

STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION

MAY 14 2019 PM03:39

**APPLICATION OF GOODNIGHT
MIDSTREAM PERMIAN, LLC FOR
APPROVAL OF A SALT WATER DISPOSAL
WELL, LEA COUNTY NEW MEXICO.**

CASE NO. 20557

APPLICATION

Goodnight Midstream Permian, LLC (“Goodnight Midstream”), OGRID No. 372311, through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of N.M. Stat. Ann. § 70-2-17, for an order authorizing injection of produced salt water for purposes of disposal. In support, Goodnight Midstream states the following:

1. Attached is a complete Form C-108 application for authorization to inject which contains all the information necessary to authorize the requested approval to inject and filed with the Division for administrative approval on April 3, 2019. *See* C-108, attached as **Exhibit A**, and incorporated herein.
2. Goodnight proposes to drill a new commercial salt water disposal well to be named **Scully SWD No. 1 Well** (API No. pending), which will be located 1,724 feet from the north line and 1,607 feet from the west line (Unit F), Section 4, Township 22 South, Range 36 East, NMPM, Lea County, New Mexico.
3. The proposed injection disposal interval will be within the San Andres formation (SWD; San Andres, Pool Code 96121) between 4,450 feet and 5,750 feet below the ground through an open-hole completion.

4. Disposal fluid will be produced salt water from oil and gas wells in the area, producing from the Wolfcamp and Bone Spring formations.

5. The estimated average injection pressure is expected to be approximately 445 psi. The maximum injection pressure will be 890 psi.

6. The granting of this application will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

7. The administrative application was protested. Accordingly, the Applicant hereby requests that its application be set for hearing pursuant to 19.15.26.8(E) NMAC.

WHEREFORE, Goodnight Midstream Permian, LLC requests that this application be set for hearing before an Examiner of the Oil Conservation Division on June 13, 2019. After notice and hearing as required by law, the Division enter an order approving this application.

Respectfully submitted,

HOLLAND & HART LLP

By: 

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ATTORNEYS FOR GOODNIGHT MIDSTREAM PERMIAN, LLC

Lea

CASE 20557: **Application of Goodnight Midstream Permian, LLC for Approval of a Salt Water Disposal Well, ~~Eddy~~ Lea County, New Mexico.** Applicant in the above-styled cause seeks an order authorizing it to drill and operate an injection well for purposes of disposing produced salt water to be named the **Scully SWD No. 1 Well** (API No. pending), which will be located 1,724 feet from the north line and 1,607 feet from the west line (Unit F), Section 4, Township 22 South, Range 36 East, NMPM, Lea County, New Mexico. Injection will be into the San Andres formation (SWD; San Andres, Pool Code 96121) between 4,450 feet and 5,750 feet below the ground through an open-hole completion. Disposal fluid will be produced water from producing oil and gas wells in the area. Estimated average injection pressure is expected to be approximately 445 psi. The maximum injection pressure will be 890 psi. The subject well will be located approximately 8 miles northwest of Eunice, N.M.

DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- 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

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR ☐ PPR

- [D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
 [B] ☒ Offset Operators, Leaseholders or Surface Owner
 [C] ☒ Application is One Which Requires Published Legal Notice
 [D] ☒ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **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.

Nate Alleman
 Print or Type Name

Nate Alleman
 Signature

Regulatory Specialist - ALL Consulting
 Title

04/03/2019
 Date

nalleman@all-llc.com
 Date e-mail Address

EXHIBIT A

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance X Disposal
Storage Application qualifies for administrative approval? X Yes _____ No
- II. OPERATOR: Goodnight Midstream Permian, LLC
ADDRESS: 5910 N Central Expressway, Suite 850, Dallas, TX 75206
CONTACT PARTY: Grant Adams PHONE: 214-444-7388(0)
- 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.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- *XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
NAME: _____ TITLE: _____
SIGNATURE: _____ DATE: _____
E-MAIL ADDRESS: _____
- * 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

EXHIBIT A

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.

EXHIBIT A

Application for Authorization to Inject
Well Name: Scully SWD 1

III – Well Data *(The Wellbore Diagram is included as Attachment 1)*

A.

(1) General Well Information:

Operator: Goodnight Midstream Permian, LLC (OGRID No. 372311)
Lease Name & Well Number: Scully SWD 1
Location Footage Calls: 1,724 FNL & 1,607 FWL
Legal Location: Unit Letter F, S4 T22S R36E
Ground Elevation: 3,589'
Proposed Injection Interval: 4,450' – 5,750'
County: Lea

(2) Casing Information:

Type	Hole Size	Casing Size	Casing Weight	Setting Depth	Sacks of Cement	Estimated TOC	Method Determined
Surface	12-1/4"	9-5/8"	40.0 lb/ft	495'	155	Surface	Circulation
Intermediate 1	8-3/4"	7"	26.0 lb/ft	4,450'	581	Surface	Circulation/ CBL
Tubing	6-3/11"	4-1/2"	20.0 lb/ft	4,430'	N/A	N/A	N/A

(3) Tubing Information:

4-1/2" (composite weight string) of fiberglass-coated tubing with setting depth of 4,430'

(4) Packer Information: Lok-set or equivalent packer set at 4,430'

B.

(1) Injection Formation Name: San Andres

Pool Name: SWD; SAN ANDRES

Pool Code: 96121

(2) Injection Interval: Open-hole injection between 4,450' – 5,750'

(3) Drilling Purpose: New Drill for Salt Water Disposal

(4) Other Perforated Intervals: No other perforated intervals exist.

(5) Overlying Oil and Gas Zones: Below are the approximate formation tops for known oil and gas producing zones in the area.

- Grayburg (3,945')

Underlying Oil and Gas Zones: Below are the approximate formation tops for known oil and gas producing zones in the area.

- Tubb (7,270')

EXHIBIT A

V – Well and Lease Maps

The following maps are included in **Attachment 2**:

- 2-mile Oil & Gas Well Map
- 2-mile Lease Map
- 1/2-mile Well Detail List
- Potash Lease Map

VI – AOR Well List

There are 18 wells within the 1/2-mile AOR, but none of the wells penetrate the proposed injection zone.

A list of the wells within the 1/2-mile AOR is included in **Attachment 2**.

VII – Proposed Operation

- (1) **Proposed Maximum Injection Rate:** 35,000 bpd
Proposed Average Injection Rate: 17,500 bpd
- (2) A closed system will be used.
- (3) **Proposed Maximum Injection Pressure:** 890 psi (surface)
Proposed Average Injection Pressure: approximately 445 psi (surface)
- (4) **Source Water Analysis:** It is expected that the injectate will consist of produced water from production wells completed in the Wolfcamp and Bone Springs formations. Analysis of water from these formations is included in **Attachment 3**.
- (5) **Injection Formation Water Analysis:** The proposed SWD will be injecting water into the San Andres formation which is a non-productive zone known to be compatible with formation water from the Wolfcamp and Bone Springs formations. Water analyses from the Bone Springs, Delaware, Devonian, and Wolfcamp formations in the area are included in **Attachment 4**.

VIII – Geologic Description

The proposed injection interval includes the San Andres formations from 4,450 – 5,750 feet. This formation consists of interbedded carbonate rocks including dolomites and limestones. Several thick intervals of porous and permeable carbonate rock capable of taking water are present within the subject formation in the area.

The freshwater formation is the Rustler at a depth of approximately 470 feet. Water well depths in the area range from approximately 222 – 267 feet below ground surface.

IX – Proposed Stimulation Program

A small cleanup acid job may be used to remove mud and drill cuttings from the formation. However, no other formation stimulation is currently planned.

X – Logging and Test Data

Logs will be submitted to the Division upon completion of the well.

