Houston, TX77046

ZPZ Delaware I, LLC
2000 Post Oak Blvd, Ste 100
Houston, TX 77056

ACTIVE OPERATORS

FAE II Operating, LLC
11757 Katy Freeway, Suite 725
Houston, TX 77079

Legacy Reserves Operating, LP
303 W Wall St, Ste 1400
Midland, TX 79701

OTHER INTERESTED PARTIES

State Land Office
P.O. Box 1148
Santa Fe, NM 87504

Bureau of Land Management
301 Dinosaur Trail
Santa Fe, NM 87508

ATTACHMENT A

COPIES OF ALL NOTICE LETTERS DISTRIBUTED TO INTERESTED PARTIES

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Alberto A. Gutiérrez, C.P.G.

October 24, 2022

Legacy Reserves Operating, LP
15 Smith Road #3000
Midland, TX 79701

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RE: BC & D OPERATING, INC. PROPOSED JAVELINA 34-25-37 SWD #1 WELL

To Whom it May Concern:

Attached for your review is a complete Form C-108 Application for Authorization to Inject and its supplemental documentation, which has been prepared on behalf of BC & D Operating, Inc. for their proposed Javelina 34-25-37 SWD #1 well. Section XIV of Form C-108 requires that the surface landowner and each leasehold operator within a one-half mile radius of the proposed well location be furnished with a copy of the complete application.

According to the New Mexico Oil Conservation Division, surface owners and offset operators must file any objections or requests for hearing of administrative applications within fifteen (15) days from which this application was mailed to them.

If you have any questions concerning this application, you may contact Alberto A. Gutiérrez, P.G. or David A. White, P.G. at (505) 842-8000 at Geolex, Inc.®; 500 Marquette Avenue NW, Suite 1350; Albuquerque, New Mexico 87102.

Sincerely,
Geolex, Inc.®

David A. White, P.G.
Consultant to BC & D Operating, Inc.

Enclosure: Complete C-108 Application for Authority to Inject (Javelina 34-25-37 SWD #1)

P:\22-015 BC&D SWD Design-Permit\Reports\BC&D C-108 S34\Attachments\Appendices\B\Individual Notice Letters\LegacyNotice.docx

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Alberto A. Gutiérrez, C.P.G.

October 24, 2022

Kerr-McGhee Oil & Gas Onshore
1099 18th Street
Denver, CO 80202

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RE: BC & D OPERATING, INC. PROPOSED JAVELINA 34-25-37 SWD #1 WELL

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Alberto A. Gutiérrez, C.P.G.

October 24, 2022

Burlington Resources Oil & Gas
600 W Illinois
Midland, TX 79701

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RE: BC & D OPERATING, INC. PROPOSED JAVELINA 34-25-37 SWD #1 WELL

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Consultant to BC & D Operating, Inc.

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Alberto A. Gutiérrez, C.P.G.

October 24, 2022

Bureau of Land Management
301 Dinosaur Trail
Santa Fe, NM 87508

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RE: BC & D OPERATING, INC. PROPOSED JAVELINA 34-25-37 SWD #1 WELL

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Sincerely,
Geolex, Inc.®

David A. White, P.G.
Consultant to BC & D Operating, Inc.

Enclosure: Complete C-108 Application for Authority to Inject (Javelina 34-25-37 SWD #1)

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Alberto A. Gutiérrez, C.P.G.

October 24, 2022

BP America Production Co
501 Westlake Park Blvd
Houston, TX 77079

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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Sincerely,
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Consultant to BC & D Operating, Inc.

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GEOLEX®
INCORPORATED

Alberto A. Gutiérrez, C.P.G.

October 24, 2022

Burlington Resources Oil & Gas
PO Box 51510
Midland, TX 79701

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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Sincerely,
Geolex, Inc.®

David A. White, P.G.
Consultant to BC & D Operating, Inc.

Enclosure: Complete C-108 Application for Authority to Inject (Javelina 34-25-37 SWD #1)

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Alberto A. Gutiérrez, C.P.G.

October 24, 2022

Chevron USA Inc.
6301 Deauville
Midland, TX 79706

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RE: BC & D OPERATING, INC. PROPOSED JAVELINA 34-25-37 SWD #1 WELL

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Sincerely,
Geolex, Inc.®

David A. White, P.G.
Consultant to BC & D Operating, Inc.

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GEOLEX®
INCORPORATED

Alberto A. Gutiérrez, C.P.G.

October 24, 2022

FAE II Operating, LLC
11757 Katy Freeway, #725
Houston, TX 77079

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RE: BC & D OPERATING, INC. PROPOSED JAVELINA 34-25-37 SWD #1 WELL

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If you have any questions concerning this application, you may contact Alberto A. Gutiérrez, P.G. or David A. White, P.G. at (505) 842-8000 at Geolex, Inc.®; 500 Marquette Avenue NW, Suite 1350; Albuquerque, New Mexico 87102.

Sincerely,
Geolex, Inc.®

David A. White, P.G.
Consultant to BC & D Operating, Inc.

