AE Order Number Banner

Application Number: pMSG2420359598

SWD-2627

LeaCo Operating, LLC [331439]



June 14, 2024

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

Subject: LeaCo Operating, LLC (OGRID No. 331439) Application for Authorization Inject – Crawford SWD #2

To Whom It May Concern,

On behalf of LeaCo Operating, LLC, ALL Consulting, LLC is submitting the enclosed Application for Authorization to Inject for the Crawford SWD #2, a proposed saltwater disposal well, in Lea County, NM.

Should you have any questions regarding the enclosed application, please contact Oliver Seekins at (918) 382-7581 or oseekins@all-llc.com.

Sincerely,

ALL Consulting, LLC

Oliver Seekins

Project Manager/Regulatory Specialist

RECEIVED:	REVIEWER:	TYPE:	APP NO:	
		cal & Engineerin	ATION DIVISION g Bureau –	O MEN NEED
THIS	CHECKLIST IS MANDATORY FOR AL			DIVISION RULES AND
Applicant:			OGRID	Number:
Well Name: Pool:			API: Pool Co	ode:
	ATE AND COMPLETE INF		IRED TO PROCESS THI	
A. Location	ICATION: Check those to a spacing Unit - Simult NSL NSP(PR		on	
[1] Com [II] Inje [II] Inje 2) NOTIFICATIO A. Offse B. Roya C. Appli D. Notifi E. Notifi F. Surfa G. For a	one only for [1] or [1] on mingling – Storage – Maningling – Storage – Maningling – Storage – Maningling – Storage – Maningling – Storage – Pressure of the Composition of the above, proof of the proof	LC PC Control PC PC PC PC PC PC PC PC PC PC	eor Ppr y. wners LO LM	FOR OCD ONLY Notice Complete Application Content Complete d, and/or,
administrative understand the	N: I hereby certify that the approval is accurate an action will be takener submitted to the Div	and complete to ken on this applic	the best of my know	ledge. I also
N	lote: Statement must be comple	ted by an individual wit	h managerial and/or superv	isory capacity.
Delak as Town a Al			Date	
Print or Type Name			Phone Number	
Que Sabin	-		i none number	
Signature	•		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: LeaCo Operating, LLC
	ADDRESS: 2121 Sage Road, Suite 325, Houston, TX 77056
	CONTACT PARTY: Joshua Batchelor PHONE: 713-364-1410
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:
	 Proposed average and maximum daily rate and volume of fluids to be injected; Whether the system is open or closed; Proposed average and maximum injection pressure; Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and, 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: Oliver SeekinsTITLE: Project Manager/Regulatory Specialist
	SIGNATURE: DATE: 6/14/2024
*	E-MAIL ADDRESS: oseekins@all-llc.com If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal:

Application for Authorization to Inject

Well Name: Crawford SWD #2

III – Well Data (The wellbore diagram is included as **Attachment 1**)

A.

(1) General Well Information:

Operator: LeaCo Operating, LLC (OGRID No. 331439) Lease Name & Well Number: Crawford SWD #2 Location Footage Calls: 618' FSL & 855' FWL Legal Location: UL M, Sec 5. T24S, R36E

Ground Elevation: 3,416.6'

Proposed Injection Interval: 5,550' - 6,750'

County: Lea

(2) Casing Information:

Туре	Hole Size	Casing Size	Casing Weight	Setting Depth	Sacks of Cement	Estimated TOC	Method Determined
Surface	24"	20"	94.0 lb/ft	1,225'	1,115	Surface	Circulation
Intermediate 1	17-1/2"	13-3/8"	54.5 lb/ft	3,270'	2,150	Surface	Circulation
Intermediate 2	12-1/4"	9-5/8"	43.0 lb/ft	4,600'	1,365	Surface	Circulation
Production Casing	8-3/4"	7"	26.0 lb/ft	6,850′	1,000	Surface	CBL
Tubing	N/A	4-1/2"	11.6 lb/ft	5,530'	N/A	N/A	N/A

DV tool set at 3,500'

(3) Tubing Information:

4-1/2" (11.6 lb/ft) ceramic-coated tubing with setting depth of 5,530'.

(4) Packer Information: Baker Hughes Hornet, or equivalent packer, set at 5,530'.

В.

(1) Injection Formation Name: San Andres Formation & Glorieta Sandstone

Pool Name: SWD;San Andres-Glorieta

Pool Code: 96127

- (2) Injection Interval: Perforated injection between 5,550'-6,750'
- (3) Drilling Purpose: New drill for saltwater 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.
 - Yates (3,490')
 - Seven Rivers (3,740')

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

- Drinkard (7,100')
- Tubb (9,310')
- Morrow (12,550')

V – Well and Lease Details

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

- 2-mile Oil & Gas Well Map
- ½-mile AOR Well Table
- 2-Mile Lease Map
- 2-Mile Mineral Ownership Map
- 2-Mile Surface Ownership Map
- Potash Lease Map

VI – AOR Well List

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

There is one (1) well within the ½-mile AOR which penetrates the San Andres Formation and Glorieta Sandstone, and it has been properly plugged and abandoned to isolate the injection zone.

VII - Proposed Operation

- (1) Proposed Maximum Injection Rate: 20,000 bpd Proposed Average Injection Rate: 15,000 bpd
- (2) A closed-loop system will be used.
- (3) Proposed Maximum Injection Pressure: 1,110 psi (surface)
 Proposed Average Injection Pressure: approximately 832 psi (surface)
- (4) Source Water Analysis: It is expected that the injectate will consist of produced water from production wells completed in the Seven Rivers, Queen, Grayburg, Wolfcamp and Morrow Formations. Analysis of water from these formations is included as **Attachment 3**.
- (5) Injection Formation Water Analysis: The proposed SWD will be injecting water into the San-Andres Formation and Glorieta Sandstone, which are non-productive zones known to be compatible with formation water from the Seven Rivers, Queen, Grayburg, Wolfcamp and Morrow Formations. Water analyses from the San Andres Formation and Glorieta Sandstone in the area are included as **Attachment 4**.

VIII - Geologic Description

The proposed injection interval is in the San Andres Formation and Glorieta Sandstone from 5,550'-6,750'. The San Andres is a massive carbonate formation composed of predominantly dolomite and limestone, with secondary porosity development associated with the dolomitization and fractures. The Permian-aged Glorieta Sandstone is a fine grained and well-to-moderately sorted quartz arenite sandstone that occurs directly below the San Andres Formation. There are multiple zones of high porosity and low resistivity that makes this sandstone a viable injection zone in this area.

The base of the USDW is the Rustler Formation, at a depth of approximately 1,225 ft. The depth of the nearest water well in the area is 260 feet below ground surface (BGS), with an approximate static water level depth of 180 ft BGS.

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.

XI – Fresh Groundwater Samples

Based on a review of data from the New Mexico Office of the State Engineer, there are no active water wells within 1-mile of the proposed SWD location.

A water well map and sampling rationale are included in **Attachment 5**.

XII - No Hydrologic Connection Statement

There is no publicly known faulting 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.

A signed No Hydrologic Connection Statement is included as Attachment 6.

In addition, a *Seismic Potential Letter* detailing the minimal risk of injection-induced seismicity associated with the proposed SWD is included as *Attachment 7*.

XIII - Proof of Notice

A public notice was filed with the Hobbs News-Sun newspaper, and an affidavit is included in **Attachment 8**.

A copy of the application was mailed to the OCD district office, surface owner, and all identified affected parties. A list of the recipients, as well as delivery confirmations, are included in **Attachment 8.**

Attachments

Attachment 1:

- C-102
- Wellbore Diagram
- Packer Diagram

Attachment 2: Area of Review Information:

- 2-Mile Oil & Gas Well Map
- 1/2-Mile AOR Well Table
- 2-Mile Lease Map
- 2-Mile Mineral Ownership Map
- 2-Mile Surface Ownership Map
- Potash Lease Map

Attachment 3: Source Water Analysis

Attachment 4: Injection Formation Water Analysis

Attachment 5: Water Well Map and Sampling Rationale

Attachment 6: No Hydrologic Connection Statement

Attachment 7: Seismic Potential Letter

Attachment 8: Public Notice Affidavit and Notice of Application Confirmations

Attachment 1

- C-102
- Wellbore Diagram
- Packer Diagram

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410

Phone: (505) 334-6178 Fax: (505) 334-6170

1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

District IV

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

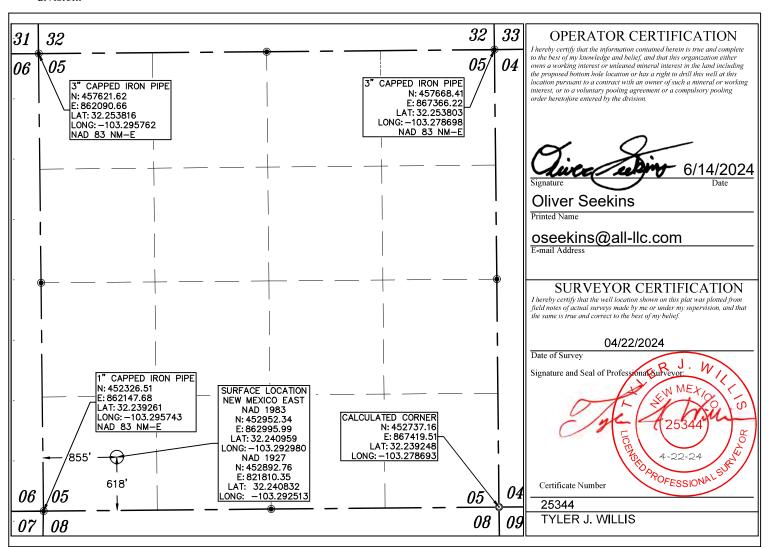
Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