EXHIBIT A

XI – Fresh Groundwater Samples

Based on a review of data from the New Mexico Office of the State Engineer, 3 groundwater wells are located within 1 mile of the proposed SWD location; however, state water well data and conversations with water well owners have revealed that none of the water wells are currently in use. Thus no water samples have been collected.

A water well map, details of water wells within 1-mile, and any associated water analyses are included in **Attachment 5**.

XII – No Hydrologic Connection Statement

No faulting is present in the area that would provide a hydrologic connection between the injection interval and overlying USDWs. Additionally, the casing program has been designed to ensure there will be no hydrologic connection between the injection interval and overlying USDWs.

XIII – Proof of Notice

A Public Notice was filed with the Hobbs News-Sun newspaper and an affidavit is included in **Attachment 6**.

A copy of the application was mailed to the OCD District Office, landowner, and leasehold operators within 1/2-mile of the proposed SWD location. A list of the recipients, as well as delivery confirmations, are included in **Attachment 6**.

EXHIBIT A

Attachments

Attachment 1: Wellbore Diagram

Attachment 2: Area of Review Information:

- 2-mile Oil & Gas Well Map
- 2-mile Lease Map
- 1/2-mile Well Detail List
- Potash Lease Map

Attachment 3: Source Water Analyses

Attachment 4: Injection Formation Water Analyses

Attachment 5: Water Well Map and Well Data

Attachment 6: Public Notice Affidavit and Notice of Application Confirmations

Attachment 1

Wellbore Diagram

EXHIBIT A

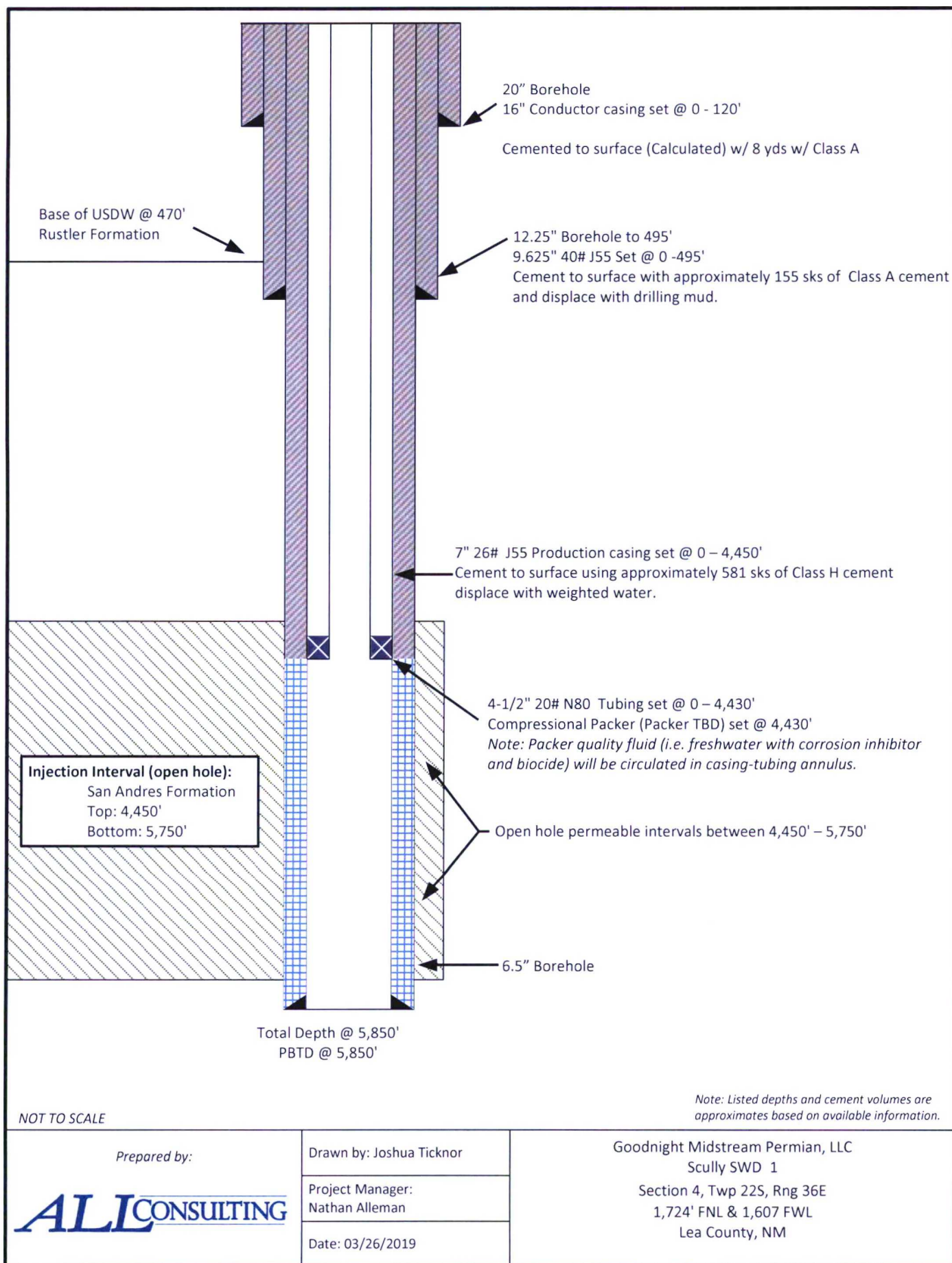


EXHIBIT A

A-3 and AL-2 LOK-SET Retrievable Casing Packers

Product Family No. H64630 and H64628

APPLICATION

The A-3™ LOK-SET™ packer combines advantages of a retrievable packer with the features of a permanent packer. An ability to lock down tubing forces makes the A-3 suitable for a broad range of applications, including production, injection, zone isolation, and remedial operations. The AL-2™ LOK-SET packer is similar to the A-3, and has a larger bore.

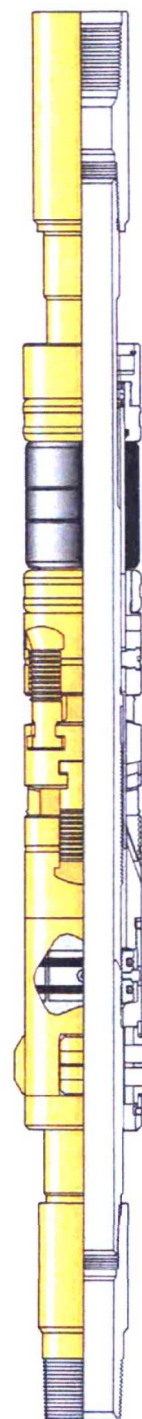
Advantages

- Holds pressure from above and below, without relying on set-down weight, tubing tension, or hydraulic hold down
- Provides tubing anchoring with tension applied, suitable for pumping wells or injection, controlling tubing forces related to change fluid temperatures
- Opposed, non-transferring, dovetail slips prevent packer movement associated with changing differential pressures, while allowing the landing of the tubing in tension, neutral or compression
- Right-hand tubing rotation controls setting and releasing
- Packing element compression locks in by ratcheting action of lock segments, which restricts rotation to one direction

Accessories

To provide a simple and reliable injection system for retrieving an injection string without having to unseat the packer.

L-10 or L-316 on-off sealing connectors, Product Family Nos. H68420 and H68422. Baker Hughes blanking plug can be used in the seating nipple profile of the on-off sealing connector to provide a means of plugging the lower zone while the tubing is being pulled.