Enclosure: Complete C-108 Application for Authority to Inject (Javelina 34-25-37 SWD #1)

P:\22-015 BC&D SWD Design-Permit\Reports\BC&D C-108 S34\Attachments\Appendices\B\Individual Notice Letters\FAENotice.docx

GEOLEX®
INCORPORATED

Alberto A. Gutiérrez, C.P.G.

October 24, 2022

Kerr-McGhee Oil & Gas Onshore
16666 Northcase Drive
Houston, TX 77060

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RE: BC & D OPERATING, INC. PROPOSED JAVELINA 34-25-37 SWD #1 WELL

To Whom it May Concern:

Attached for your review is a complete Form C-108 Application for Authorization to Inject and its supplemental documentation, which has been prepared on behalf of BC & D Operating, Inc. for their proposed Javelina 34-25-37 SWD #1 well. Section XIV of Form C-108 requires that the surface landowner and each leasehold operator within a one-half mile radius of the proposed well location be furnished with a copy of the complete application.

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Sincerely,
Geolex, Inc.®

David A. White, P.G.
Consultant to BC & D Operating, Inc.

Enclosure: Complete C-108 Application for Authority to Inject (Javelina 34-25-37 SWD #1)

P:\22-015 BC&D SWD Design-Permit\Reports\BC&D C-108 S34\Attachments\Appendices\B\Individual Notice Letters\KerrNotice.docx

GEOLEX®
INCORPORATED

Alberto A. Gutiérrez, C.P.G.

October 24, 2022

Legacy Reserves Operating, LP
303 W Wall Street, #1400
Midland, TX 79701

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RE: BC & D OPERATING, INC. PROPOSED JAVELINA 34-25-37 SWD #1 WELL

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Geolex, Inc.®

David A. White, P.G.
Consultant to BC & D Operating, Inc.

Enclosure: Complete C-108 Application for Authority to Inject (Javelina 34-25-37 SWD #1)

P:\22-015 BC&D SWD Design-Permit\Reports\BC&D C-108 S34\Attachments\Appendices\B\Individual Notice Letters\LegacyNotice.docx

GEOLEX®
INCORPORATED

Alberto A. Gutiérrez, C.P.G.

October 24, 2022

Occidental Permian, LTD
5 Greenway Plaza, #110
Houston, TX 77046

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RE: BC & D OPERATING, INC. PROPOSED JAVELINA 34-25-37 SWD #1 WELL

To Whom it May Concern:

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Sincerely,
Geolex, Inc.®

David A. White, P.G.
Consultant to BC & D Operating, Inc.

Enclosure: Complete C-108 Application for Authority to Inject (Javelina 34-25-37 SWD #1)

P:\22-015 BC&D SWD Design-Permit\Reports\BC&D C-108 S34\Attachments\Appendices\B\Individual Notice Letters\OxyNotice.docx

GEOLEX®
INCORPORATED

Alberto A. Gutiérrez, C.P.G.

October 24, 2022

ATTN: Allison Marks
New Mexico State Land Office
310 Old Santa Fe Trail
Santa Fe, NM 87504-1148

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RE: BC & D OPERATING, INC. PROPOSED JAVELINA 34-25-37 SWD #1 WELL

To Whom it May Concern:

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Sincerely,
Geolex, Inc.®

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Consultant to BC & D Operating, Inc.

Enclosure: Complete C-108 Application for Authority to Inject (Javelina 34-25-37 SWD #1)

P:\22-015 BC&D SWD Design-Permit\Reports\BC&D C-108 S34\Attachments\Appendices\B\Individual Notice Letters\SLONotice.docx

GEOLEX®
INCORPORATED

Alberto A. Gutiérrez, C.P.G.

October 24, 2022

Willis Family Trust
P.O. Box 307
Jal, NM 88252

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RE: BC & D OPERATING, INC. PROPOSED JAVELINA 34-25-37 SWD #1 WELL

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Sincerely,
Geolex, Inc.®

David A. White, P.G.
Consultant to BC & D Operating, Inc.

Enclosure: Complete C-108 Application for Authority to Inject (Javelina 34-25-37 SWD #1)

P:\22-015 BC&D SWD Design-Permit\Reports\BC&D C-108 S34\Attachments\Appendices\B\Individual Notice Letters\WillisTrust.docx

GEOLEX®
INCORPORATED

Alberto A. Gutiérrez, C.P.G.

October 24, 2022

ZPZ Delaware I, LLC
2000 Post Oak Blvd, #100
Houston, TX 77056

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RE: BC & D OPERATING, INC. PROPOSED JAVELINA 34-25-37 SWD #1 WELL

To Whom it May Concern:

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Sincerely,
Geolex, Inc.®

David A. White, P.G.
Consultant to BC & D Operating, Inc.