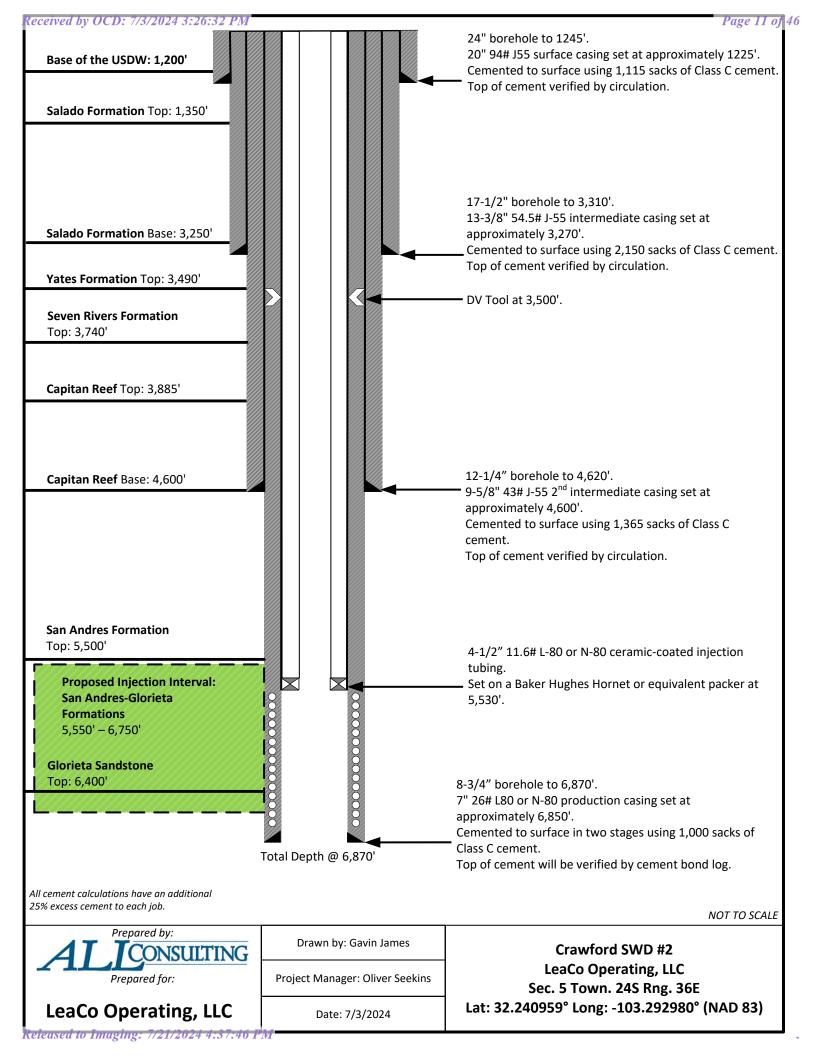
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

AF	I Number			Pool Code 96127		Pool Name SWD;San Andres-Glorieta							
Property C	Code			C	Property Name CRAWFORD SW	D		Well Number 2					
0GRID N 33143				Led	Operator Name aCo Operating,	LLC		Eleva 3416					
					Surface Location	n		,					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	County					
М	05	24 S	36 E		618'	SOUTH	855'	WEST	LEA				
			Bot	tom Hole	Location If Dif	ferent From Surfa	ace	1	· I				
UL or lot no.	Section												
Dedicated Acres	Joint or	r Infill	Consolidation Co	ode O	rder No.	1	1	1					

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.





Baker Hughes S

Hornet packer

Product family H64682

Hornet EL packer

Product family H64683

Applications

Fracturing and stimulation completions

Features and Benefits

- Upper slip assembly
 - Slip-wicker configuration provides bi-directional-load support with solid upper cone to reinforce highest tensile loads
 - Staged-release action eliminates high overpull
 - Minimal set-down weight required to anchor slips allows packer to be run in shallow set applications
- Internal bypass seal
 - Durable bypass seal design provides sealing after unloading allowing the packer to be reset
- · Packing element system
 - High-performance, threepiece element system provides a reliable seal against the casing
- Lower slip and jay assembly
 - One-quarter-turn right setting and releasing action simplifies running and retrieval operations
 - Ability to packoff of packing elements with applied tension or compression ensures packer can be fully set regardless of application

The mechanically set HORNET™ tubing retrievable production packer offers ease of operation with quarter-turn right to set and release. Converting it for wireline-setting applications is simple and inexpensive. The HORNET packer provides for landing in compression, tension, or neutral positions. Every component from the jay track, to the internal bypass, to the packing-element system and the upper slip assembly has been developed to ensure the packer's setting and releasing reliability.

The HORNET EL tubing retrievable production packer is run and set on electric line using an E-4TM setting tool (Product family No. H43702) with a slow-set power charge or a JTM hydraulic setting tool (Product family No. H41371) and a special wireline adapter kit. An L-10TM type on/off seal nipple is run on top of the packer to connect the tubing to the packer and to house a blanking plug when the packer is used as a temporary bridge plug.

The Hornet AND Hornet EL packers have been thoroughly tested to API 11D1 V3 standards as well as being tested across API minimum and maximum casing inside diameter (ID) range for each casing weight, for setting and releasing reliability.



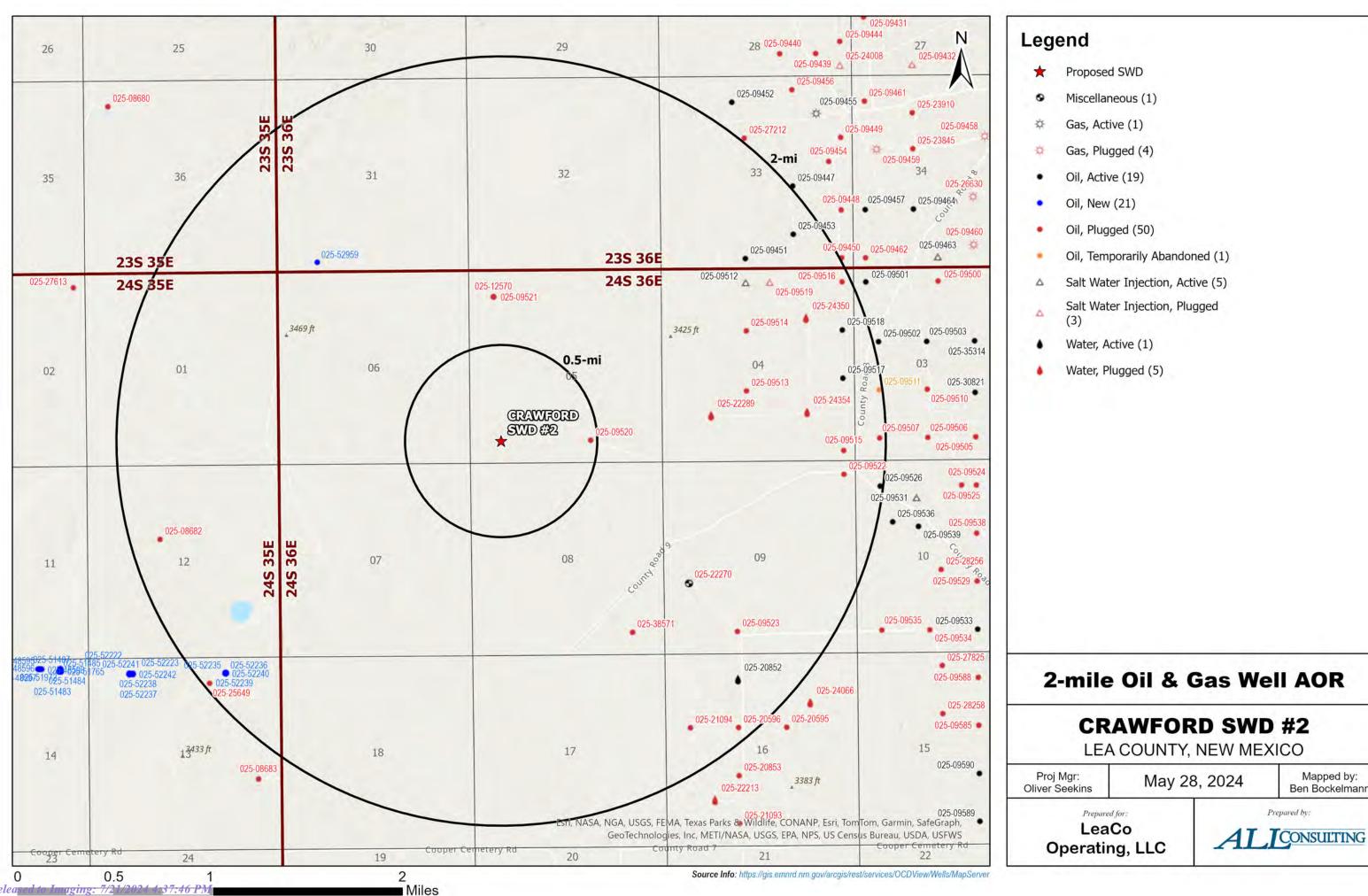
bakerhughes.com

Attachment 2

Area of Review Information:

- 2-mile Oil & Gas Well Map
- 1/2-Mile AOR Well Table
- 2-mile Lease Map
- 2-mile Mineral Ownership Map
- 2-mile Surface Ownership Map
- Potash Lease Map

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Mapped by:

Ben Bockelmann

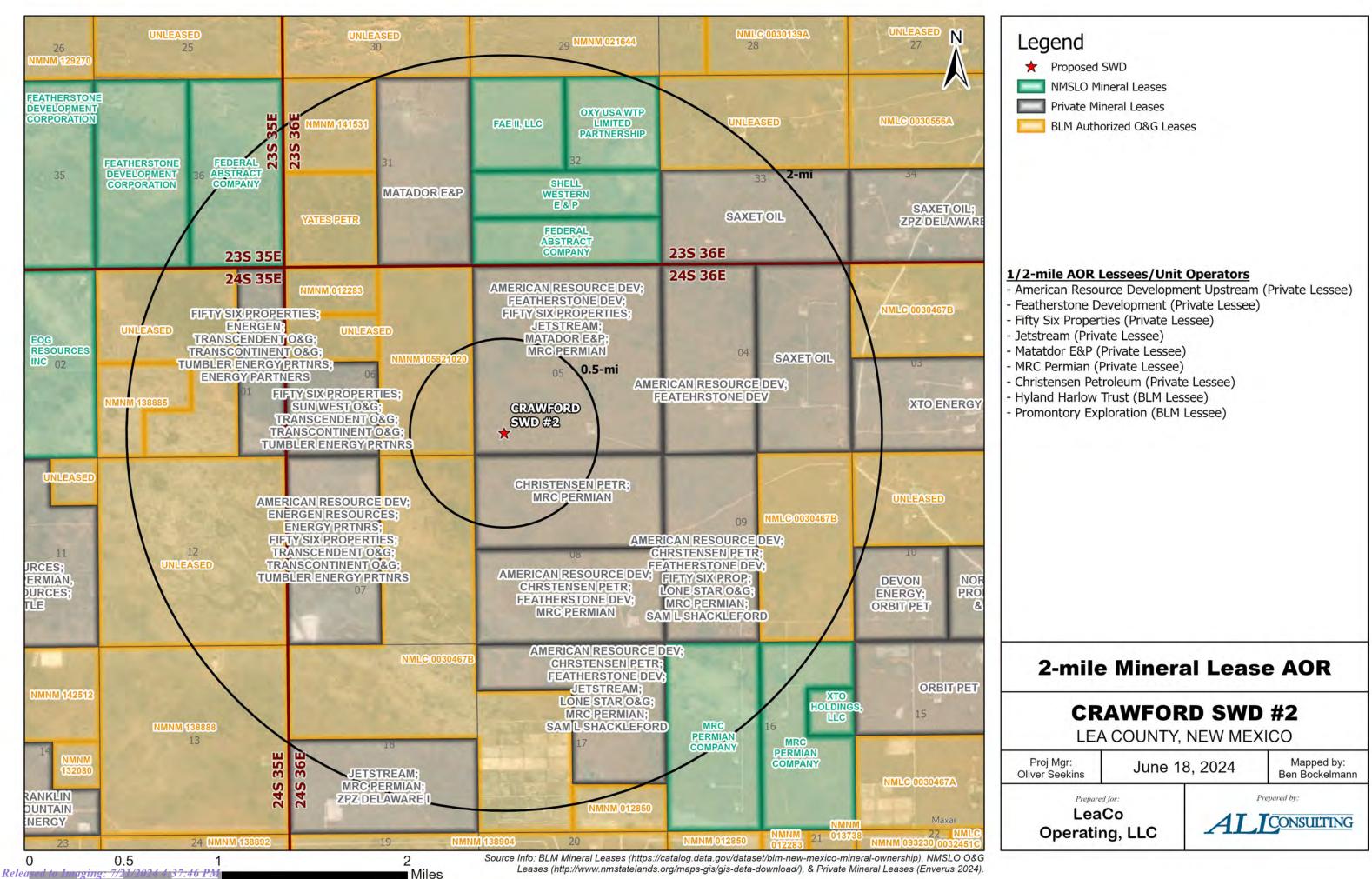
Prepared by:

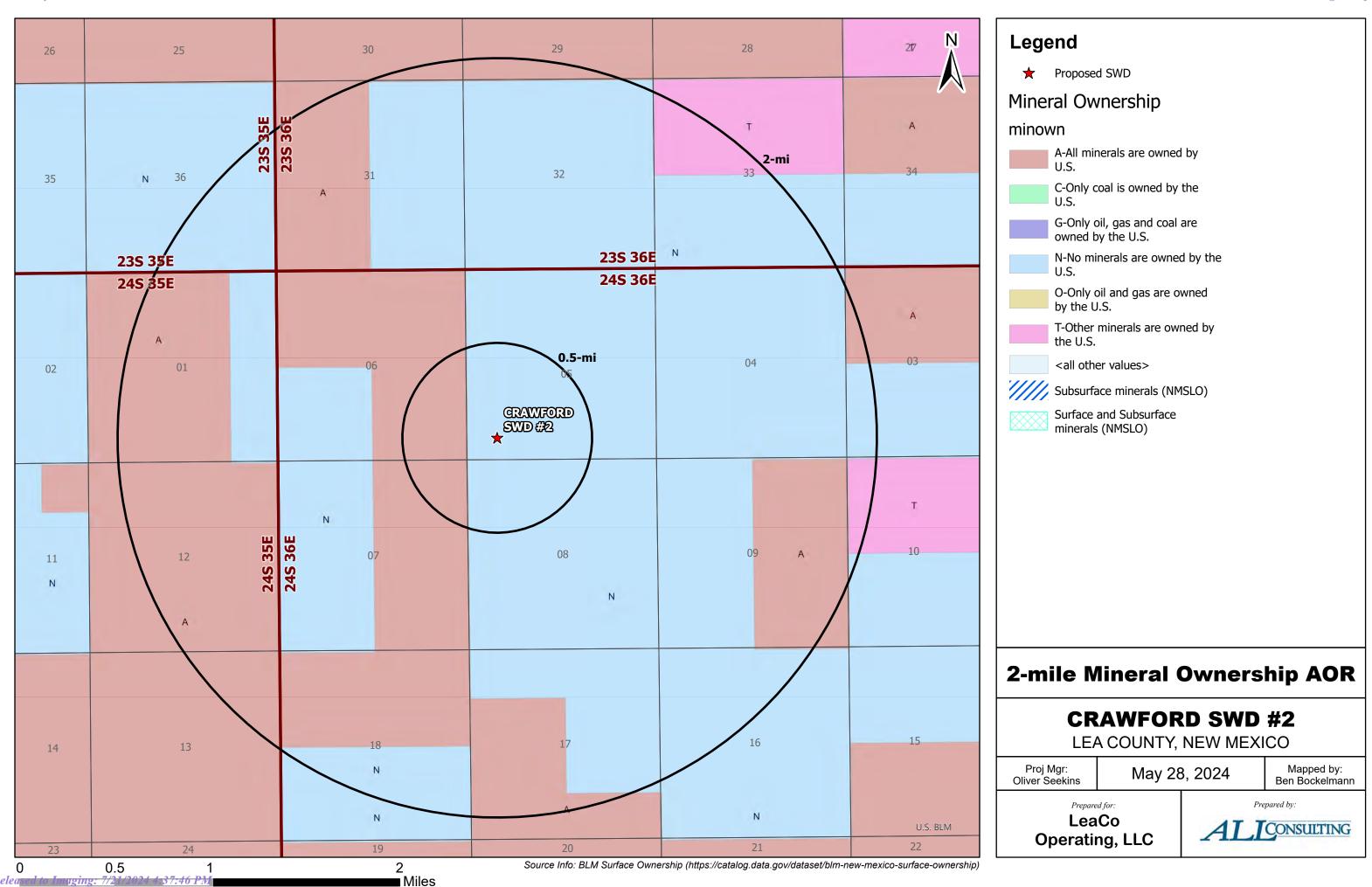
1/2-Mile AOR Well Table for Crawford SWD #2 (Top of Injection Interval: 5,550')												
Well Name	Well Name API# Well Type Operator Spud Date Location (Sec., Tn., Rng.) Total Vertical Depth (feet) Penetrate Inj. Zone?											
WHITTEN 1 30-025-09520 PLUGGED GRAHAM PAIGE CO. OF TEXAS 10/13/1958 Sec. 5, 24S-36E 14112 Yes												
Note: One (1) well within the ½-mile AOR penetrates the proposed injection zone. It has been appropriately plugged and abandoned to isolate the proposed injection zone.												

