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

APPLICATION OF PILOT WATER SOLUTIONS SWD, LLC FOR SALT WATER DISPOSAL IN LEA COUNTY, NEW MEXICO

# **APPLICATION FOR SALT WATER DISPOSAL**

PILOT WATER SOLUTIONS SWD, LLC, (OGRID 331374) by and through its undersigned attorney, applies for an order approving a salt water disposal well, and in support thereof, states:

- 1. Applicant seeks an order for a salt water disposal well for its O'Brien SWD State No. 1, (Pool Code 96121) to be drilled at a location 384' FSL and 407' FWL, Unit M, Section 5, Township 19 South, Range 37 East, N.M.P.M., Lea County, New Mexico.
- 2. Applicant proposes to set a packer at 4,312' feet below the surface of the earth and then inject into the San Andres formation at depths between 4,312' through 5,555' open hole, as stated in the attached C-108.
  - 3. Attached hereto as Exhibit A is the C-108 for the subject well.
  - 4. The granting of this application will prevent waste and protect correlative rights.

**WHEREFORE**, Applicant requests that, after notice and hearing, the Division enter its order approving this application.

Respectfully submitted,

PADILLA LAW FIRM, P.A.

## /s/ Ernest L. Padilla

Ernest L. Padilla
Attorney for Pilot Water Solutions SWD, LLC
PO Box 2523
Santa Fe, New Mexico 87504
505-988-7577
padillalawnm@outlook.com



August 30, 2023

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

Subject: Pilot Water Solutions SWD LLC

Application for Authorization to Inject

O'Brien SWD State #1

Mr. Fuge,

Pilot Water Solutions SWD LLC (Pilot) is applying for administrative approval of the attached Application for Authorization to Inject (Form C-108) for their proposed O'Brien SWD State #1. The application is requesting authorization to dispose of saltwater from oil and gas production in the area via commercial disposal into the San Andres Formation in Lea County, NM.

Questions regarding this application or the included materials can be directed to Nate Alleman (Pilot Regulatory Advisor Contractor) via telephone at 918-237-0559 or via email at nate.alleman@aceadvisors.com.

Sincerely,

Nate Alleman

Chief Regulatory Advisor

Ace Energy Advisors

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				00/00/0000							
D	avid Grounds			08/30/2023 Date							
_	int or Type Name										
	in or type name			713-307-8752							
				Phone Number							
4	David Grou	ends		david.grounds@pi	ilotwater.com						
Sig	gnature			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 RecoveryPressure MaintenanceX_DisposalStorage Application qualifies for administrative approval?X_YesNo
II.	OPERATOR: Pilot Water Solutions SWD LLC
	ADDRESS: 20 Greenway Plaza, Suite 200, Houston, TX 77046
	CONTACT PARTY: David Grounds PHONE: 713-307-8752
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?YesXNo  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:
	<ol> <li>Proposed average and maximum daily rate and volume of fluids to be injected;</li> <li>Whether the system is open or closed;</li> <li>Proposed average and maximum injection pressure;</li> <li>Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,</li> <li>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.).</li> </ol>
*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: David Grounds TITLE: VP - Regulatory Compliance
	SIGNATURE: David Grounds  DATE: 08/30/2023
*	E-MAIL ADDRESS: david.grounds@pilotwater.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:

# 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.

Operator: Pilot Water Solutions SWD LLC

Lease/Well Name & Number: O'Brien SWD State #1

Legal Location: 384' FSL & 407' FWL- Unit M – Section 5 T19S R37E – Lea County, NM

(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.

Casing String	Hole Size (in)	Casing Size (in)	Casing Depth (ft)	Sacks Cement (sx)	Top of Cement (ft)	Method Determined
Surface	17-1/2	13-3/8	1,458	2,285.3	0	Circulation
Production	12-1/4	9-5/8	5,555	1,658.2	0	Circulation

A wellbore diagram is included in *Attachment 1*.