Enclosure: Complete C-108 Application for Authority to Inject (Javelina 34-25-37 SWD #1)

P:\22-015 BC&D SWD Design-Permit\Reports\BC&D C-108 S34\Attachments\Appendices\B\Individual Notice Letters\ZPZNotice.docx

ATTACHMENT B

CERTIFIED MAIL PROOF OF DELIVERY
(USPS WHITE & GREEN CARDS, USPS TRACKING RESULTS)

File Log #009
Project #22-015
BC & D SWD Design
Notification of S34 Application
USPS Certified Mail white cards

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.

OFFICIAL USE

Certified Mail Fee $4.00
Extra Services & Fees (check box, add fee as appropriate)
- ☐ Return Receipt (hardcopy) $0.00
- ☐ Return Receipt (electronic) $0.00
- ☐ Certified Mail Restricted Delivery $0.00
- ☐ Adult Signature Required $0.00
- ☐ Adult Signature Restricted Delivery $

Postage $2.40
Total Postage and Fees $7.65

Postmark Here: ALBUQUERQUE, NEW MEXICO 87101 OCT 24 2022 USPS

22-015 (34)

Sent To: LEGACY RESERVES OPERATING LP
Street and Apt. No., or PO Box No.: 15 SMITH RD # 3000
City, State, ZIP+4®: MIDLAND TX 79705

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7016 1970 0000 8251 0265

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT
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For delivery information, visit our website at *www.usps.com®*.

OFFICIAL USE

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Extra Services & Fees (check box, add fee as appropriate)
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- ☐ Return Receipt (electronic) $0.00
- ☐ Certified Mail Restricted Delivery $0.00
- ☐ Adult Signature Required $0.00
- ☐ Adult Signature Restricted Delivery $

Postage $2.40
Total Postage and Fees $7.65

Postmark Here: ALBUQUERQUE, NEW MEXICO 87101 OCT 24 2022 USPS

22-015 (34)

Sent To: OCCIDENTAL PERMIAN LTD
Street and Apt. No., or PO Box No.: 5 GREENWAY PLAZA # 110
City, State, ZIP+4®: HOUSTON TX 77046

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7016 1970 0000 8251 0180

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT
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For delivery information, visit our website at *www.usps.com®*.

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- ☐ Certified Mail Restricted Delivery $0.00
- ☐ Adult Signature Required $0.00
- ☐ Adult Signature Restricted Delivery $

Postage $2.40
Total Postage and Fees $7.65

Postmark Here: ALBUQUERQUE, NEW MEXICO 87101 OCT 24 2022 USPS

22-015 (34)

Sent To: CHEVRON USA INC.
Street and Apt. No., or PO Box No.: 6301 DEAUVILLE
City, State, ZIP+4®: MIDLAND TX 79706

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7016 1970 0000 8251 0234

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- ☐ Return Receipt (electronic) $0.00
- ☐ Certified Mail Restricted Delivery $0.00
- ☐ Adult Signature Required $0.00
- ☐ Adult Signature Restricted Delivery $

Postage $2.40
Total Postage and Fees $7.65

Postmark Here: ALBUQUERQUE, NEW MEXICO 87101 OCT 24 2022 USPS

22-015 (34)

Sent To: BUREAU OF LAND MANAGEMENT
Street and Apt. No., or PO Box No.: 301 DINOSAUR TRAIL
City, State, ZIP+4®: SANTA FE, NM 87508

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7016 1970 0000 8251 0159

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- ☐ Return Receipt (electronic) $0.00
- ☐ Certified Mail Restricted Delivery $0.00
- ☐ Adult Signature Required $0.00
- ☐ Adult Signature Restricted Delivery $

Postage $2.40
Total Postage and Fees $7.65

Postmark Here: ALBUQUERQUE, NEW MEXICO 87101 OCT 24 2022 USPS

22-015 (34)

Sent To: KERR-MCGHEE OIL + GAS ONSHORE
Street and Apt. No., or PO Box No.: 1099 18th STREET
City, State, ZIP+4®: DENVER CO 80202

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7016 1970 0000 8251 0203

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For delivery information, visit our website at *www.usps.com®*.

OFFICIAL USE

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Extra Services & Fees (check box, add fee as appropriate)
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- ☐ Return Receipt (electronic) $0.00
- ☐ Certified Mail Restricted Delivery $0.00
- ☐ Adult Signature Required $0.00
- ☐ Adult Signature Restricted Delivery $

Postage $2.40
Total Postage and Fees $7.65

Postmark Here: ALBUQUERQUE, NEW MEXICO 87101 OCT 24 2022 USPS

22-015 (34)

Sent To: FAE II OPERATING LLC
Street and Apt. No., or PO Box No.: 11757 KATY FREEWAY # 725
City, State, ZIP+4®: HOUSTON TX 77079

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7016 1970 0000 8251 0173

File Log #009
Project #22-015
BC & D SWD Design
Notification of S34 Application
USPS Certified Mail white cards

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
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For delivery information, visit our website at *www.usps.com®*.