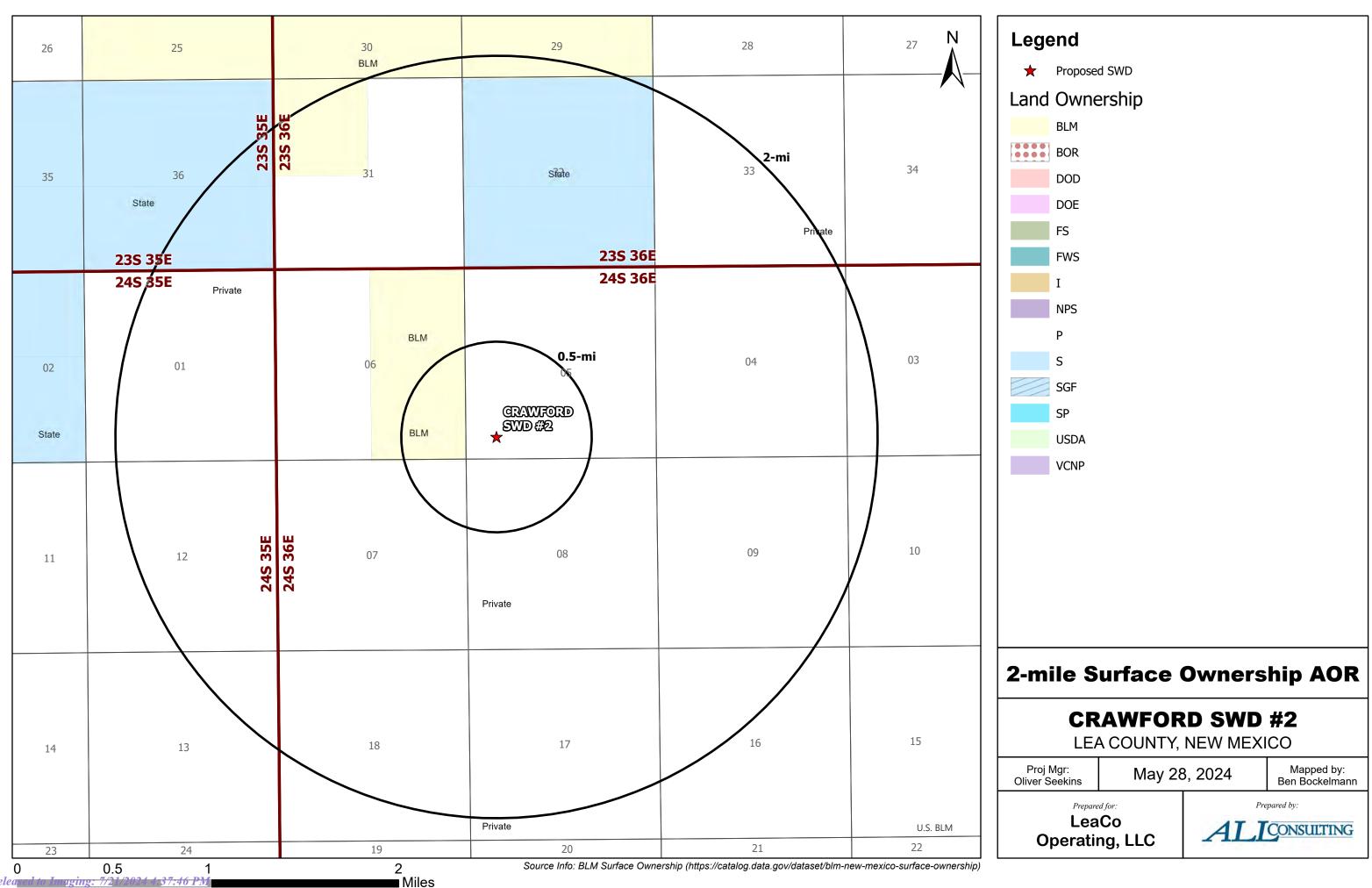
Casing/Plugging Information for Well Penetrating the Crawford SWD #1 Injection Zone										
Well Name	Туре	Set Depth	Casing Size	тос	TOC Method Determined	Sks of Cement	Hole Size			
	Surface	316'	20"	Surface	Calculated	500	24"			
	Intermediate	3,872'	13.375"	Surface	Calculated	2620	17.5"			
WHITTEN 1	Production	7,810'	9.625"	3,200'	Temperature survey	1140	12.5"			
	Liner	7,760' - 10 <mark>,</mark> 570'	7"	7,497'	Calculated	350	8.75"			
Plugging Details: CIBP set @ 3,830', cut 9.625" prod. casing and pulled 3,310'; plug @ 3,780' (50sx); plug @ 3,310' (25sx); plug @ surface (10sx)										

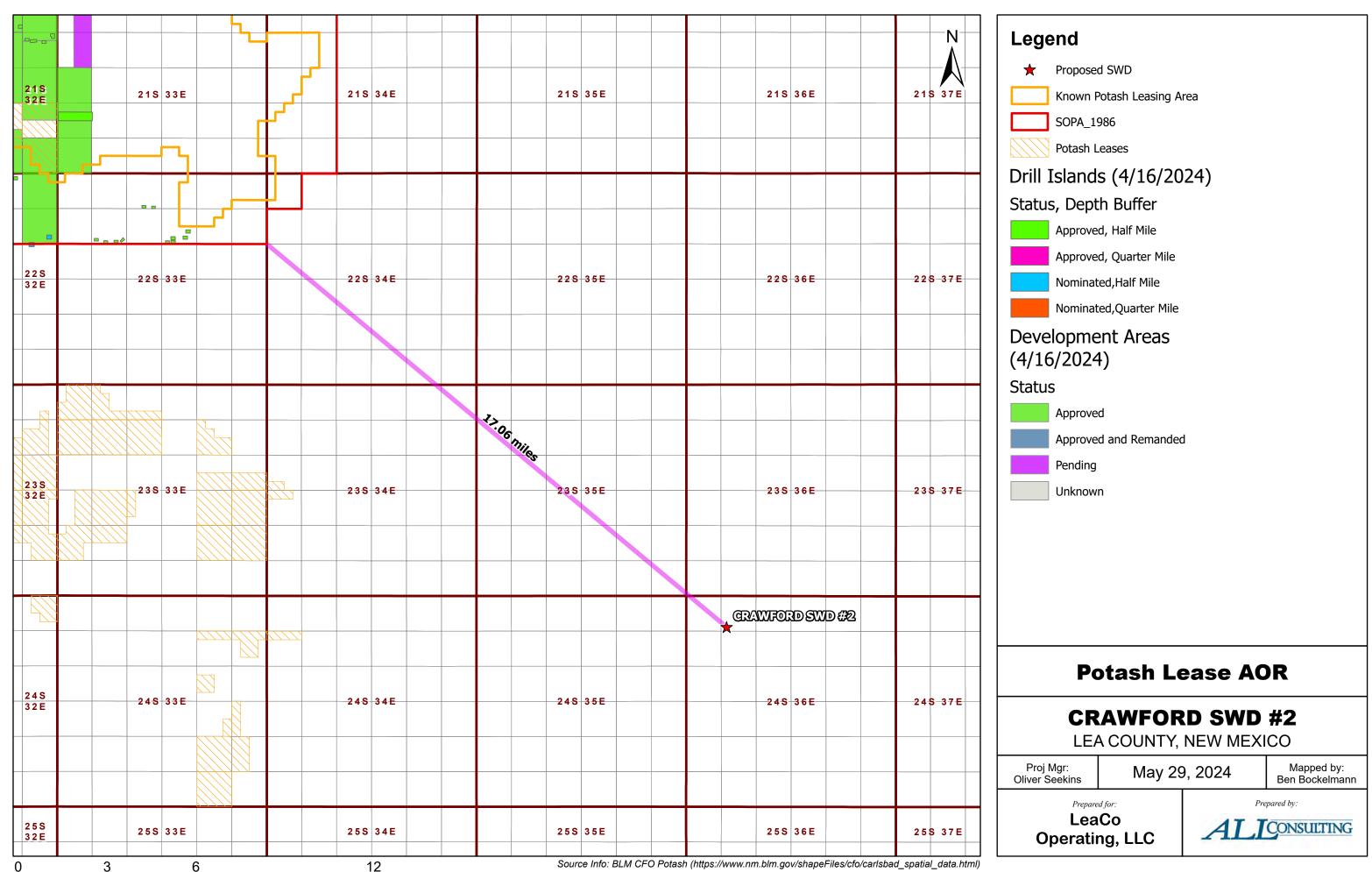
Note: ALL Consulting calculated top of cement for the surface, intermediate, and liner casing strings. As the well files do not indicate cement class used for well construction, Class C cement, with a yield of 1.32 cubic feet, was used for TOC calculations.