A-3 LOK-SET
Retrievable Casing Packer
Product Family No. H64630

Retrievable Packer Systems

SPECIFICATION GUIDES

A-3™ LOK-SET Retrievable Casing Packer, Product Family No. H64630

Casing			Packer				
OD		Weight *	Size	Nom ID		Max Gage Ring OD	
In.	mm	lb/ft		In.	mm	In.	mm
4	101.6	9.5-12.9	41A2	1.500	38.1	3.244	82.4
4-1/2	114.3	21.6-23.6	41A2	1.500	38.1	3.244	82.4
4	101.6	9.5	41A4	1.500	38.1	3.423	112.4
4-1/2	114.3	18.8	41A4	1.500	38.1	3.423	112.4
		13.5-17.7	41B			3.578	90.9
		11.6-13.5	43A2	1.978	50.2	3.786	96.2
		9.5-10.5	43A4			3.786	96.2
5	127.0	15-18	43B	1.978	50.2	4.140	105.2
		11.5-15	43C			4.265	108.3
5-1/2	139.7	26	43C	1.978	50.2	4.265	108.3
		20-23	45A2			4.515	114.7
		15.5-20	45A4			4.656	118.3
		13-15.5	45B			4.796	121.8
6	152.4	26	45B	1.978	50.2	4.796	121.8
		20-23	45C			5.078	129.0
		15-18	45D			5.171	131.3
6-5/8	168.3	34	45E	1.978	50.2	5.421	137.7
		24-32	45F			5.499	139.7
		24	47A2	2.441	62.0	5.671	144.0
		17-24	45G	1.978	50.2	5.796	147.2
7	177.8	17-20	47A4	2.441	62.0	5.827	148.0
		38	47A2	2.441	62.0	5.671	144.0
		32-35	47A4			5.827	148.0
		26-29	47B2			5.983	152.0
		23-26	47B4			6.093	154.8
		17-20	47C2			6.281	159.5
7-5/8	193.7	33.7-39	47C4	2.441	62.0	6.468	164.3
		24-29.7	47D2			6.687	169.9
		20-24	47D4			6.827	173.4
8-5/8	219.1	44-49	49A2	3.500	88.9	7.327	186.1
		32-40	49A4			7.546	191.7
		20-28	49B			7.796	198.0
9-5/8	244.5	47-53.5	51A2	3.500	88.9	8.234	209.1
		40-47	51A4			8.452	214.7
		29.3-36	51B			8.608	218.6

AL-2™ Large Bore LOK-SET Retrievable Casing Packer Product Family No. H64628

Casing			Packer					
OD		Weight *	Size	Nom ID		Max Gage Ring OD		Max Diameter of Compressed Drag Block
In.	mm	lb/ft		In.	mm	In.	mm	In.
5-1/2	139.7	20	45A2 x 2-3/8	2.375	60.3	4.562	115.9	4.592
		15.5-17	45A4 x 2-3/8			4.656	118.3	4.750
		13	45B x 2-3/8			4.796	121.8	4.902
6	152.4	26	45B x 2-3/8	2.375	60.3	4.796	121.8	4.902

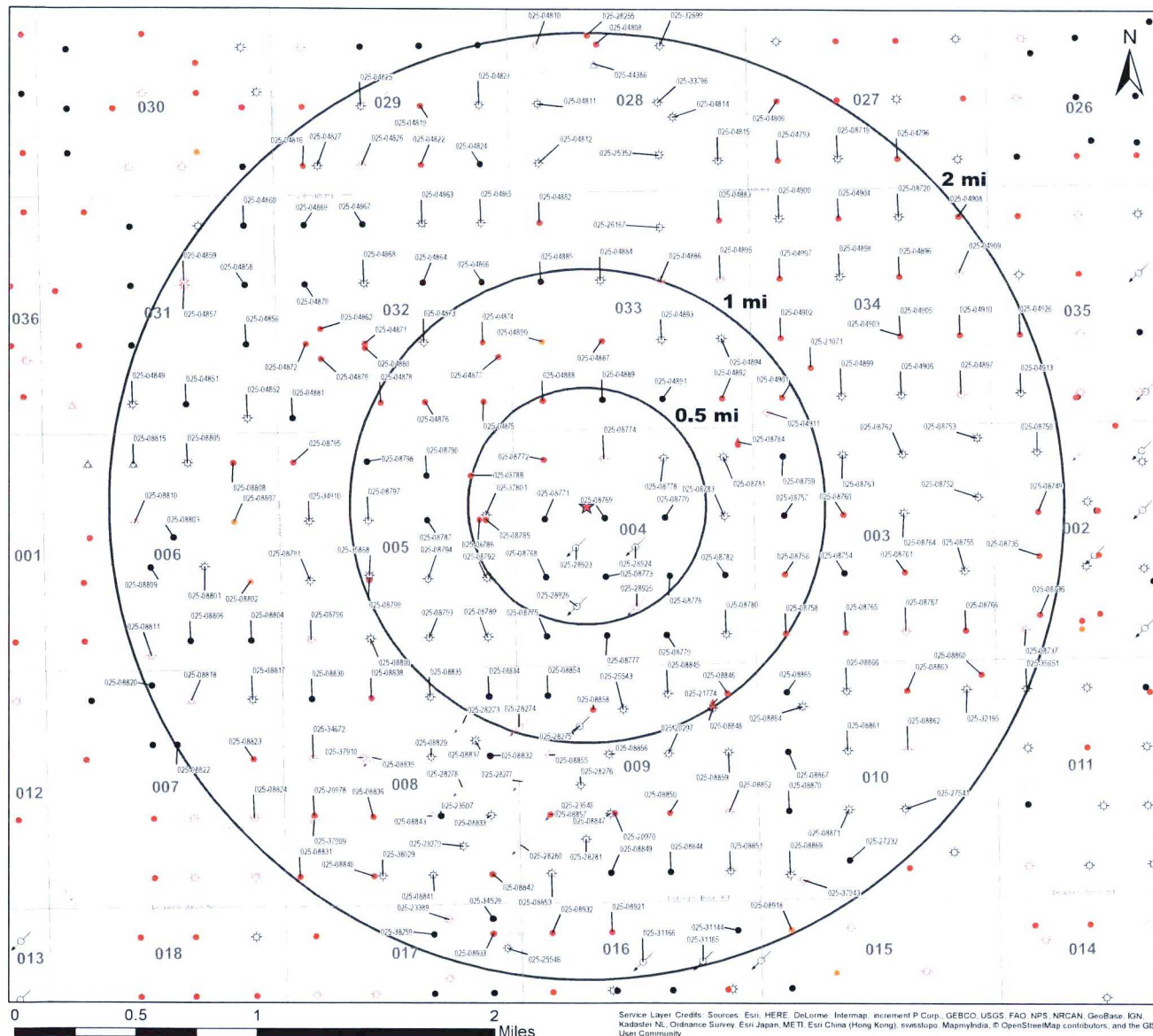
- When selecting a packer for a casing weight common to two weight ranges (same OD), choose the packer size shown for the lighter of the two weight ranges. Example: for 7-in. (177.8 mm) OD 26 lb/ft casing use packer size 47B4. Under certain circumstances the other packer size may be run, such as when running in mixed casing strings.
- Repair kits, including such items as packing elements, seal rings, etc., are available for redressing Baker Retrievable Packers. Contact your Baker Hughes representative. Use only Baker Hughes repair parts.