OFFICIAL USE

Certified Mail Fee $4.00
Extra Services & Fees (check box, add fee as appropriate)
- Return Receipt (hardcopy) $0.00
- Return Receipt (electronic) $0.00
- Certified Mail Restricted Delivery $0.00
- Adult Signature Required $0.00
- Adult Signature Restricted Delivery $

Postage $2.40
Total Postage and Fees $9.65

Postmark Here
ALBUQUERQUE, NEW MEXICO 87101
OCT 24 2022
10/24/2022 USPS

22-015 (34)

Sent To: WILLIS FAMILY TRUST
Street and Apt. No., or PO Box No.: PO BOX 307
City, State, ZIP+4®: JAL, NM 88252

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7016 1970 0000 8251 0241

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Extra Services & Fees (check box, add fee as appropriate)
- Return Receipt (hardcopy) $0.00
- Return Receipt (electronic) $0.00
- Certified Mail Restricted Delivery $0.00
- Adult Signature Required $0.00
- Adult Signature Restricted Delivery $

Postage $2.40
Total Postage and Fees $9.65

Postmark Here
ALBUQUERQUE, NEW MEXICO 87101
OCT 24 2022
10/24/2022 USPS

22-015 (34)

Sent To: KERR-MCGHEE OIL AND GAS
Street and Apt. No., or PO Box No.: 16666 NORTHCASE DR
City, State, ZIP+4®: HOUSTON, TX 77060

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7016 1970 0000 8251 0227

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For delivery information, visit our website at *www.usps.com®*.

OFFICIAL USE

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Extra Services & Fees (check box, add fee as appropriate)
- Return Receipt (hardcopy) $0.00
- Return Receipt (electronic) $0.00
- Certified Mail Restricted Delivery $0.00
- Adult Signature Required $0.00
- Adult Signature Restricted Delivery $

Postage $2.40
Total Postage and Fees $9.65

Postmark Here
ALBUQUERQUE, NEW MEXICO 87101
OCT 24 2022
10/24/2022 USPS

22-015 (34)

Sent To: BP AMERICA PRODUCTION CO.
Street and Apt. No., or PO Box No.: 501 WESTLAKE PARK BLVD
City, State, ZIP+4®: HOUSTON, TX 77079

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7016 1970 0000 8251 0289

U.S. Postal Service™
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For delivery information, visit our website at *www.usps.com®*.

OFFICIAL USE

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Extra Services & Fees (check box, add fee as appropriate)
- Return Receipt (hardcopy) $0.00
- Return Receipt (electronic) $0.00
- Certified Mail Restricted Delivery $0.00
- Adult Signature Required $0.00
- Adult Signature Restricted Delivery $

Postage $2.40
Total Postage and Fees $9.65

Postmark Here
ALBUQUERQUE, NEW MEXICO 87101
OCT 24 2022
10/24/2022 USPS

22-015 (34)

Sent To: BURLINGTON RESOURCES
Street and Apt. No., or PO Box No.: 600 W. ILLINOIS
City, State, ZIP+4®: MIDLAND TX 79701

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7016 1970 0000 8251 0258

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.

OFFICIAL USE

Certified Mail Fee $4.00
Extra Services & Fees (check box, add fee as appropriate)
- Return Receipt (hardcopy) $0.00
- Return Receipt (electronic) $0.00
- Certified Mail Restricted Delivery $0.00
- Adult Signature Required $1.00
- Adult Signature Restricted Delivery $

Postage $2.40
Total Postage and Fees $9.65

Postmark Here
ALBUQUERQUE, NEW MEXICO 87101
OCT 24 2022
10/24/2022 USPS

22-015 (34)

Sent To: LEGACY RESERVES OPERATING LP
Street and Apt. No., or PO Box No.: 303 W. WALL STREET #1400
City, State, ZIP+4®: MIDLAND TX 79701

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7016 1970 0000 8251 0210

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CERTIFIED MAIL® RECEIPT
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For delivery information, visit our website at *www.usps.com®*.

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Extra Services & Fees (check box, add fee as appropriate)
- Return Receipt (hardcopy) $0.00
- Return Receipt (electronic) $0.00
- Certified Mail Restricted Delivery $0.00
- Adult Signature Required $0.00
- Adult Signature Restricted Delivery $

Postage $2.40
Total Postage and Fees $9.65

Postmark Here
ALBUQUERQUE, NEW MEXICO 87101
OCT 24 2022
10/24/2022 USPS

22-015 (34)

Sent To: ZPZ DELAWARE I, LLC
Street and Apt. No., or PO Box No.: 2000 POST OAK BLVD #100
City, State, ZIP+4®: HOUSTON TX 77056

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

File Log #009
Project #22-015
BC & D SWD Design
Notification of S34 Application
USPS Certified Mail white cards

7016 1970 0000 8251 0146

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee $4.00
Extra Services & Fees (check box, add fee as appropriate)
- Return Receipt (hardcopy) $ $0.00
- Return Receipt (electronic) $ $0.00
- Certified Mail Restricted Delivery $ $0.00
- Adult Signature Required $ $0.00
- Adult Signature Restricted Delivery $