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■ Miles

Attachment 3

Source Water Analysis

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						Source V	Vater Ana	alysis								
			LeaCo	Operating,	LLC - Crawford	SWD #2 - Qւ	ueen, Grayl	burg, Wolfca	mp and Mor	row Forma	ntions					
Well Name	API	Latitude	Longitude	Section	Township	Range	Unit	Ftgns	Ftgew	County	State	Formation	Tds (mg/L)	Chloride (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)
ARROWHEAD GRAYBURG UNIT #133	3002504939	32.433533	-103.225334	36	21S	36E	L	1980S	660W	LEA	NM	GRAYBURG	8,156	3,276	1,431	746
W W WEATHERLY #001	3002506644	32.477100	-103.187210	17	21S	37E	K	1980S	1980W	LEA	NM	GRAYBURG	11,484	4,241	2,880	466
V M HENDERSON #001	3002506907	32.450771	-103.194679	30	21S	37E	Н	2319N	330E	LEA	NM	GRAYBURG	12,182	3,794	2,785	1,574
EUNICE KING #003	3002506839	32.451675	-103.170082	28	21S	37E	F	1980N	1980W	LEA	NM	GRAYBURG	14,405	6,347	1,614	959
WEST BLINEBRY DRINKARD UNIT #072	3002506645	32.477093	-103.182945	17	21S	37E	J	1980S	1980E	LEA	NM	GRAYBURG	15,453	7,280	1,958	630
H S TURNER #002	3002506884	32.443535	-103.192528	29	21S	37E	M	330S	330W	LEA	NM	GRAYBURG	15,574	7,136	2,488	395
EUNICE KING #001	3002506837	32.451675	-103.174362	28	21S	37E	Е	1980N	660W	LEA	NM	GRAYBURG	16,028	6,881	3,007	479
H T MATTERN NCT C #001	3002506657	32.477108	-103.195770	18	21S	37E	I	1980S	660E	LEA	NM	GRAYBURG	23,006	10,150	2,040	2,517
TURNER #004	3002506746	32.458927	-103.158325	22	21S	37E	М	660S	330W	LEA	NM	GRAYBURG	95,429	59,121	861	3,066
TURNER #011	3002506753	32.459629	-103.154045	22	21S	37E	N	915S	1650W	LEA	NM	GRAYBURG	106,450	67,814	525	2,271
ARGO A #008	3002506740	32.468903	-103.156197	22	21S	37E	D	990N	990W	LEA	NM	GRAYBURG	118,524	76,444	275	1,602
ARGO #007	3002509915	32.477970	-103.156204	15	21S	37E	L	2310S	990W	LEA	NM	GRAYBURG	123,162	75,000	153	1,138
L G WARLICK B #001	3002506665	32.466221	-103.195755	19	21S	37E	Н	1980N	660E	LEA	NM	GRAYBURG	134,673	79,530	791	3,055
LOCKHART A 17 #002	3002506637	32.477089	-103.178665	17	21S	37E	ī	1980S	660E	LEA	NM	GRAYBURG	147,051	89,860	88	1,325
ARGO A #007	3002506739	32.466454	-103.156937	22	21S	37E	E	1880N	760W	LEA	NM	GRAYBURG	238,149	166,197	295	1,829
ARROWHEAD GRAYBURG UNIT #159	3002508723	32.422646	-103.221046	1	228	36E	E	1980N	1980W	LEA	NM	GRAYBURG	7,382	2,849	1,555	481
ARROWHEAD GRAYBURG UNIT #139 ARROWHEAD GRAYBURG UNIT #149	3002508723	32.426277	-103.225327	1 1	22S	36E	D	660N	660W	LEA	NM	GRAYBURG	250,367	160,700	222	3,495
		32.419926	-103.223327	2			D TZ		2310W			GRAYBURG	1		2 229	
OXY STATE N #002	3002508744			2	22S	36E	K.	2310S		LEA	NM		16,557	8,195	2,328	161
STATE J 2 #008	3002508747	32.422634	-103.237061	2	22S	36E	F	1980N	2310W	LEA	NM	GRAYBURG	7,810	3,073	1,852	255
ARROWHEAD GRAYBURG UNIT #156	3002508748	32.422638	-103.233879	2	22S	36E	G	1980N	1980E	LEA	NM	GRAYBURG	6,894	3,076	1,854	256
R L BRUNSON TR 2 #005	3002509974	32.419338	-103.152985	3	22S	37E	K	2080S	1980W	LEA	NM	GRAYBURG	18,329	7,714	3,593	406
SOUTH PENROSE SKELLY #181	3002510119	32.400906	-103.187180	8	22S	37E	N	660S	1980W	LEA	NM	GRAYBURG	16,937	8,600	1,870	500
GREENWOOD #007	3002510128	32.404552	-103.165817	9	22S	37E	J	1980S	1980E	LEA	NM	GRAYBURG	11,135	3,820	1,460	2,050
LOU WORTHAM #003	3002510197	32.411808	-103.136482	11	22S	37E	С	660N	1800W	LEA	NM	GRAYBURG	7,402	4,398	14	149
LOU WORTHAM #002	3002510200	32.409088	-103.141243	11	22S	37E	Е	1650N	330W	LEA	NM	GRAYBURG	14,288	8,611	23	158
R L BRUNSON TR 2 #002	3002510029	32.418152	-103.162605	4	22S	37E	I	1650S	990E	LEA	NM	GRAYBURG	62,738	37,366	370	2,521
CHRISTMAS C #001	3002510340	32.393658	-103.178619	17	22S	37E	Н	1980N	660E	LEA	NM	GRAYBURG	148,536	87,593	587	5,532
HUGH COI #009 HUGH COI #011	3002522393 3002522625	32.398216 32.394589	-103.141251 -103.136566	14 14	22S 22S	37E 37E	D	330N 1650N	330W 1775W	LEA LEA	NM NM	GRAYBURG GRAYBURG	20,091 25,638	10,211 13,356	2,600 2,981	67
HUGH COI #011	3002522023	32.398216	-103.136971	14	22S 22S	37E	С	330N	1650W	LEA	NM	GRAYBURG	24,590	12,485	3,043	165
SOUTH JUSTIS UNIT #018	3002522510	32.124863	-103.118782	13	25S	37E	N	660S	1980W	LEA	NM	GRAYBURG	56,479	31,702	1,326	1,782
SWEET THING FEDERAL UNIT #001	3001528130	32.508919	-104.744667	6	21S	22E	F	1980N	1320W	EDDY	NM	MORROW	50,770	32,175	104	32
WILSON DEEP UNIT #001	3002520461	32.480583	-103.425339	13	21S	34E	F	2080N	2080W	LEA	NM	MORROW	11,648	566	2,161	5,252
NORTH INDIAN BASIN UNIT #015	3001528305	32.509445	-104.575714	2	21S	23E	F	1980N	1830W	EDDY	NM	MORROW	7,221	2,513	643	1,584
HAT MESA #001	3002524403	32.480682	-103.639076	14	21S	32E	Н	1980N	660E	LEA	NM	MORROW	271,555	199,015	289	529
LITTLE BOX CANYON AOX FEDERAL #001	3001524747	32.487557	-104.743752	7	21S	22E	N	800S	1600W	EDDY	NM	MORROW	108,615	66,030	293	25
MIDWEST L FEDERAL GAS COM #001 WEAVER FED #001	3001520828 3001500039	32.346603 32.426094	-104.283043 -104.637390	34 6	22S 22S	26E 23E	K D	1980S 660N	1980W 1980E	EDDY EDDY	NM NM	MORROW MORROW	179,513 94,780	109,000 57,244	161 205	1,800 716
CARNERO PEAK UT #001	3001510053	32.353401	-104.428116	31	22S	25E	A	660N	660E	EDDY	NM	MORROW	73,321	42,080	590	505
HARROUN OPER AREA #001	3001520157	32.364510	-104.121140	30	22S	28E	Н	2310N	990E	EDDY	NM	MORROW	53,480	32,300	476	58
VILLA A COM #001	3001522886	32.317143	-104.111633	8	23S	28E	K	1650S	1980W	EDDY	NM	MORROW	27,040	16,624	40	147
OPUNTIA DRAW ATG STATE COM #001	3001530757	32.271091	-104.423134	29	23S	25E	M	1090S	660W	EDDY	NM	MORROW	128,779	68,586	207	100
BIG FREDDY AVQ FEDERAL #002	3001510054	32.320358	-104.693283	10	23S	22E	F	1980N	1980W	EDDY	NM	MORROW	119,365	72,846	122	3
TELEDYNE 17 #001	3001522553	32.299664	-104.009087	17	23S	29E	N	660S	1980W	EDDY	NM	MORROW	62,523	37,600	142	810
BRANTLEY #001 LANGLIE MATTIX PENROSE SAND UNIT #001	3001522677 3002510265	32.288635 32.385529	-104.077049	22	23S	28E	K M	1880S 330S	2080W 400W	EDDY	NM NM	MORROW	278,468 287,873	166,000	78	3,400
LANGLIE MATTIX PENROSE SAND UNIT #001 LANGLIE MATTIX PENROSE SAND UNIT #044	3002510263	32.380085	-103.141029 -103.156609	14 22	22S 22S	37E 37E	M F	1650N	860W	LEA LEA	NM	QUEEN QUEEN	36,781	201,076 17,711	341 1,278	6,644 5,498
LANGLIE MATTIX PENROSE SAND UNIT #032	3002524033	32.379177	-103.148758	22	22S	37E	G	1980N	1980E	LEA	NM	QUEEN	36,874	18,134	1,643	4,539
LANGLIE MATTIX PENROSE SAND UNIT #034	3002510419	32.382805	-103.144470	22	22S	37E	A	660N	660E	LEA	NM	QUEEN	37,197	18,380	1,264	4,803
LANGLIE MATTIX PENROSE SAND UNIT #042	3002510407	32.375565	-103.152977	22	22S	37E	K	1980S	1980W	LEA	NM	QUEEN	36,866	17,805	1,205	5,560
LANGLIE MATTIX PENROSE SAND UNIT #512	3002510397	32.382805	-103.152985	22	22S	37E	С	660N	1980W	LEA	NM	QUEEN	36,140	17,466	1,551	4,887
LANGLIE MATTIX PENROSE SAND UNIT #262	3002523617	32.363773	-103.164726	28	22S	37E	G	2310N	1650E	LEA	NM	QUEEN	129,432	76,665	815	9,771
LANGLIE MATTIX PENROSE SAND UNIT #241	3002510495	32.362015	-103.160446	28	22S	37E	I	2310S	330E	LEA	NM	QUEEN	49,747	25,420	661	6,937
CONE BUTTE UT #001	3001510007 3001520138	32.382496	-104.544060	19	22S	24E	υ	400N	400W 1980W	EDDY	NM NM	WOLFCAMP WOLFCAMP	4,104	932	420 830	1,540 2,500
MAHUN STATE #001		32.393398	-104.710342	16	22S	22E	Γ	1800N	1980W	EDDY	NM	WOLFCAMP	35,495	19,000	830	2,500
NOTES: No Go-Tech water quality data is available for the Seve	en Kivers Formation	within 100mi of the	e proposed surface h	ore rocation.		1					1	1	1			