Attachment 2

Area of Review Information:

- 2-mile Oil & Gas Well Map
- 2-mile Lease Map
- 1/2-mile Well Detail List
- Potash Lease Map

EXHIBIT A



Legend

- ★ Proposed SWD
- ☆ Gas, Active (104)
- ☆ Gas, Plugged (47)
- ☆ Gas, Temporarily Abandoned (1)
- ☆ Injection, Active (15)
- ☆ Injection, Plugged (6)
- ☆ Injection, Temporarily Abandoned (3)
- Oil, Active (82)
- Oil, Plugged (119)
- Oil, Temporarily Abandoned (7)
- △ Salt Water Injection, Active (2)
- △ Salt Water Injection, New (1)
- △ Salt Water Injection, Plugged (2)
- Water, Plugged (2)

O&G Wells Area of Review

Scully SWD 1 Lea County, New Mexico

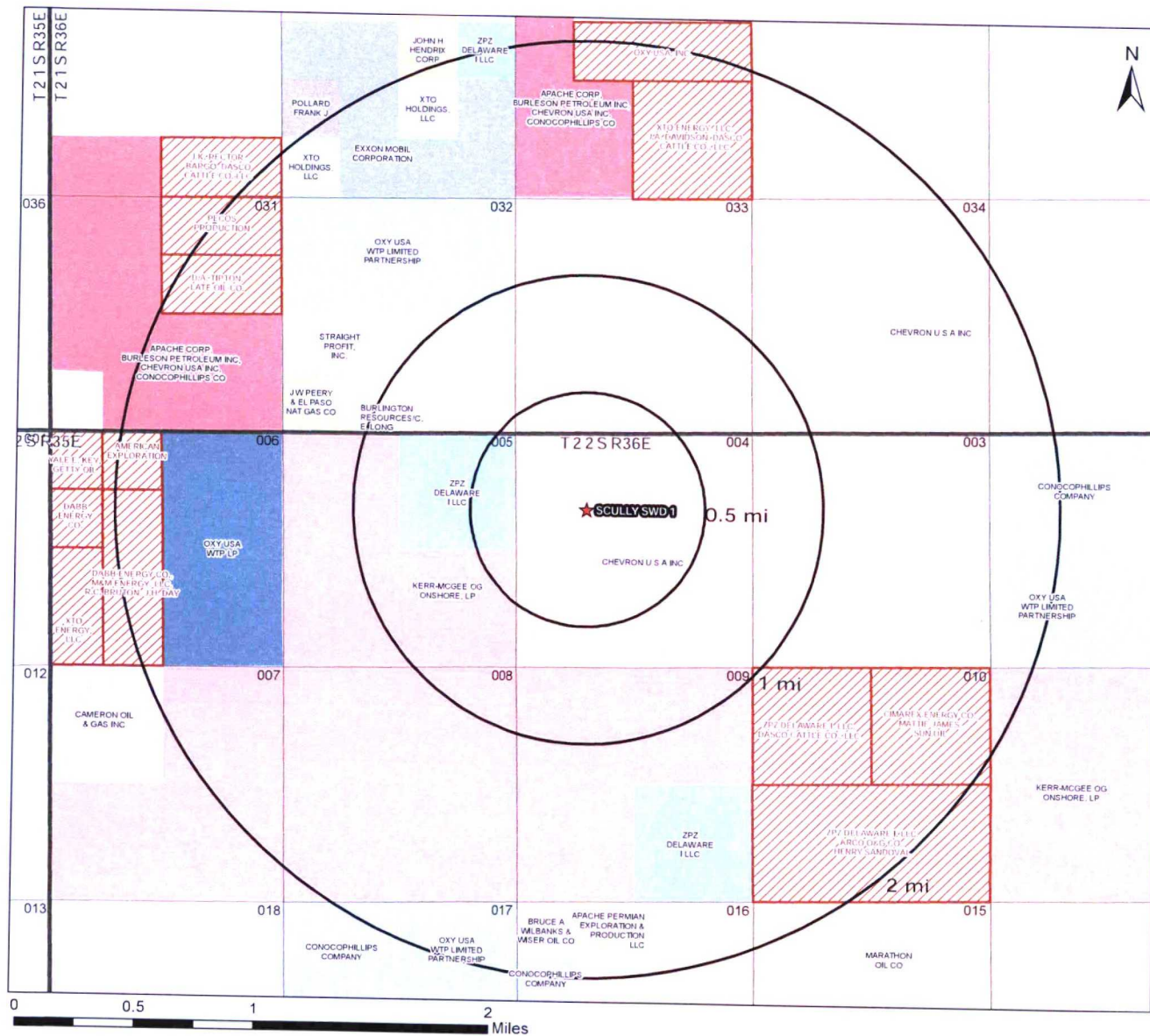
Proj Mgr:
Dan Arthur

March 07, 2019

Mapped by:
Ben Bockelmann

Prepared by
ALLCONSULTING

EXHIBIT A



Legend

- ★ Proposed SWD
- ▨ Private Leases (Labeled by Operator)
- BLM Mineral Leases
 - APACHE CORP. BURLESON PETROLEUM INC. CHEVRON USA INC. CONOCOPHILLIPS CO.
 - OXY USA WTP LP
- NMSLO Mineral Leases
 - APACHE PERMIAN EXPLORATION & PRODUCTION LLC
 - BRUCE A WILBANKS & WISER OIL
 - BURLINGTON RESOURCES/C. E. LONG
 - CAMERON OIL & GAS INC.
 - CHEVRON U S A INC.
 - CONOCOPHILLIPS COMPANY
 - EXXON MOBIL CORPORATION
 - J W PEERY & EL PASO NAT GAS CO
 - JOHN H HENDRIX CORP
 - KERR-MCGEE OG ONSHORE LP
 - MARATHON OIL CO
 - OXY USA WTP LIMITED PARTNERSHIP
 - POLLARD FRANK J
 - STRAIGHT PROFIT, INC.
 - XTO HOLDINGS, LLC
 - ZPZ DELAWARE I LLC

Mineral Lease Area of Review

SCULLY SWD 1
Lea County, New Mexico

Proj Mgr:
Dan Arthur

April 04, 2019

Mapped by
Ben Bockelmann

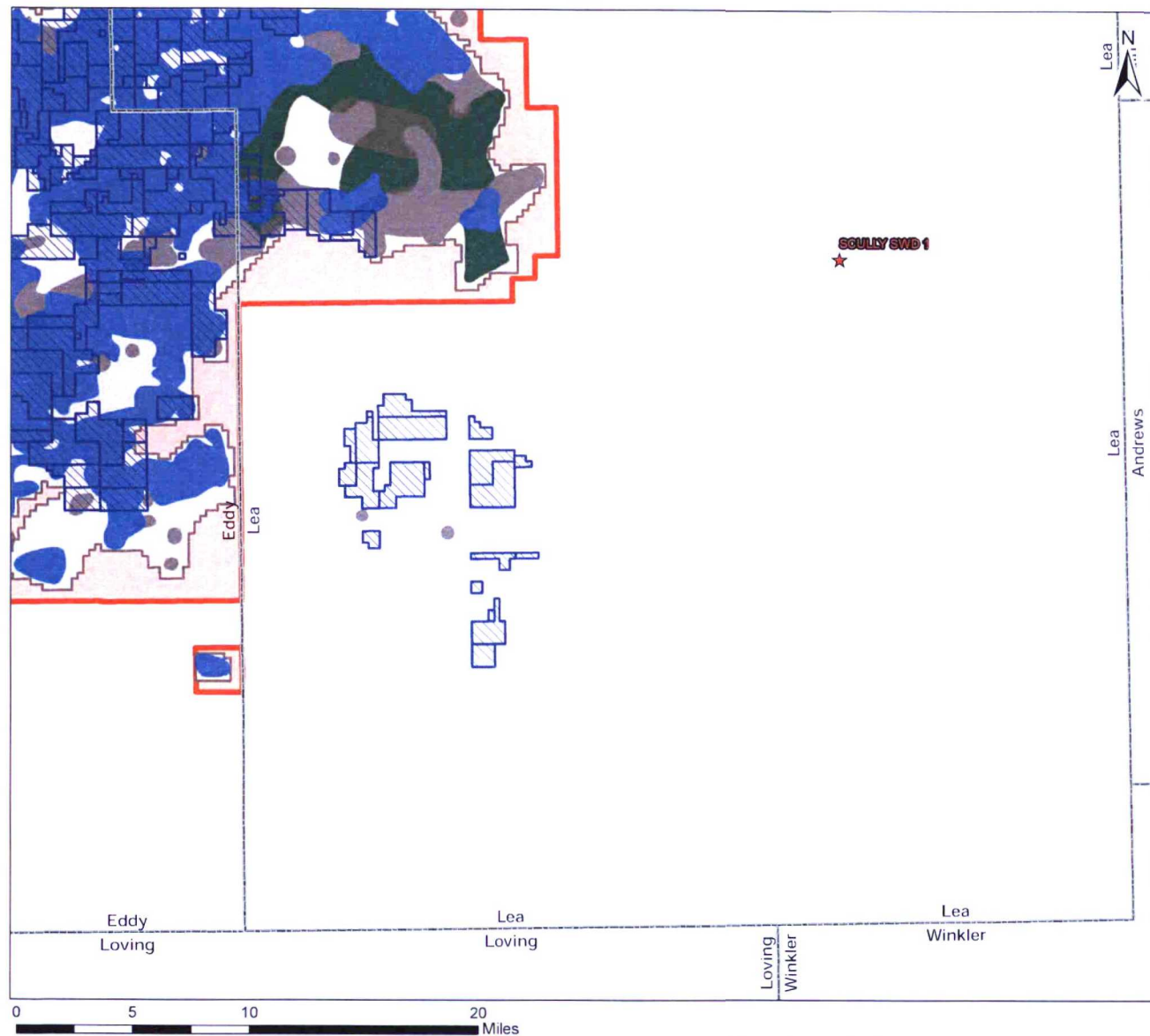
Prepared by:

ALLCONSULTING

EXHIBIT A

AOR Tabulation for Scully SWD 1 (Top of Injection Interval: 4,450')							
Well Name	API#	Well Type	Operator	Spud Date	Location (Sec., Tn., Rng.)	Total Vertical Depth (feet)	Penetrate Inj. Zone?
STATE 157 G-A #005	30-025-37801	G	BLACKBEARD OPERATING, LLC	4/18/2006	H-05-22S-36E	3800	No
J F JANDA NCT F #006	30-025-08772	Plugged	CHEVRON U S A INC	7/31/1956	4-04-22S-36E	Plugged (3890)	No
J F JANDA NCT F #008	30-025-08774	Plugged	CHEVRON U S A INC	6/25/1962	3-04-22S-36E	Plugged (3890)	No
SEVEN RIVERS QUEEN WATERFLOOD, NORTH #012	30-025-28925	Plugged	CHEVRON U S A INC	12/21/1984	O-04-22S-36E	Plugged (3970)	No
PRE-ONGARD WELL #001 (Sinclair Oil & Gas)	30-025-08785	Plugged	PRE-ONGARD WELL OPERATOR	9/14/1943	H-05-22S-36E	3884	No
PRE-ONGARD WELL #001Y (Atlantic Richfield)	30-025-08786	Plugged	PRE-ONGARD WELL OPERATOR	8/11/1955	H-05-22S-36E	3900	No
ARNOTT RAMSAY NCT D #007	30-025-04888	Plugged	XTO ENERGY, INC	6/25/1962	M-33-21S-36E	Plugged (3856)	No
ARNOTT RAMSAY NCT D #008	30-025-04889	O	XTO ENERGY, INC	6/25/1962	N-33-21S-36E	3870	No
J F JANDA NCT F #011	30-025-08778	G	XTO ENERGY, INC	5/28/1957	2-04-22S-36E	3855	No
SEVEN RIVERS QUEEN WATERFLOOD, NORTH #002	30-025-08768	O	XTO ENERGY, INC	7/28/1981	L-04-22S-36E	3885	No
SEVEN RIVERS QUEEN WATERFLOOD, NORTH #003	30-025-08769	O	XTO ENERGY, INC	10/31/1984	F-04-22S-36E	3900	No
SEVEN RIVERS QUEEN WATERFLOOD, NORTH #004	30-025-08770	O	XTO ENERGY, INC	11/15/1984	G-04-22S-36E	3900	No
SEVEN RIVERS QUEEN WATERFLOOD, NORTH #005	30-025-08771	O	XTO ENERGY, INC	5/6/1956	E-04-22S-36E	3900	No
SEVEN RIVERS QUEEN WATERFLOOD, NORTH #006	30-025-08773	O	XTO ENERGY, INC	12/20/1981	K-04-22S-36E	3885	No
SEVEN RIVERS QUEEN WATERFLOOD, NORTH #007	30-025-08776	O	XTO ENERGY, INC	12/28/1956	J-04-22S-36E	3845	No
SEVEN RIVERS QUEEN WATERFLOOD, NORTH #010	30-025-28923	I	XTO ENERGY, INC	12/15/1984	F-04-22S-36E	3970	No
SEVEN RIVERS QUEEN WATERFLOOD, NORTH #011	30-025-28924	I	XTO ENERGY, INC	11/22/1984	G-04-22S-36E	3977	No
SEVEN RIVERS QUEEN WATERFLOOD, NORTH #013	30-025-28926	I	XTO ENERGY, INC	12/7/1984	K-04-22S-36E	3970	No
Notes: No wells within a 1/2-mile AOR penetrated the injection interval.							

EXHIBIT A



Legend

- ★ Proposed SWD
- ▨ Potash Leases
- Ore Type - Measured
- Ore Type - Indicated
- Ore Type - Inferred
- KPLA
- SOPA

Potash Leases
Area of Review

SCULLY SWD 1
Lea County, New Mexico

Proj Mgr:
Dan Arthur

April 01, 2019

Mapped by:
Ben Bockelmann

Prepared by
ALL CONSULTING

EXHIBIT A

Attachment 3

Source Water Analyses

EXHIBIT A

PRODUCED WATER FROM BONE SPRING, DELAWARE, DEVONIAN, WOLFCAMP

API	SECTION	TOWNSHIP	RANGE	FORMATION	tds mgL	chloride mgL	bicarbonate mgL	sulfate mgL
3002502424	11	20S	34E	BONE SPRING	29436	16720	634	1142
3002502427	12	20S	34E	BONE SPRING	15429			
3002502427	12	20S	34E	BONE SPRING	180701	108300	1016	670
3002502429	12	20S	34E	BONE SPRING	202606	118100	5196	992
3002502429	12	20S	34E	BONE SPRING	121800			
3002502431	12	20S	34E	BONE SPRING	147229	89640	108	1038
3002531696	2	20S	34E	DELAWARE	152064	102148	404	691
3002532105	2	20S	34E	DELAWARE	296822	215237	143	294
3002532466	2	20S	34E	DELAWARE	340838	245270	229	147
3002502427	12	20S	34E	DELAWARE	214787	132700	208	1816
3002502431	12	20S	34E	DEVONIAN	33414	18570	227	1961
3002502432	13	20S	34E	DEVONIAN	45778	26440	1145	729
3002501912	16	16S	34E	WOLFCAMP	164004	102500	4204	1249
3002501922	20	16S	34E	WOLFCAMP	104541	64290	280	541
3002501922	20	16S	34E	WOLFCAMP	104033	64080	268	515
3002501922	20	16S	34E	WOLFCAMP	105175	65570	207	192
3002501925	21	16S	34E	WOLFCAMP	86355	51800	610	665
3002501928	21	16S	34E	WOLFCAMP	119102	73300	227	454
3002501928	21	16S	34E	WOLFCAMP	35422	19170	979	1949
3002501930	22	16S	34E	WOLFCAMP	30015	14800	750	3300
3002501931	22	16S	34E	WOLFCAMP	87680	53000	301	681
3002501933	28	16S	34E	WOLFCAMP	59960	35100	515	1500
3002501933	28	16S	34E	WOLFCAMP	60309	35350	586	1297
3002501940	30	16S	34E	WOLFCAMP	82422	49890	361	787
3002501944	30	16S	34E	WOLFCAMP	83960	51410	418	641
3002520222	27	16S	34E	WOLFCAMP	85457	51020	544	1201
3001542895	2	23S	31E	WOLFCAMP	119472	73173		1036

EXHIBIT F

EXHIBIT A

Attachment 4

Injection Formation Water Analyses

EXHIBIT A

San Andres Water Sampling Results (mg/L)							
	Chloride	TDS	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX
San Andres #1 SWAB	48500	80100	0.38	0.045	<0.010	<0.030	0.425
San Andres #2 SWAB	49500	81500	0.014	0.014	<0.001	0.004	0.103
San Andres #3 SWAB	21200	40400	4.33	0.551	<0.050	0.289	5.17
San Andres #4 SWAB	9800	16400	6.2	0.664	<0.100	<0.300	6.86
Source: Cardinal laboratory sampling results as shown in attached pages.							