Postage $2.40

Total Postage and Fees $7.65

Postmark Here
ALBUQUERQUE, NEW MEXICO 87101
OCT 24 2022
USPS

22-015 (34)

Sent To
NM STATE LAND OFFICE ATTN: ALLISON MARKS
Street and Apt. No., or PO Box No.
310 OLD SANTA FE TRL
City, State, ZIP+4®
SANTA FE, NM 87504 87501

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7016 1970 0000 8251 0272

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee $4.00
Extra Services & Fees (check box, add fee as appropriate)
- Return Receipt (hardcopy) $ $0.00
- Return Receipt (electronic) $ $0.00
- Certified Mail Restricted Delivery $ $0.00
- Adult Signature Required $ $0.00
- Adult Signature Restricted Delivery $

Postage $2.40

Total Postage and Fees $7.65

Postmark Here
ALBUQUERQUE, NEW MEXICO 87101
OCT 24 2022
USPS

22-015 (34)

Sent To
BURLINGTON RESOURCES
Street and Apt. No., or PO Box No.
PO BOX 51510
City, State, ZIP+4®
MIDLAND TX 79701 79710

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

File Log #010
Project #22-015
BC& D SWD Design
Notification of S34
14 Total notifications
USPS Certified Mail
Green Cards

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to: 22-015 (34)

LEGACY RESERVES OPERATING
15 SMITH ROAD #3000
MIDLAND, TX 79705

9590 9402 5056 9092 0032 81

2. Article Number *(Transfer from service label)*
7016 1970 0000 8251 0265

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Theresa Forrester ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* Theresa Forrester C. Date of Delivery 10/27

D. Is delivery address different from item 1? ☑ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to: 22-015 (34)

OCCIDENTAL PERMIAN LTD
5 GREENWAY PLAZA #110
HOUSTON, TX 77046

9590 9402 5056 9092 0033 97

2. Article Number *(Transfer from service label)*
7016 1970 0000 8251 0180

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* [illegible] C. Date of Delivery 10/27/22

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to: 22-015 (34)

BUREAU OF LAND MANAGEMENT
301 DINOSAUR TRAIL
SANTA FE, NM 87508

9590 9402 5056 9092 0033 66

2. Article Number *(Transfer from service label)*
7016 1970 0000 8251 0159

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X R Duran ☐ Agent ☒ Addressee

B. Received by *(Printed Name)* Regina Duran C. Date of Delivery 10-25-22

D. Is delivery address different from item 1? ☒ Yes
If YES, enter delivery address below: ☐ No

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE
620 EAST GREEN STREET
CARLSBAD, NM 88220-6292

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over $500)
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

File Log #010
Project #22-015
BC& D SWD Design
Notification of S34
14 Total notifications
USPS Certified Mail
Green Cards

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to: 22-015 (34)

KERR-McGHEE OIL + GAS
1099 18th STREET
DENVER, CO 80202

9590 9402 5056 9092 0034 34

2. Article Number *(Transfer from service label)*
7016 1970 0000 8251 0203

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* C. Date of Delivery 10/27/22

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to: 22-015 (34)

FAE II OPERATING LLC
11757 KATY FREEWAY #725
HOUSTON, TX 77079

9590 9402 5056 9092 0033 80

2. Article Number *(Transfer from service label)*
7016 1970 0000 8251 0173

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to: 22-015 (34)

WILLIS FAMILY TRUST
PO BOX 307
JAL, NM 88252

9590 9402 5056 9092 0032 98

2. Article Number *(Transfer from service label)*
7016 1970 0000 8251 0241

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* Darla Willis C. Date of Delivery 10/31/22

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

File Log #010
Project #22-015
BC& D SWD Design
Notification of S34
14 Total notifications
USPS Certified Mail
Green Cards

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to: 22-015 (34)

BP America Production Co
501 Westlake Park Blvd
Houston, TX 77079

9590 9402 5056 9092 0034 10

2. Article Number *(Transfer from service label)*
7016 1970 0000 8251 0227

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* | C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

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SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to: 22-015 (34)

Burlington Resources
600 W. Illinois
Midland, TX 79701

9590 9402 5056 9092 0026 42

2. Article Number *(Transfer from service label)*
7016 1970 0000 8251 0289

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* Danielle Cox | C. Date of Delivery 10/28/22

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

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SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to: 22-015 (34)

ZPZ Delaware I, LLC
2000 Post Oak Blvd #100
Houston, TX 77056

9590 9402 5056 9092 0034 27

2. Article Number *(Transfer from service label)*
7016 1970 0000 8251 0210

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* | C. Date of Delivery 10/27/2

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to: 22-015 (34)

NM STATE LAND OFFICE
ATTN: ALLISON MARKS
310 OLD SANTA FE TRAIL
SANTA FE, NM ~~87504~~ 87501

9590 9402 5056 9092 0033 73

2. Article Number *(Transfer from service label)*
7016 1970 0000 8251 0166

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X
☐ Agent
☐ Addressee

B. Received by *(Printed Name)*

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

File Log #010
Project #22-015
BC& D SWD Design
Notification of S34
14 Total notifications
USPS Certified Mail
Green Cards

USPS Tracking®

FAQs >

Remove ×

Tracking Number:

70161970000082510265

Copy Add to Informed Delivery (https://informeddelivery.usps.com/)

Latest Update

Your item was delivered to the front desk, reception area, or mail room at 11:15 am on October 27, 2022 in MIDLAND, TX 79705.