Attachment 4

Injection Formation Water Analysis

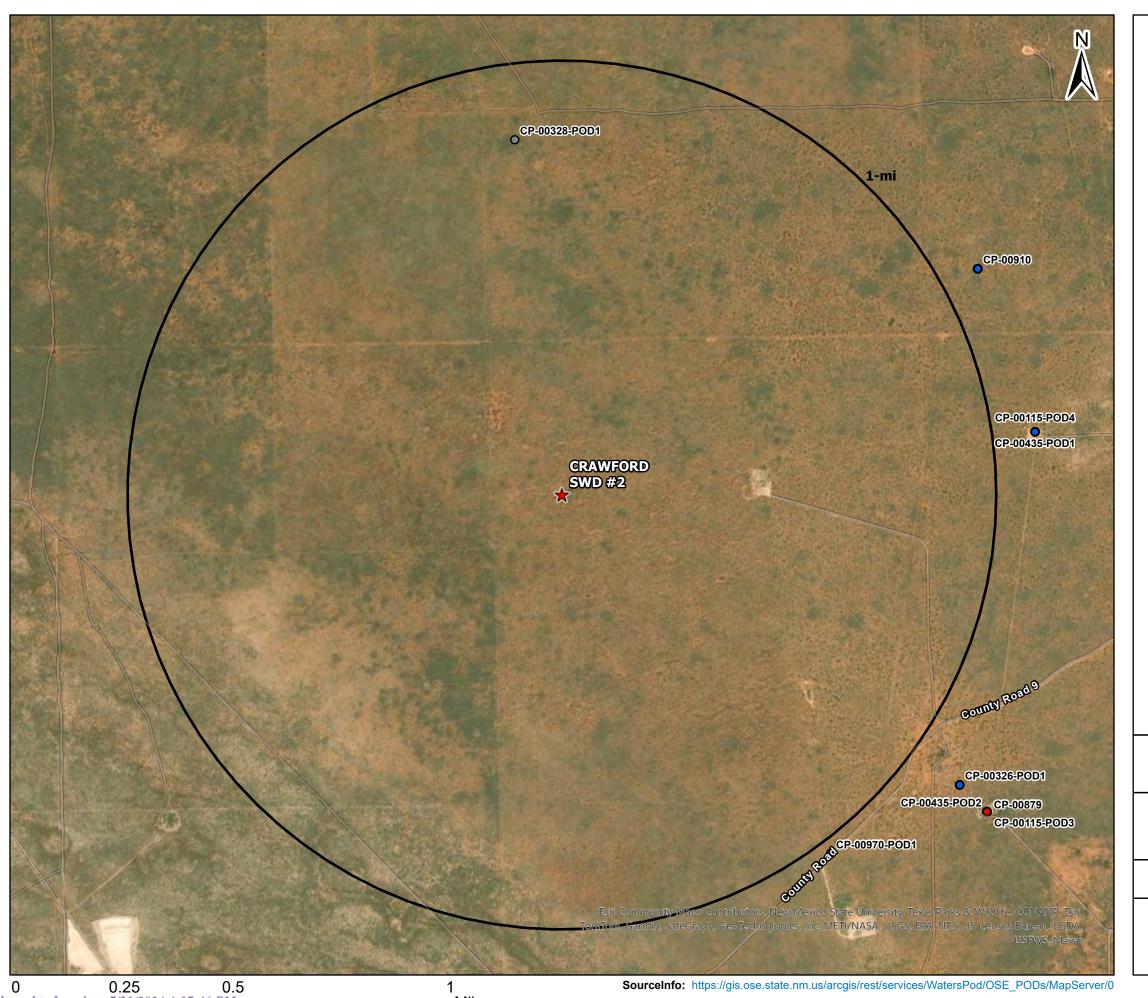
Page 23 of 46

									Inject	ion Fo	rmati	on Water Analysis				
LeaCo Operating, LLC - Crawford SWD #2 - San Andres Formation and Glorieta Sandstone																
Well Name	API	Latitude	Longitude	Section	Township	Range	Unit	Ftgns	Ftgew	County	State	Formation	Tds (mg/L)	Chloride (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)
EUNICE KING #024	3002506864	32.451386	-103.174034	28	21S	37E	Е	2086N	760W	LEA	NM	SAN ANDRES	97,871	57,350	223	3,405
V M HENDERSON #002	3002506908	32.455330	-103.195747	30	21S	37E	A	660N	660E	LEA	NM	GLORIETA	138,153	81,610	744	2,735
SIMMONS #001	3002510070	32.423267	-103.182198	5	22S	37E	G	1760N	1760E	LEA	NM	SAN ANDRES	78,653	46,510	580	2,184
C P FALBY B FEDERAL #004	3002510106	32.404530	-103.191460	8	22S	37E	L	1980S	660W	LEA	NM	SAN ANDRES	80,540	43,500	755	5,950
C P FALBY A FEDERAL #004	3002510120	32.408134	-103.191467	8	22S	37E	Е	1980N	660W	LEA	NM	SAN ANDRES	10,925	5,312	1,620	201
PENROSE #002	3002510146	32.407871	-103.173981	9	22S	37E	Е	2086N	776W	LEA	NM	SAN ANDRES	64,895	38,010	488	2,100
LOU WORTHAM #020	3002510216	32.411808	-103.140175	11	22S	37E	D	660N	660W	LEA	NM	SAN ANDRES	10,947	6,527	20	236
LOU WORTHAM #005	3002523606	32.410900	-103.136963	11	22S	37E	С	990N	1650W	LEA	NM	SAN ANDRES	18,587	9,460	13	2,518
LOU WORTHAM #006	3002523756	32.407272	-103.141083	11	22S	37E	Е	2310N	380W	LEA	NM	SAN ANDRES	14,868	9,040	24	112
HUGH COI #013	3002523275	32.398216	-103.139664	14	22S	37E	D	330N	820W	LEA	NM	SAN ANDRES	14,215	6,495	2,529	191
C C FRISTOE B FEDERAL NCT 2 #009	3002520930	32.178730	-103.136925	35	24S	37E	С	852N	1650W	LEA	NM	GLORIETA	94,935	56,550	985	2,360
LEARCY MCBUFFINGTON #007	3002511568	32.124863	-103.121979	13	25S	37E	M	660S	990W	LEA	NM	GLORIETA	55,190	31,603	1,158	1,804
CARLSON FEDERAL #001	3002511574	32.133018	-103.119843	13	25S	37E	F	1650N	1650W	LEA	NM	GLORIETA	113,731	67,250	280	3,013
LANGLIE FEDERAL #001	3002511592	32.129394	-103.127304	14	25S	37E	I	2310S	660E	LEA	NM	GLORIETA	113,937	67,370	280	3,018

Attachment 5

Water Well Map and Sampling Rationale

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Legend

★ Proposed SWD

OSE Water PODs

POD Status

- Active (4)
- Pending (1)
- Plugged (1)
- Unknown (3)

1-mile Water Well AOR

CRAWFORD SWD #2

LEA COUNTY, NEW MEXICO

Proj Mgr: Oliver Seekins

May 28, 2024

Mapped by: Ben Bockelmann

Prepared for: LeaCo Operating, LLC

Prepared by: **ALIC**ONSULTING

Miles

Page 26 of 46

	Water Well Sampling Rationale												
Water Wells	LeaCo Operating, LLC - Crawford SWD #2 Water Wells Owner Available Contact Information Use Available for sampling? Producing freshwater well? Sampled on Notes												
CP-00328-POD1	Mary Whitten Fry	P.O. Box 233 Jal, NM 88252	Commercial	No	No	N/A	NMOSE records show this well was originally permitted to support the drilling of a test oil well, with an option to conver the well for irrigation in the future. This well is currently not an active freshwater well.						
Summary:							an active freshwater well.						

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Attachment 6

No Hydrologic Connection Statement



RE: LeaCo Operating LLC - Crawford SWD #2 application, Lea County, New Mexico

ALL Consulting LLC (ALL) has performed a thorough hydrologic investigation related to the Crawford SWD #2 proposed saltwater disposal well. The investigation was conducted to determine if there were any existing or potential connections between the proposed injection intervals in the San Andres Formation - Glorieta Sandstone and the deepest underground source of drinking water (USDW).

ALL performed an assessment and analysis of the subsurface geophysical log data along with published documents on the groundwater in this vicinity of Lea County, New Mexico. The surficial geology is Quaternary alluvial deposits consisting predominantly of Holocene and Middle Pleistocene eolian and piedmont deposits. This area is south of the High Plains Aquifer and depths to potable water ranges from 30 to 142 feet below the surface. The USDW is the Rustler Formation and the base of the USDW ranges from about 1,100 to 1,200 feet below the surface. This proposed SWD is within the Capitan Reef and is near old Jal Water System water supply wells drilled into the reef for make-up water for waterflooding operations. A four-string casing and cementing program will be implemented to include isolation of the USDW with surface casing, a 1st intermediate casing set through the base of the Salado evaporites, and a 2nd intermediate casing string set through the base of the Capitan Reef, and production casing set through the injection interval. All casing strings will be cemented back to the surface.

Based on ALL's assessment and analysis there is containment through multiple confining zones in the parts of the San Andres Formation and Salado evaporite deposits above the San Andres - Glorieta Injection Interval and the USDW. There is over 4,350 feet of vertical separation between the base of the USDW and the top of the injection interval and 950 feet of vertical separation between the base of the Capitan Reef and the top of the San Andres – Glorieta injection interval. Additionally, there is no evidence of faults that would allow for communication between the USDW or the Capitan Reef and the San Andres - Glorieta injection interval.

Tom Tomastik

Chief Geologist and Regulatory Specialist

ALL Consulting LLC

Date



Attachment 7

Seismic Potential Letter



May 29, 2024

PN 1905.SWD.01

Mr. Phillip Goetze, P.G. NM EMNRD – Oil Conservation Division 1220 South St. Francis Drive Santa Fe, NM 87505

Subject: LeaCo Operating, LLC

Crawford SWD #2 - Seismic Potential Letter

Dear Mr. Goetze,

At the request of LeaCo Operating, LLC (LeaCo), ALL Consulting, LLC (ALL) has assessed the potential injection-induced seismicity risks in the vicinity of LeaCo's Crawford SWD #2, a proposed saltwater disposal (SWD) facility in Lea County, New Mexico, and summarized the findings in this letter. This assessment used publicly available data to identify the proximity and characteristics of seismic events and known faults to evaluate the potential for the proposed operation of the Crawford SWD #2 to contribute to seismic activity in the area.