API# 30-025-44386

Legal Locations: Unit Letter F, S28 T21S R36E

EXHIBIT A

Goetze, Phillip, EMNRD

From: Goetze, Phillip, EMNRD
Sent: Tuesday, September 25, 2018 10:07 AM
To: 'Andy Rickard'
Cc: Bower, George, EMNRD; Brown, Maxey G, EMNRD; McMillan, Michael, EMNRD
Subject: RE: Sampling Results, Ted Williams SWD #1 Administrative Order SWD 1739

Mr. Rickard:

Thank you for providing the results of the sampling requested in Administrative Order SWD-1739. The results confirm that this location of the San Andres and Glorieta formations is not protectable as defined under 19.15.2(F)(3) NMAC. Though the initial sample from the lower zone showed a TDS of less than 10,000 mg/L, the overall assessment of the four samples support a general water quality in excess of 10,000 mg/L. Results of the SWD-846 Method 8021B also indicate a low HC potential. The order remains unchanged and this COA is complete. Copies of the results will be placed in the well record and Imaging file for the SWD order. Additionally, thank Mr. Boyer for providing a description of the sampling procedure as well as the good protocol of obtaining multiple samples. PRG

Phillip Goetze, PG
Engineering Bureau, Oil Conservation Division, NM EMNRD
1220 South St. Francis Drive, Santa Fe, NM 87505
Direct: 505.476.3466
E-mail: phillip.goetze@state.nm.us

From: Andy Rickard <arickard@Cambrianmgmt.com>
Sent: Monday, September 24, 2018 3:40 PM
To: Goetze, Phillip, EMNRD <Phillip.Goetze@state.nm.us>
Subject: FW: Sampling Results, Ted Williams SWD #1 Administrative Order SWD 1739

M Goetze

Per the COA for Ted Williams SWD owned by Goodnight Midstream. The Term "upper zone" refers to a perf set from 5720-5740 (between 5200-5800)

"Lower zone" refers to a perf set 5945-5965 which is between 5900-6500 as dictated by Administrative Order SWD 1739

Andrew E Rickard
Project Manager



415 West Wall St., Suite 900
Midland, TX 79701
Off: 432-620-9181
Cell: 432-553-2828

From: Art Linthicum <art.wellsite@yahoo.com>
Sent: Saturday, September 22, 2018 11:14 AM
To: Andy Rickard <arickard@Cambrianmgmt.com>
Subject: Fwd: Sampling Results, Ted Williams SWD #1



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240Project: TED WILLIAMS SWD #1
Project Number: CAM - 18-001
Project Manager: Bob Allen
Fax To: (575) 393-4388Reported:
21-Sep-18 08:43**UPPER ZONE #1 SWAB****H802574-05 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride*	48500		4.00	mg/L	1	8090703	AC	14-Sep-18	4500-Cl-B	
TDS*	80100		5.00	mg/L	1	8090710	AC	13-Sep-18	160.1	

Volatile Organic Compounds by EPA Method 8021

Benzene*	0.380		0.010	mg/L	10	8091213	MS	13-Sep-18	8021B	
Toluene*	0.045		0.010	mg/L	10	8091213	MS	13-Sep-18	8021B	
Ethylbenzene*	<0.010		0.010	mg/L	10	8091213	MS	13-Sep-18	8021B	
Total Xylenes*	<0.030		0.030	mg/L	10	8091213	MS	13-Sep-18	8021B	
Total BTEX	0.425		0.060	mg/L	10	8091213	MS	13-Sep-18	8021B	

Surrogate: 4-Bromofluorobenzene (P11)

98.7 % 81.3-128 8091213 MS 13-Sep-18 8021B

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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EXHIBIT A



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240Project: TED WILLIAMS SWD #1
Project Number: CAM - 18-001
Project Manager: Bob Allen
Fax To: (575) 393-4388Reported:
21-Sep-18 08:43**UPPER ZONE #2 SWAB
H802574-06 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride*	49500		4.00	mg/L	1	8090703	AC	14-Sep-18	4500-CI-B	
TDS*	81500		5.00	mg/L	1	8090710	AC	13-Sep-18	160.1	

Volatile Organic Compounds by EPA Method 8021

Benzene*	0.085		0.001	mg/L	1	8091213	MS	13-Sep-18	8021B	
Toluene*	0.014		0.001	mg/L	1	8091213	MS	13-Sep-18	8021B	
Ethylbenzene*	<0.001		0.001	mg/L	1	8091213	MS	13-Sep-18	8021B	
Total Xylenes*	0.004		0.003	mg/L	1	8091213	MS	13-Sep-18	8021B	
Total BTEX	0.103		0.006	mg/L	1	8091213	MS	13-Sep-18	8021B	

Surrogate: 4-Bromofluorobenzene (PID)

86.3 %

81.3-128

8091213

MS

13-Sep-18

8021B

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: TED WILLIAMS SWD #1
Project Number: CAM - 18-001
Project Manager: Bob Allen
Fax To: (575) 393-4388

Reported:
21-Sep-18 08:43

**UPPER ZONE #3 SWAB
H802574-07 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	--------------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories

Inorganic Compounds

Chloride*	21200		4.00	mg/L	1	8090703	AC	14-Sep-18	4500-Cl-B	
TDS*	40400		5.00	mg/L	1	8090710	AC	13-Sep-18	160.1	

Volatile Organic Compounds by EPA Method 8021

Benzene*	4.33		0.050	mg/L	50	8091213	MS	13-Sep-18	8021B	
Toluene*	0.551		0.050	mg/L	50	8091213	MS	13-Sep-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/L	50	8091213	MS	13-Sep-18	8021B	
Total Xylenes*	0.289		0.150	mg/L	50	8091213	MS	13-Sep-18	8021B	
Total BTEX	5.17		0.300	mg/L	50	8091213	MS	13-Sep-18	8021B	

Surrogate: 4-Bromofluorobenzene (P11)

95.1 % 8/3-128 8091213 MS 13-Sep-18 8021B

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*=Accredited Analyte

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Coley D. Keene

Coley D. Keene, Lab Director/Quality Manager

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EXHIBIT A



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: TED WILLIAMS SWD #1
Project Number: CAM - 18-001
Project Manager: Bob Allen
Fax To: (575) 393-4388

Reported:
21-Sep-18 08:43

UPPER ZONE # 4 SWAB

H802574-08 (Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories

Inorganic Compounds

Chloride*	9800		4.00	mg/L	1	8090703	AC	14-Sep-18	4500-C1-B	
TDS*	16400		5.00	mg/L	1	8091202	AC	13-Sep-18	160.1	