Feedback

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Delivered, Front Desk/Reception/Mail Room

MIDLAND, TX 79705
October 27, 2022, 11:15 am

See All Tracking History

Text & Email Updates ⌄

USPS Tracking Plus® ⌄

Product Information ⌄

See Less ^

Remove ×

Tracking Number:

70161970000082510180

Copy Add to Informed Delivery (https://informeddelivery.usps.com/)

Latest Update

Your item has been delivered to an agent for final delivery in HOUSTON, TX 77046 on October 27, 2022 at 12:05 pm.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered to Agent

Delivered to Agent for Final Delivery

HOUSTON, TX 77046
October 27, 2022, 12:05 pm

See All Tracking History

See More ⌄

Feedback

Remove ✕

Tracking Number:

70161970000082510234

Copy Add to Informed Delivery (https://informeddelivery.usps.com/)

Latest Update

Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Out for Delivery

Preparing for Delivery

Moving Through Network

In Transit, Arriving Late

October 31, 2022

Departed USPS Regional Destination Facility

MIDLAND TX DISTRIBUTION CENTER
October 27, 2022, 1:27 am

See All Tracking History

See More

Remove

Tracking Number:

70161970000082510159

Copy **Add to Informed Delivery** **(https://informeddelivery.usps.com/)**

Feedback

Latest Update

Your item was delivered to an individual at the address at 2:53 pm on October 25, 2022 in SANTA FE, NM 87508.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Delivered, Left with Individual

SANTA FE, NM 87508
October 25, 2022, 2:53 pm

See All Tracking History

See More

Remove

Tracking Number:

70161970000082510203

Copy Add to Informed Delivery
(https://informeddelivery.usps.com/)

Latest Update

Your item was delivered to the front desk, reception area, or mail room at 11:45 am on October 27, 2022 in DENVER, CO 80202.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Delivered, Front Desk/Reception/Mail Room

DENVER, CO 80202
October 27, 2022, 11:45 am

See All Tracking History

See More ⌄

Feedback

Remove ✕

Tracking Number:

70161970000082510173

Copy Add to Informed Delivery
(https://informeddelivery.usps.com/)

Latest Update

Your item was delivered to the front desk, reception area, or mail room at 12:49 pm on October 28, 2022 in HOUSTON, TX 77079.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Delivered, Front Desk/Reception/Mail Room

HOUSTON, TX 77079
October 28, 2022, 12:49 pm

See All Tracking History

See More

Remove ✕

Tracking Number:

70161970000082510241

Copy Add to Informed Delivery (https://informeddelivery.usps.com/)

Latest Update

Your item was picked up at the post office at 10:18 am on October 31, 2022 in JAL, NM 88252.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Delivered, Individual Picked Up at Post Office

JAL, NM 88252
October 31, 2022, 10:18 am

See All Tracking History

Feedback

See More

Remove ✕

Tracking Number:

70161970000082510197

Copy Add to Informed Delivery (https://informeddelivery.usps.com/)

Latest Update

Your item is out for delivery on November 3, 2022 at 7:15 am in ALBUQUERQUE, NM 87101.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Out for Delivery

Out for Delivery

ALBUQUERQUE, NM 87101
November 3, 2022, 7:15 am

Arrived at Post Office

ALBUQUERQUE, NM 87101
November 3, 2022, 7:04 am

See All Tracking History

See More

Remove ×

Tracking Number:

70161970000082510227

Copy **Add to Informed Delivery (https://informeddelivery.usps.com/)**

Feedback

Latest Update

Your item was delivered to the front desk, reception area, or mail room at 8:48 am on October 28, 2022 in HOUSTON, TX 77079.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Delivered, Front Desk/Reception/Mail Room

HOUSTON, TX 77079
October 28, 2022, 8:48 am

See All Tracking History

See More

Remove ×

Tracking Number:

70161970000082510289

Copy **Add to Informed Delivery** **(https://informeddelivery.usps.com/)**

Latest Update

Your item was picked up at a postal facility at 7:53 am on October 28, 2022 in MIDLAND, TX 79702.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Delivered, Individual Picked Up at Postal Facility

MIDLAND, TX 79702
October 28, 2022, 7:53 am

See All Tracking History

See More ⌄

Feedback

Remove ✕

Tracking Number:

70161970000082510258

Copy **Add to Informed Delivery** **(https://informeddelivery.usps.com/)**

Latest Update

Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Moving Through Network

In Transit, Arriving Late

November 12, 2022

Departed USPS Regional Facility

OKLAHOMA CITY OK DISTRIBUTION CENTER
November 11, 2022, 4:31 pm

November 11, 2022, 4:31 pm

See All Tracking History

See More

Remove

Tracking Number:

70161970000082510210

Copy **Add to Informed Delivery (https://informeddelivery.usps.com/)**

Latest Update

Your item was delivered to an individual at the address at 12:41 pm on October 27, 2022 in HOUSTON, TX 77056.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Delivered, Left with Individual

HOUSTON, TX 77056
October 27, 2022, 12:41 pm

See All Tracking History

See More

Remove

Tracking Number:

70161970000082510166

Copy **Add to Informed Delivery (https://informeddelivery.usps.com/)**

Latest Update

Your item was picked up at a postal facility at 6:39 am on October 27, 2022 in SANTA FE, NM 87501.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Feedback

Delivered

Delivered, Individual Picked Up at Postal Facility

SANTA FE, NM 87501
October 27, 2022, 6:39 am

See All Tracking History

See More ⌄

Remove ✕

Tracking Number:

70161970000082510272

Copy **Add to Informed Delivery** **(https://informeddelivery.usps.com/)**

Feedback

Latest Update

Your item arrived at the MIDLAND, TX 79705 post office at 12:48 pm on October 27, 2022 and is ready for pickup.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Available for Pickup

Available for Pickup

MIDLAND, TX 79705
October 27, 2022, 12:48 pm

Available for Pickup

MIDLAND, TX 79705
October 27, 2022, 10:48 am

See All Tracking History

See More ⌄

Track Another Package

Enter tracking or barcode numbers

Need More Help?

Contact USPS Tracking support for further assistance.

FAQs

Feedback

GEOLEX®
INCORPORATED

Alberto A. Gutiérrez, C.P.G.

November 18, 2022

Chevron USA Inc.
6301 Deauville
Midland, TX 79706

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RE: BC & D OPERATING, INC. PROPOSED JAVELINA 34-25-37 SWD #1 WELL

To Whom it May Concern:

Attached for your review is a complete Form C-108 Application for Authorization to Inject and its supplemental documentation, which has been prepared on behalf of BC & D Operating, Inc. for their proposed Javelina 34-25-37 SWD #1 well. Section XIV of Form C-108 requires that the surface landowner and each leasehold operator within a one-half mile radius of the proposed well location be furnished with a copy of the complete application.

This is a second attempt to provide notice and delivery of this application to your organization, following the initial mailing of the application and all supporting materials, on October 24, 2022, which was not successfully delivered to Chevron USA Inc.

According to the New Mexico Oil Conservation Division, surface owners and offset operators must file any objections or requests for hearing of administrative applications within fifteen (15) days from which this application was mailed to them.

If you have any questions concerning this application, you may contact Alberto A. Gutiérrez, P.G. or David A. White, P.G. at (505) 842-8000 at Geolex, Inc.®; 500 Marquette Avenue NW, Suite 1350; Albuquerque, New Mexico 87102.

Sincerely,
Geolex, Inc.®

David A. White, P.G.
Consultant to BC & D Operating, Inc.

Enclosure: Complete C-108 Application for Authority to Inject (Javelina 34-25-37 SWD #1)

P:\22-015 BC&D SWD Design-Permit\Reports\BC&D C-108 S34\Attachments\Appendices\B\Individual Notice Letters\ChevronNotice.docx

November 28, 2022

Dear Customer,

The following is the proof-of-delivery for tracking number: 770540217162

Delivery Information:			
Status:	Delivered	**Delivered To:**	Receptionist/Front Desk
Signed for by:	A.REED	**Delivery Location:**	
Service type:	FedEx 2Day		
Special Handling:	Deliver Weekday		MIDLAND, TX,
		Delivery date:	Nov 22, 2022 11:29

Shipping Information:			
Tracking number:	770540217162	**Ship Date:**	Nov 18, 2022
		Weight:	1.0 LB/0.45 KG

Recipient:	**Shipper:**
MIDLAND, TX, US,	ALBUQUERQUE, NM, US,

Reference	22-015

Signature image is available. In order to view image and detailed information, the shipper or payor account number of the shipment must be provided.

Thank you for choosing FedEx

(https://www.fedex.com/en-us/home.html)

FedEx® Tracking

DELIVERED

Tuesday

11/22/2022 at 11:29 am

Signed for by: A.REED

Obtain Proof of delivery

How was your delivery?

DELIVERY STATUS

Delivered

TRACKING ID

770540217162

FROM
Liz Hill
500 MARQUETTE AVE. NW #1350
ALBUQUERQUE, NM US 87102
5058428000

Label Created
11/18/2022 3:13 PM

PACKAGE RECEIVED BY FEDEX
ALBUQUERQUE, NM
11/18/2022 5:48 PM

IN TRANSIT
MIDLAND, TX
11/22/2022 8:31 AM

OUT FOR DELIVERY
MIDLAND, TX
11/22/2022 9:11 AM

DELIVERED
Chevron USA Inc.
6301 Deauville Blvd
MIDLAND, TX US 79706
4326877723

DELIVERED
11/22/2022 at 11:29 AM

View travel history

(https://www.fedex.com/en-us/home.html)

Manage Delivery

Shipment facts

Travel history

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Change Country/Territory(https://www.fedex.com/?location=home)

FOLLOW FEDEX (https://www.fedex.com/en-us/email.html) (Https://www.facebook.com/FedEx/)

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(https://www.youtube.com/fedex) (https://www.pinterest.com/FedEx/)

ATTACHMENT C

Hobbs News Sun – Ad Copy & Affidavit of Publication
Published on October 27, 2022

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated
October 27, 2022
and ending with the issue dated
October 27, 2022.