Geologic Evaluation

The Crawford SWD #2 is requesting a permit to inject into the Permian San Andres carbonates and Glorieta Sandstone (Glorieta) at a depth of 5,550-6,750 feet below ground surface (bgs). The San Andres Formation is a carbonate formation composed of dolomite and limestone and contains significant secondary porosity development associated with dolomitization and fractures. The proposed injection zone is overlain by approximately 35 feet of low porosity carbonate rocks, within the upper San Andres Formation, which would prevent the upward migration of injection fluid and serve as the upper confining zone (see **Attachment 1**). The Glorieta primarily consists of Permian-age sandstone and approximately 50 feet of low porosity rocks underlie the injection zone, within the Glorieta and upper Yeso Group, which would prevent the downward migration of injection fluid and serve as the lower confining zone (see **Attachment 1**). A stratigraphic chart depicting the geologic setting is included as **Figure 1**.

Seismic Events and Fault Data

A review of United States Geological Survey (USGS) and New Mexico Tech Seismological Observatory (NMTSO) earthquake catalogues determined that thirty-two (32) seismic events have been recorded within a 100 square mile area [9.08-kilometer (km) radius] around the

¹ Yang, K.-M., & Dorobek, S. L. (1995). The Permian Basin of west Texas and New Mexico: Tectonic history of a "composite" Foreland Basin and its effects on stratigraphic development. *Stratigraphic Evolution of Foreland Basins*, 149–174. https://doi.org/10.2110/pec.95.52.0149

Subject SWD. The closest recorded seismic event was a M1.79 that occurred on September 23, 2023, and was located approximately 0.88 miles north of the Crawford SWD #2 (see **Attachment 2**). Fault data from NMTSO indicates that these seismic events have occurred in the Precambrian basement, far below the proposed injection zone.

Fault data from United States Geological Survey (USGS), the Texas Bureau of Economic Geology (BEG)², and Sourcewater³ indicates that the closest known fault in the sedimentary column is located approximately 5.52 miles east of the Crawford SWD #2 (see **Attachment 2**). This identified fault penetrates the Canyon, Cisco, and Wolfcamp formations which begin approximately 3,000 feet below the proposed injection interval. As previously discussed, there are confining barriers beneath the proposed injection interval which will prevent the downward migration of fluids into such faults. Other identified faults within the area of review are within the Precambrian basement, which is approximately 8,250 feet below the proposed injection interval.⁴ A map of the seismic events and faults within 9.08 km (100

Figure 1 – Delaware Basin Stratigraphic Chart (Adapted from Yang and Dorobek 1995)

SYSTEM	SERIES/ STAGE	CENTRA		DELAW	,		
	OCHOAN	DEWEY RUST SAL	LAKE	DEWE RUS SAL	Y LAKE TLER ADO STILE		
PERMIAN	GUADALUPIAN	TAN YAT SEVEN QUE GRAY SAN AT	ES RIVERS EEN BURG NDRES	DELAWARE MT GROUP BELL CANYON CHERRY CANYON BRUSHY CANYON			
	LEONARDIAN	CLEAR	FORK	BONE	SPRING		
	WOLFCAMPIAN	WOLF	CAMP	WOLFCAMP			
	VIRGILIAN	CIS	со	CIS	SCO		
	MISSOURIAN	CAN	YON	CAN	NOV		
PENNSYLVANIAN	DESMOINESIAN	STR	AWN	STR	AWN		
	ATOKAN	ATOKA	—BEND —	ATOKA	—BEND——		
	MORROWAN	(ABSENT)		MORROW			
MISSISSIPPIAN	CHESTERIAN MERAMECIAN OSAGEAN	CHESTER MERAMEC OSAGE	"BARNETT"	CHESTER MERAMEC OSAGE	BARNETT"		
	KINDERHOOKIAN	KINDER			RHOOK		
DEVONIAN		———WOOD			DFORD		
SILURIAN		4.44	N SHALE LMAN		SILURIAN ELMAN		
	UPPER	MON	TOYA	MON	VAN TOYA		
ORDOVICIAN	MIDDLE	SIMP	SON	SIM	PSON		
	LOWER	ELLENS	URGER	ELLEN	BURGER		
CAMBRIAN	UPPER	CAME	BRIAN	CAM	BRIAN		
PRECAMBRIAN							

square miles) of the Crawford SWD #2 is included as **Attachment 2.**

Seismic Potential Evaluation

Experience in evaluating induced seismic events indicates that most injection-induced seismicity throughout the U.S. (e.g., Oklahoma, Ohio, Texas, New Mexico, and Colorado) occurs as a result of injection into Precambrian basement rock, into overlying formations that are in hydraulic communication with the Precambrian basement rock, or as a result of injection near critically stressed and optimally oriented faults. Seismicity at basement depths occurs because critically stressed faults generally originate in crystalline basement rock and may also extend into overlying sedimentary formations. ⁵

² Horne E. A. Hennings P. H., and Zahm C. K. 2021. Basement structure of the Delaware Basin, in The Geologic Basement of Texas: A Volume in Honor of Peter Flawn, Callahan O. A., and Eichubl P., The University of Texas at Austin, Bureau of Economic Geology.

³ Formation of Occurrence, Strike, Dip, and Length Interpreted by (Cortina, J. E. and Lemons, C. R. 2019. Houston, TX: Sourcewater, Inc.)

⁴ G. Randy Keller, J. M. Hills &; Rabah Djeddi, A regional geological and geophysical study of the Delaware Basin, New Mexico and West Texas, Trans Pecos Region (West Texas) (1980).

⁵ Ground Water Protection Council and Interstate Oil and Gas Compact Commission.
Potential Injection-Induced Seismicity Associated with Oil & Gas Development: A Primer on Technical and Regulatory Considerations Informing Risk Management and Mitigation. 2015. 141 pages.

Injection into either the Precambrian basement rock or its overlying formations that are hydraulically connected to the basement rock through faulting or fracture networks can increase the pore pressure and may lead to the fault slipping, resulting in a seismic event.⁴ As such, the vertical distance between the injection formation and Precambrian basement rock and the presence or lack of faulting within the injection interval are major considerations when determining the risk of injection-induced seismicity.

Geophysical logs from nearby well records show at least 8,250 feet of vertical separation between the proposed injection interval and the Precambrian basement.³ In addition, injection-induced seismicity is not typically associated with shallow disposal wells in the Central Basin Platform and Delaware Basin areas, such as the Crawford SWD #2.

For injection into the San Andres Formation and Glorieta Sandstone to contribute to seismic activity, one of two hypothetical geologic scenarios must exist:⁶

- 1. Scenario #2: Earthquake hypocenters would need to be significantly shallower (several kilometers) than initially identified by the USGS and NMTSO seismic monitoring networks, and thus placing seismic activity high in the sedimentary column, rather than in the Precambrian basement.
- 2. Scenario #2: This scenario would require that both of the following conditions are met:
 - a. Fault Transmissivity: High permeability and transmissive conduits from fault-damaged zones would need to be present below the Glorieta, allowing fluid to migrate through the underlying Tubb Formation and through significantly deeper confining intervals, and eventually into the Precambrian basement.
 - b. Pore Pressure: The injection fluids and bottom hole pressures in the San Andres and Glorieta would need to exceed existing hydrostatic pressures within the deeper geologic formation in order for injection fluids to migrate downward.

There are no publications or geologic data that suggest either of these scenarios to be true for the area around the Crawford SWD#2.

Formation Parting Pressure

Class II SWDs in New Mexico are administratively permitted with a maximum pressure gradient of 0.2 psi/ft. Review of New Mexico Oil Conservation Division (OCD) Order IP-459 submitted by BC Operating, Inc. in support of the South Denton 6 State Well #2, which is located approximately 52 miles northeast of the Crawford SWD #2, determined the fracture gradient of the San Andres-Glorieta injection interval to be 0.45 psi/ft from approved step-rate testing. Typical SWD permitting standards in New Mexico, and the requested operating parameters of the Crawford SWD #2, would indicate that formation parting pressure would not be exceeded by the Crawford SWD #2.

⁶ Skoumal, Robert J., et al. "Induced Seismicity in the Delaware Basin, Texas." *Journal of Geophysical Research: Solid Earth*, vol. 125, no. 1, 2020, doi:10.1029/2019jb018558.

Conclusion

As an expert on the issue of induced seismicity, seismic monitoring, and mitigation, it is my opinion that the potential for the Crawford SWD #2 to cause injection-induced seismicity is expected to be minimal, at best. This conclusion assumes the Crawford SWD #2 will be operated below formation parting pressure and is based on:

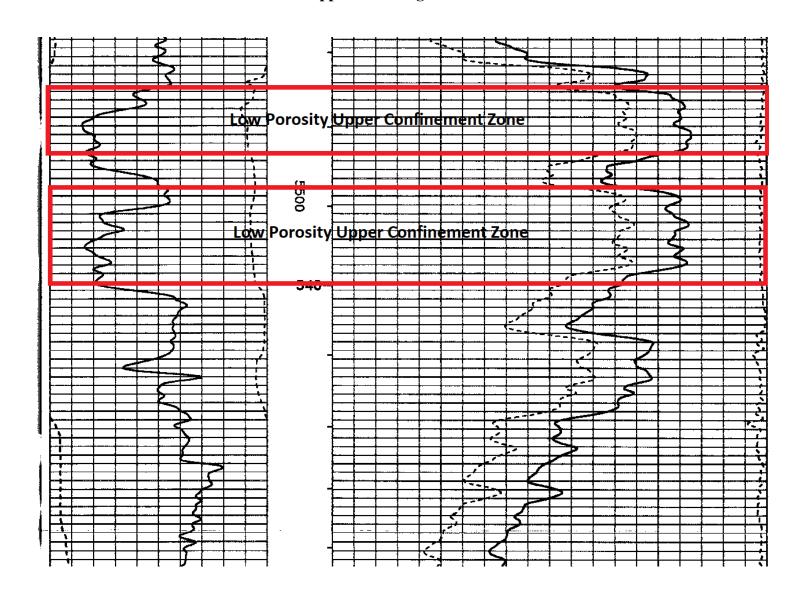
- 1. The presence of numerous confining layers above and below the injection interval;
- 2. Significant vertical distance between the injection zone and identified Precambrian basement rock in which faults have been identified; and
- 3. Vertical distance from, and lack of historic seismicity on, identified shallow faults in the area of review.