Volatile Organic Compounds by EPA Method 8021

Benzene*	6.20		0.100	mg/L	100	8091213	MS	13-Sep-18	8021B	
Toluene*	0.664		0.100	mg/L	100	8091213	MS	13-Sep-18	8021B	
Ethylbenzene*	<0.100		0.100	mg/L	100	8091213	MS	13-Sep-18	8021B	
Total Xylenes*	<0.300		0.300	mg/L	100	8091213	MS	13-Sep-18	8021B	
Total BTEX	6.86		0.600	mg/L	100	8091213	MS	13-Sep-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)										
			94.7 %	81.3-128		8091213	MS	13-Sep-18	8021B	

Cardinal Laboratories

*=Accredited Analyte

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Celestine D. Keene

Celestine D. Keene, Lab Director/Quality Manager

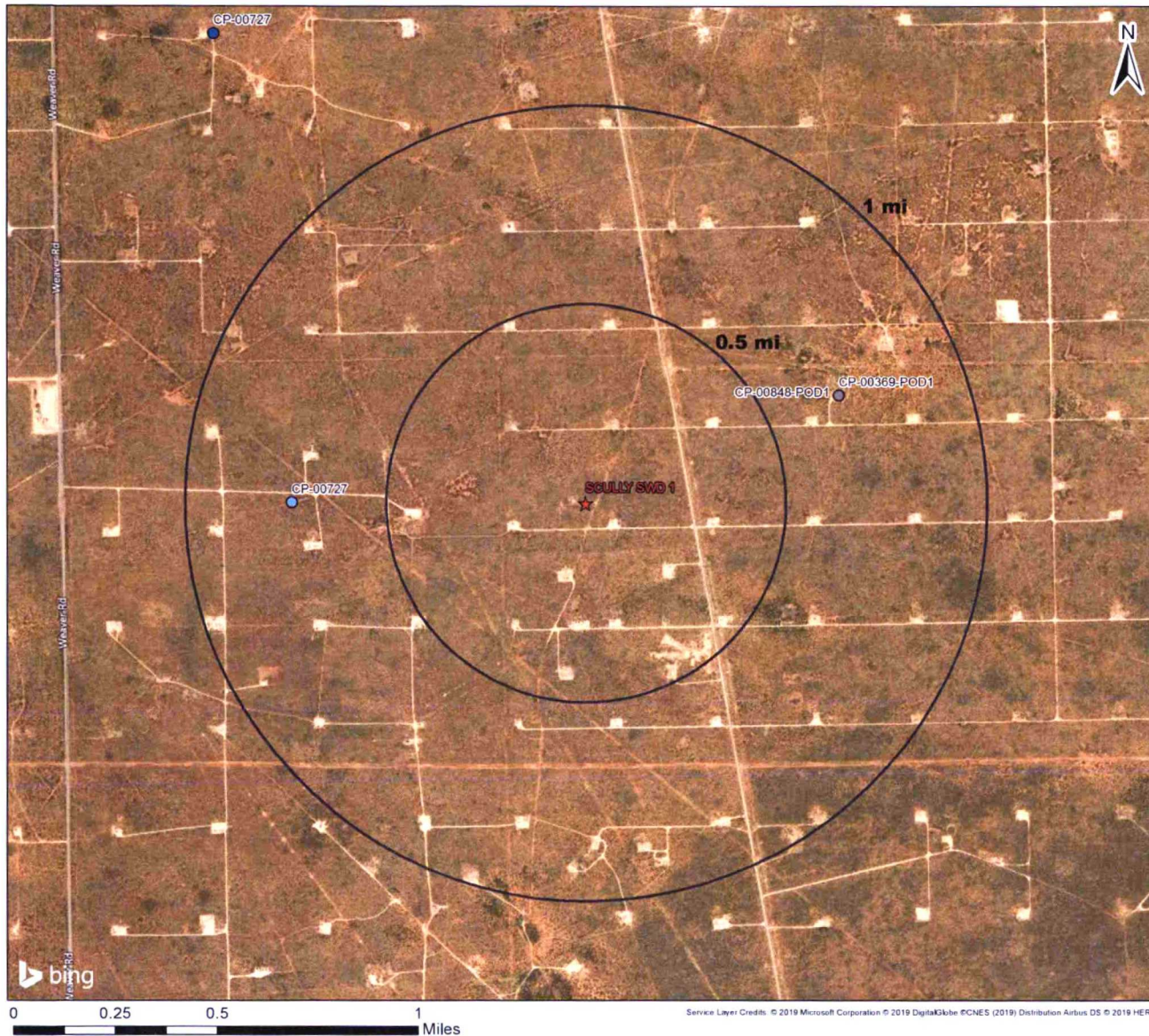
Page 10 of 15

EXHIBIT A

Attachment 5

Water Well Map and Well Data

EXHIBIT A



Legend

★ Proposed SWD

NMOSE PODs

Status

- Active (1)
- Dry Hole (1)
- Unknown (2)

Water Wells Area of Review

SCULLY SWD 1 Lea County, New Mexico

Proj Mgr:
Dan Arthur

March 29, 2019

Mapped by:
Ben Bockelmann

Prepared by:

ALICONSULTING

EXHIBIT A

Water Well Sampling Rationale				
Goodnight - Scully SWD 1				
Water Wells	Owner	Available Contact Information	Use	Notes
CP-00727	Dasco Land Corporation	P.O. Box 2545 Hobbs, New Mexico 88240 505.397.6012	Livestock watering	No
CP-00848 POD1	Chevron USA INC	P.O. Box 670 Hobbs, New Mexico 88240	Oil Production - Waterflood water supply	No
CP-00369-POD1	Gulf Oil Corporation	P.O. Box 1938 Roswell, New Mexico	Oil Production	No

IMPORTANT-READ INSTRUCTIONS ON BACK BEFORE FILLING OUT THIS FORM
DOMESTIC

Application for Permit to Change Location of Well

Date Received May 25, 1988 File No. CP-727

1. Name of Water Right Owner DASCO LAND CORPORATION
Street or Post Office Address P. O. BOX 2545
City and State HOBBS, NM Zip Code 88240

2. Source of water supply Shallow, located in Capitan
(artesian or shallow water aquifer) (name of underground basin)

3. Well from which rights are to be severed:
(a) Well is in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$, Section 5 Township 22-S Range 36-E N.M.P.M.,
or Tract No. _____ of Map No. _____ of the _____

(b) Is well to be plugged Yes; If not, state for what use retained _____

4. Application is made to change location of well for the following reasons (If well is to be used for only a part of original right describe that part by legal description under item number 6): Dry hole

5. Well to which transfer is to be made:
(a) Located in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$, Section 32 Township 21-S Range 36-E N.M.P.M.,
or Tract No. _____ of Map No. _____ of the _____
on land owned by applicant
(b) Quantity of water to be appropriated 3 acre feet applied to _____ acres
of land; if not for irrigation, specify purpose stock
(c) If existing well, give File No. _____
(d) If a new well, give name of driller ABBOTT BROTHERS
(e) Outside diameter of casing 6 inches; Approximate depth to be drilled 267 feet.

6. Additional statements or explanations _____

Ben Alexander
I, _____, affirm that the foregoing statements are true to the best of my knowledge
and belief and that I am the Sole owner and holder of said water right.
(sole, partial, agent for, etc.)

DASCO Land Corporation, Applicant
By: Ben Alexander
CEO

ACTION OF STATE ENGINEER

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
After notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercised
to the impairment of any others having existing rights; further provided that all rules and regulations of the State
Engineer pertaining to the drilling of domestic wells be complied with; and further subject to the following
conditions: (1) The maximum amount of water that may be appropriated under this
permit is 3 acre-feet in any year. (2) Depth of the well shall not exceed the
thickness of the valley fill or Ogallala formation. (3) Use shall be limited
to household, non-commercial trees, lawn and garden not to exceed one acre and/
or stock use.