Publisher

Sworn and subscribed to before me this
27th day of October 2022.

Business Manager

My commission expires
January 29, 2023
(Seal)

GUSSIE BLACK
Notary Public - State of New Mexico
Commission # 1087526
My Comm. Expires Jan 29, 2023

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

LEGAL LEGAL

LEGAL NOTICE
October 27, 2022

BC & D Operating, Inc.; P.O. Box 302; Hobbs, New Mexico 88241, is filing Form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division for administrative approval for its saltwater disposal well Javelina 34-25-37 #1 (API PENDING). The proposed well will be located at approximately 2,425 feet FNL & 2,422 feet FEL in Section 34, Township 25S, Range 37E in Lea County, New Mexico. Disposal water will be sourced from area production and will be injected into the San Andres Formation through an open hole completion between approximately 3,737 feet and a total depth of approximately 5,184 feet. The maximum allowable surface pressure will not exceed 747 psig with a maximum rate of 15,000 BWPD. Interested parties opposing the action must file objections or requests for hearing with the Oil Conservation Division; 1220 South St. Francis Drive; Santa Fe, New Mexico 87505 within 15 days. Additional information can be obtained from the applicant's agent, Geolex, Inc.®; 500 Marquette Avenue NW, Suite 1350; Albuquerque, New Mexico 87102; (505) 842-8000.
#38191

67101169 00272379

ALBERTO A. GUTIERREZ
GEOLEX, INC.
500 MARQUETTE AVE. NW, SUITE 1350
ALBUQUERQUE, NM 87102

APPENDIX C

REQUEST LETTERS FOR PERMISSION TO SAMPLE AND ANALYZE GROUNDWATER AND PROOF OF DELIVERY

GEOLEX®
INCORPORATED

Alberto A. Gutiérrez, C.P.G.

October 6, 2022 VIA CERTIFIED MAIL

Raymond L. Straub Jr.
Straub Corporation
P.O. Box 192
Stanton, TX 79782

RE: WATER WELL (CP 01097 POD 1) STATUS INQUIRY AND REQUEST FOR GROUNDWATER SAMPLE

To Whom it May Concern:

On behalf of BC & D Operating, Inc., we (Geolex, Inc.®) are contacting you in the hopes that you may provide us with more information regarding the current operational status of a water well in which Raymond L. Straub Jr. is documented as the owner of record. If the current state of the well permits, we respectfully request permission to collect and analyze a groundwater sample from this well.

As recorded in the files of the New Mexico Office of the State Engineer, the well file number is CP 01097 POD 1 and the well has a recorded location within the SW/4 of the NE/4 of Section 34, Township 25 South, Range 37 East. The approximate coordinates are 32.09111643, -103.1567668 (NAD83).

BC & D is requesting permission to sample and analyze groundwater from this well in order to provide the New Mexico Oil Conservation District with required groundwater data in the area of their proposed saltwater disposal (SWD) well. The SWD is to be located in the SW/4 of the NE/4 Section 34 of Township 25 South, Range 37 East.

If you have any questions concerning this inquiry or would like to further discuss our request, you may contact Alberto Gutiérrez P. G., or David White, P.G. at (505) 842-8000 at Geolex, Inc.®; 500 Marquette Avenue NW, Suite 1350, Albuquerque, New Mexico.

Sincerely,
Geolex, Inc.®

David A. White, P.G.
Vice President – Consultant to BC & D Operating, Inc.

P:\22-015 BC&D SWD Design-Permit\Reports\BC&D C-108 S34\Attachments\Appendices\C\10_6_22_GW request letter (Straub).docx

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PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

File Log #008
Project #22-015
BC & D SWD Design
Notification to
Raymond Straub
USPS Certified Mail
Green Card

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- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to: (22-015)

RAYMOND L. STRAUB Jr.
STRAUB CORPORATION
P.O. BOX 192
STANTON, TX 79782

9590 9402 5056 9092 0026 35

2. Article Number *(Transfer from service label)*

7016 1970 0000 8251 0056

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X Kala Straub ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* | C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

OCT 12 2022

3. Service Type

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PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 325904

CONDITIONS

Operator: BC & D OPERATING INC. 2702 N. Grimes ST B Hobbs, NM 88240	OGRID: 25670
	Action Number: 325904
	Action Type: [IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

CONDITIONS

Created By	Condition	Condition Date
anthony.harris	None	3/22/2024