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

5-1/2" fiberglass-coated tubing set at 4,312'

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

Weatherford AS1X Stainless 9-5/8" X 5-1/2" set at 4,312'

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.

Injection Formation Name - San Andres Pool Name - SWD; San Andres Pool Code – 96121

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

Cased-hole injection between 4,312' - 5'555'

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

New drill for injection

(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.

None

- (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.
  - Overlying
    - o Yates (2,707')
    - o 7 Rivers (2,969')
    - Queen (3,495')
    - Grayburg (3,774')
  - Underlying No underlying oil and gas zones present.

**Note:** the proposed SWD is located on the Central Basin Platform. Therefore, the listed productive zones are limited to those productive zones occurring on the Central Basin Platform.

# V. AOR Maps

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.

The following maps are included in *Attachment 2*:

- ½ Mile AOR/Surface & Mineral Ownership Map
- ½ Mile Lease Map
- 2 Mile Oil & Gas Well Map

# **VI. AOR List**

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.

Details of the wells within the 0.5-mile AOR are included in **Attachment 2**. No wells within the 0.5-mile AOR penetrate the top of the proposed injection zone.

# VII. Operational Information

Attach data on the proposed operation, including:

(1) Proposed average and maximum daily rate and volume of fluids to be injected;

Maximum: 25,000 bpd Average: 15,000 bpd

(2) Whether the system is open or closed;

The system will be closed.

(3) Proposed average and maximum injection pressure;

Maximum: 862 psi (surface)

Average: approx. 500-600 psi (surface)

(4) Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water;

It is anticipated that produced water from Wolfcamp and Bone Spring production wells in the area will be injected into the proposed SWD. Therefore, water analysis from these formations was obtained and is included in *Attachment 3*.

(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.).

The proposed injection interval for this SWD is the San Andres formation, which is a non-productive zone known to be compatible with formation water from the Wolfcamp and Bone Spring formations. Water analyses of samples collected from the proposed injection formation in the area were obtained and are included in *Attachment 4*.

# VIII. Geologic Description

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.

The proposed injection interval is located in the San Andres formation between the depths of 4,312 and 5,555 feet. The San Andres formation consists of an interbedded carbonate sequence composed of limestone and dolomite. These cycles tend to be mappable within the San Andres and are differentiated by sections of either very high or very low porosity and permeability development. Upper and lower confinement will be provided by tight carbonate facies present within San Andres that occur above and below the porous injection interval. The upper confining interval occurs at the top of the San Andres formation, directly underlying the Grayburg formation, and ranges from 125' – 150' net thickness based on a review of nearby open-hole geophysical logs. The lower confining interval occurs at the bottom of the San Andres formation, directly overlying the Glorieta formation, and ranges from 150' - 200' net thickness based on a review of nearby open-hole geophysical logs.

The base of the lowermost Underground Source of Drinking Water (USDW), identified as the top of the first anhydrite, was determined to occur at the top of the Rustler formation at a depth of 1,433'. Water wells in the area are drilled to a depth of approximately 100' – 200'.

# IX. Proposed Stimulation Program

Describe the proposed stimulation program, if any.

A minor acid job utilizing 15-20% hydrochloric acid may be used to cleanup the wellbore.

# X. Logging and Test Data

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

Logs will be run and submitted to the Division once the well is completed.

# XI. Groundwater Wells

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.

Based on data obtained from the New Mexico Office of the State Engineer (OSE), a total of 20 groundwater wells are located within 1 mile of the proposed SWD location (11 Active, 2 Pending, 5 Plugged, and 2 Inactive). Water samples have been collected and analyzed from two (2) of the fresh, active water wells. Analytical results from the collected samples are included in **Attachment 5.** 

A map depicting the locations of nearby water wells and details of the water wells within 1-mile, including rationale as to whether they meet the sampling criteria, are included in *Attachment 5*.

# XII. No Hydrologic Connection Statement

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.