Sincerely, ALL Consulting

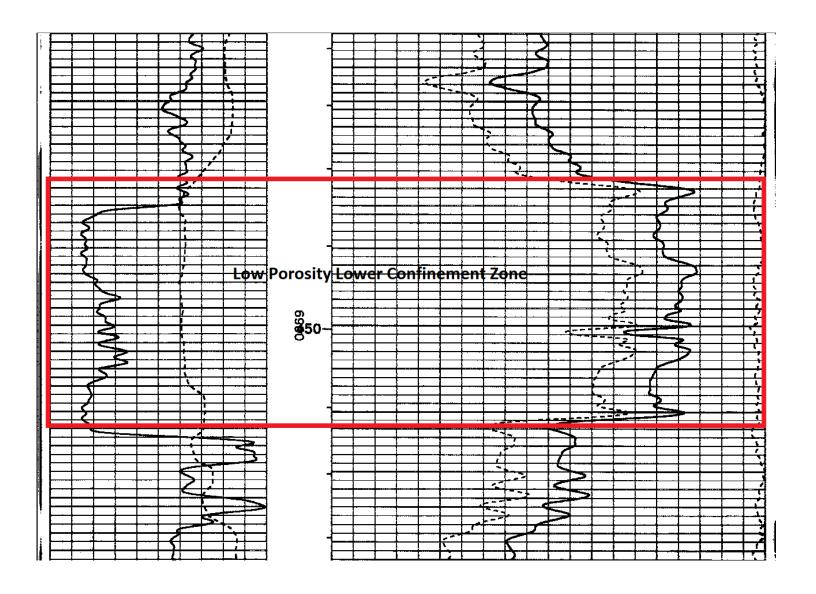
Reed Davis Geophysicist

> Attachment 1 Upper and Lower Confining Zones

San Andres Formation Upper Confining Zone from API No. 025-38571

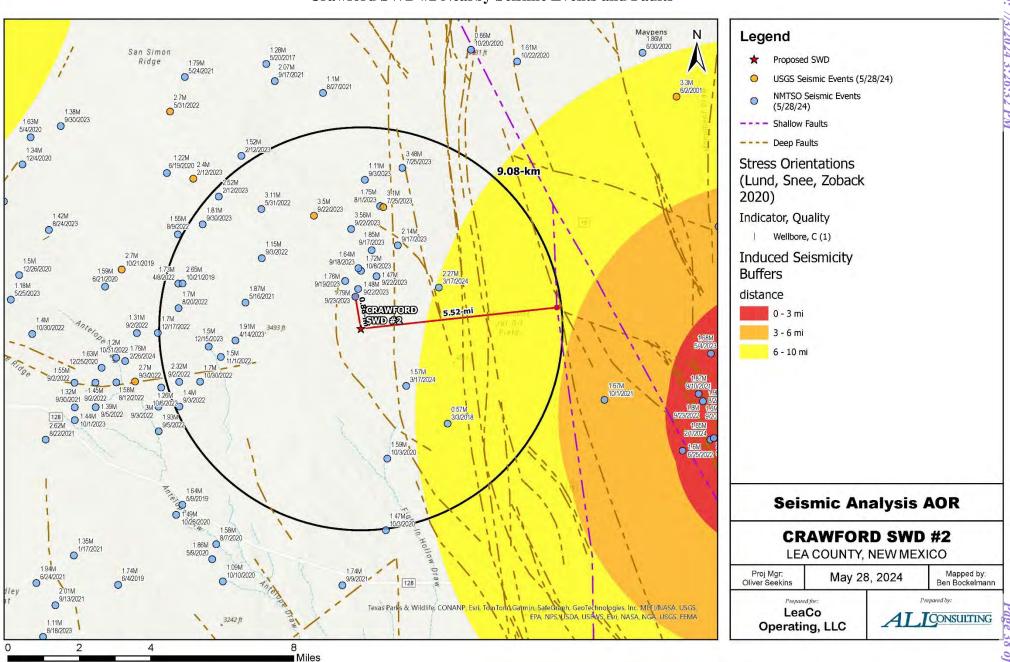


Yeso Group Lower Confining Zone from API No. 025-38571



> Attachment 2 Seismic Event Map

Crawford SWD #2 Nearby Seismic Events and Faults



Attachment 8

Public Notice Affidavit and Notice of Application Confirmations

APPLICATION FOR AUTHORIZATION TO INJECT

NOTICE IS HEREBY GIVEN: That **LeaCo Operating, LLC** of **2121 Sage Road Suite 325 Houston, TX 77056**, 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: Crawford SWD #2

Located 10.67 miles northwest of Jal, NM

SW ½ SW ½, UL M, Section 5, Township 24S, Range 36E

618' FSL & 855' FWL

Lea County, NM

NAME AND DEPTH OF DISPOSAL ZONE:	SWD; San Andres-Glorieta (5,550' – 6,750')
EXPECTED MAXIMUM INJECTION RATE:	20,000 bbls/day
EXPECTED MAXIMUM INJECTION PRESSURE:	: 1,110 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 Oliver Seekins at 918-382-7581.

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 June 02, 2024 and ending with the issue dated June 02, 2024.

Publisher

Sworn and subscribed to before me this 2nd day of June 2024.

Business Manager

My commission expires

January 29, 2027

Seal)

STATE OF NEW MEXICO NOTARY PUBLIC GUSSIE RUTH BLACK COMMISSION # 1087526 COMMISSION EXPIRES 01/29/2027

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 publication has been made.

LEGAL

LEGAL

LEGAL

LEGAL NOTICE June 2, 2024

APPLICATION FOR AUTHORIZATION TO INJECT

NOTICE IS HEREBY GIVEN: That LeaCo Operating, LLC of 2121 Sage Road Suite 325 Houston, TX 77056, 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:

Crawford SWD #2 Located 10.67 miles northwest of Jal, NM SW ¼ SW ¼, UL M, Section 5, Township 24S, Range 36E 618' FSL & 855' FWL Lea County, NM

NAME AND DEPTH OF DISPOSAL ZONE: SWD; San Andres-Glorieta (5,550' - 6,750')

EXPECTED MAXIMUM INJECTION RATE: 20,000 bbls/day

EXPECTED MAXIMUM INJECTION PRESSURE: 1,110 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 Oliver Seekins at 918-382-#00290986

67115320

00290986

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

	LeaCo Operating, LLC - Crawford SWD #2 - Notice of Application Recipients											
Affected Party Classification	Entity - Proof of Notice	Entity - As Mapped/Exhibited	Address	City	State	Zip Code						
Surface Owner/Mineral Owner	RRR Land & Cattle Company	N/A	P.O. Box 157	Jal	NM	88252						
NMOCD District Office	New Mexico Oil Conservation District 1	N/A	1625 N. French Dr	Hobbs	NM	88240						
Mineral Owner	New Mexico Bureau of Land Management	N/A	301 Dinosaur Trail	Sante Fe	NM	87508						
Lessee - BLM	Hyland Harlow Trust	Hyland Harlow Trust	427 N Reymond St	Las Cruces	NM	88005						
Lessee - BLM	Promontory Exploration	Promontory Exploration LP	508 W. Wall St., Suite 1220	Midland	TX	79701						
Lessee - Private	Ameredev II, LLC	American Resource Dev	2901 Via Fortuna, Suite 600	Austin	TX	78746						
Lessee - Private	Christensen Petroleum Inc	Chrstensen Petr	306 W Wall St.	Midland	TX	79701						
Lessee - Private	Featherstone Development Corp	Featherstone Dev	1801 W 2nd St.	Roswell	NM	88201						
Lessee - Private	Fifty-Six Properties, LP	Fifty Six Prop	1006 Shirley Lane	Midland	TX	79705						
Lessee - Private	Jetstream Oil and Gas Partners, LP	Jetstream	101 Nursery Lane, Suite 312	Ft. Worth	TX	76114						
Lessee - Private	Matador Resources Company	Matador E&P	5400 LBJ Freeway, Suite 1500	Dallas	TX	75240						
Lessee - Private	Matador Resources Company	MRC Permian	5400 LBJ Freeway, Suite 1500	Dallas	TX	75240						
Note: The affected parties above received not	ification of this C-108 application.											

ALL Consulting LLC 1718 S Cheyenne Ave Tulsa OK 74119

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ALL Consulting LLC 1718 S Cheyenne Ave Tulsa OK 74119

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Christensen Petroleum Inc. 306 W WALL ST STE 850 MIDLAND TX 79701-5120

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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

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 361091

CONDITIONS

Operator:	OGRID:
LeaCo Operating, LLC	331439
2121 Sage Road	Action Number:
Houston, TX 77056	361091
	Action Type:
	[C-108] Fluid Injection Well (C-108)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	None	7/21/2024