Well Record
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
From completion of well shall be filed on or before May 31, 1989
Old well to be plugged and plugging report submitted on or before May 31, 1989.
Witness my hand and seal this 26 day of May, A.D., 1988

S. E. Reynolds, State Engineer

By: Delbert W. Nelson File No. CP-727
District II Supervisor

WR FILED: 6-6-88

PLUGGING RECORD FILED: 6-5-88

as who has hole

EXHIBIT A

Application for Permit to Change Location of Well

INSTRUCTIONS

INSTRUCTIONS

This form shall be executed, preferably typewritten, in triplicate and must be accompanied by a \$5.00 filing fee. Each triplicate copy must be properly signed. If applicant is not recorded owner of water right, Change of Ownership affidavit must accompany this application. If additional space is required use a separate sheet or sheets and attach securely hereto.

အိမ်ထောင်ရေး

STATE ENGINEER OFFICE
WELL RECORD

475749

Section 1. GENERAL INFORMATION

(A) Owner of well DASCO Land Corporation Owner's Well No. _____
Street or Post Office Address P.O. Box 2545
City and State Hobbs, New Mexico 88240

Well was drilled under Permit No. CP-727 and is located in the:

a. $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ NE of Section 5 Township 22S Range 36E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in Lea County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor Abbott Bros. Drilling License No. WD-46

Address P.O. Box 637, Hobbs, New Mexico 88240

Drilling Began 4/22/88 Completed 4/26/88 Type tools Cable Size of hole 8 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 228 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well DRY HOLE ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
			THIS WAS A DRY HOLE	

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
12 3/4	33		7		7			

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				
	18				
	28				

Section 5. PLUGGING RECORD

Plugging Contractor ABBOTT BROS. DRILLING
Address P.O. Box 637
Plugging Method Steel Cap welded on top on 12 27/4
Date Well Plugged April 27, 1988
Plugging approved by: _____

State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received April 28, 1988

Quad _____ FWL _____ FSL _____

File No. CP-727 Use STOCK Location No. 22.36.5.23111

EXHIBIT A

[illegible]

STATE ENGINEER
ROSWELL, NM
APR 28 8 25 AM '88

Murrell Abbott
Driller N.B.

EXHIBIT A

**STATE ENGINEER OFFICE
WELL RECORD**

Section 1. GENERAL INFORMATION

(A) Owner of well DASCO Land Corp. 1 Owner's Well No. _____
 Street or Post Office Address P.O. Box 2545
 City and State Hobbs, New Mexico 88240

Well was drilled under Permit No. CP-727 and is located in the:

- a. $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ NE of Section 32 Township 21-S Range 36-E N.M.P.M.
 b. Tract No. _____ of Map No. _____ of the _____
 c. Lot No. _____ of Block No. _____ of the _____
 Subdivision, recorded in _____ County.
 d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in
 the _____ Grant.

(B) Drilling Contractor Abbott Bros. Drilling License No. WD-46
 Address P.O. Box 637, Hobbs, New Mexico 882409

Drilling Began 5/12/88 Completed 5/19/88 Type tools Cable Size of hole 10 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 267 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 212 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
<u>212</u>	<u>225</u>	<u>13</u>	<u>Sand</u>	

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
<u>5 1/2</u>	<u>14</u>	<u>Welded</u>	<u>0</u>	<u>264</u>	<u>264</u>	<u>None</u>	<u>173</u>	<u>264</u>

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				

Section 5. PLUGGING RECORD

Plugging Contractor _____
 Address _____
 Plugging Method _____
 Date Well Plugged _____
 Plugging approved by: _____

State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
<u>1</u>			
<u>2</u>			
<u>3</u>			
<u>4</u>			

FOR USE OF STATE ENGINEER ONLY

Date Received

File No. June 6, 1988 Use STOCK Location No. 21.36.32.21211

EXHIBIT A

[illegible]

STATE ENGINEER
ROSWELL, NM
JUN 6 8 25 AM '88

Murrell Abbott
Driller 3/R

EXHIBIT A

Attachment 6

Public Notice Affidavit and Notice of Application Confirmations


EXHIBIT A

Affidavit of Publication

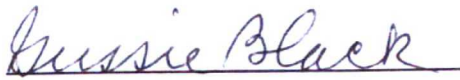
STATE OF NEW MEXICO
COUNTY OF LEA

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
March 29, 2019
and ending with the issue dated
March 29, 2019.


Publisher

Sworn and subscribed to before me this
29th day of March 2019.


Business Manager

My commission expires

January 29, 2023

(Seal)



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
MARCH 29, 2019

APPLICATION FOR AUTHORIZATION TO INJECT

NOTICE IS HEREBY GIVEN: That Goodnight Midstream Permian, LLC, 5910 N Central Expressway, Suite 850, Dallas, TX 75206, is requesting that the New Mexico Oil Conservation Division administratively approve the APPLICATION FOR AUTHORIZATION TO INJECT as follows:

PURPOSE: The intended purpose of the injection well is to dispose of salt water produced from permitted oil and gas wells.

WELL NAME AND LOCATION: Scully SWD 1
SE 1/4 NW 1/4, Section 4, Township 22S, Range 38E
1.724' FNL & 1.607' FWL
Lea County, NM

NAME AND DEPTH OF DISPOSAL ZONE: San Andres
(4,450' - 5,750')

EXPECTED MAXIMUM INJECTION RATE: 35,000
Bbls/day

EXPECTED MAXIMUM INJECTION PRESSURE: 890 psi
(surface)

Objections or requests for hearing must be filed with the New Mexico Oil Conservation Division within fifteen (15) days. Any objection or request for hearing should be mailed to the Oil Conservation Division, 1220 South St. Francis Dr. Santa Fe, New Mexico 87505.

Additional information may be obtained by contacting Nate Alleman at 918-382-7581.
#33958

67115320

00226416

DANIEL ARTHUR
ALL CONSULTING
1718 S. CHEYENNE AVE.
TULSA, OK 74119

EXHIBIT A

Scully SWD 1 - Notice of Application Recipients				
Entity	Address	City	State	Zip Code
Landowner				
Llano Estacado Properties, LLC	5910 North Central Expressway, Suite 850	Dallas	TX	75206
OCD District				
NMOCD District 1	1625 N. French Drive	Hobbs	NM	88240
Mineral Owner				
Commissioner of Public Lands State Land Office Attention: Faith Crosby Water Resources NM State Land Office	310 Old Santa Fe Trail	Santa Fe	NM	87501
Leasehold Operators				
Blackbeard Operating, LLC	201 W. Wall St., Suite 900	Midland	TX	79701
Chevron U S A Inc	6301 Deauville Blvd.	Midland	TX	79706
Kerr-McGee O/G Onshore, LP	P.O. Box 867	Andrews	TX	79714
XTO Energy, Inc	200 N. Loraine St., Suite 800	Midland	TX	79701
ZPZ Delaware I LLC	2000 Post Oak Blvd., Suite 100	Houston	TX	77056
Notes:				

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Midland TX 79701-4532

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Kerr-McGee OG Onshore LP
P.O. Box 867
Andrews TX 79714-0867

9414 8118 9956 0657 0329 27

Llano Estacado Properties, LLC
5910 North Central Expressway, Suite 850
Dallas TX 75206-1108

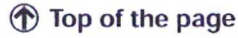
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7,882,094; 8,027,926; 8,027,927; 8,027,935; 8,041,644; and 8,046,823 8 103,647
8 195,570; 8 301,573; 8 303,301; 8 306,043

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NMOCD District 1
1625 N. French Drive
Hobbs NM 88240-9273

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Houston TX 77056-4497

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Faith Crosby
Commissioner of Public Lands - Water Resources
State Land Office
310 Old Santa Fe Trail
Santa Fe NM 87501-2708

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