A geologic review conducted on offset wireline log data and published regional studies did not identify any faulting in the vicinity of the proposed locations that would allow for the hydraulic communication between the injection interval and overlying USDWs. The base of the lowermost USDW, identified as the top of the first anhydrite, was determined to occur at the top of the Rustler formation at a depth of 1,433'.

# XIII. Proof of Notice

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

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.

A copy of the application was mailed to the Affected Persons, including the OCD District Office, surface owner, leasehold operators within the AOR, and BLM/SLO if they own minerals within the AOR. **Attachment 6** includes a list of the Affected Persons receiving notice of the application and the associated certified mailing receipts (green sheets).

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:

A Public Notice was published in the Hobbs NewsSun, a newspaper of general circulation in the area, and the associated affidavit is included in *Attachment 6*.

**Attachment 1** 

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 <u>District IV</u>

 $1220~\mathrm{S}.~\mathrm{St.}$  Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

☐ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

1	API Number	r		<sup>2</sup> Pool Code 96121	me Andres	3						
<sup>4</sup> Property 0	Code		•		<sup>6</sup> Well Number							
					#1							
<sup>7</sup> OGRID	No.				<sup>8</sup> Operator 1	Name			<sup>9</sup> Elevation			
33137	4			Pilot '	3717.17'							
	<sup>10</sup> Surface Location											
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East	/West line	County		
М	5	19 S	37 E		384	SOUTH	407	WES	ST	LEA		
			11 Bo	ttom Hole	e Location If	Different Fron	n Surface					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East	/West line	County		
12 Dedicated Acres	s 13 Joint or	r Infill 14 Cor	solidation	Code 15 Ord	ler No.							

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

16 D	С	В	(2) A	17 OPERATOR CERTIFICATION  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working
F	F	G	<u> </u>	interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  Notice 18 18 18 18 18 18 18 18 18 18 18 18 18
	X: 865	IC DATA		Nate Alleman  Printed Name  nate.alleman@aceadvisors.com  E-mail Address
L	LAT.: N 32 LONG.: W -' 1-Y=618852.49 2-Y=618886.35 3-Y=613512.79	.68313065 103.2808351		In the same is true and correct to the best of my belief.  SURVEYOR CERTIFICATION  I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  O7/25/2023  Date of Survey  Date
407' M	N	0	P 3	Date of Survey MEX Date Signature and Scall of Tolesstonal Surveyor:  17320  Certificate Number  Certificate Number

# **Pilot Water Solutions SWD LLC**

O'Brien SWD State #1 Wellbore Diagram

# T. Rustler (base of lowermost USDW) 1,433' T. Grayburg 3,774' T. San Andres 4,312' Injection Interval: • San Andres Formation 4,312' – 5,555'

Total Depth: 5,565' PBTD: 5,555'

# **Surface Casing**

Casing Size (in): 13-3/8
Casing Weight (lb/ft): 68

Casing Grade:L-80 BTCCasing Depth (ft):1,458Hole Depth (ft):1,468Hole Size (in):17-½

**Top of Cement (ft):** 0 (circulation) **Sks Cement:** 2,285.3

# **Production Casing**

Casing Size (in): 9-5/8
Casing Weight (lb/ft): 53.5
Casing Grade: L-80 BTC
Casing Depth (ft): 5,555
Hole Depth (ft): 5,565
Hole Size (in): 12-1/4
Top of Cement (ft): 0 (circulation)

Sks Cement: 1,658.2

# Tubing

Tubing Size (in): 5-1/2
Tubing Weight (lb/ft): 14
Tubing Grade: J-55 BTC
Tubing Depth (ft): 4,312

Packer Type: Weatherford AS1X Stainless

Packer Depth (ft): 4,312

# **Injection Interval**

Formation: San Andres

**Top (ft):** 4,312 **Bottom (ft):** 5,555

Cased or Open-Hole: Cased

Note: Listed depths and cement volumes are approximates based on available information.

B. San Andres

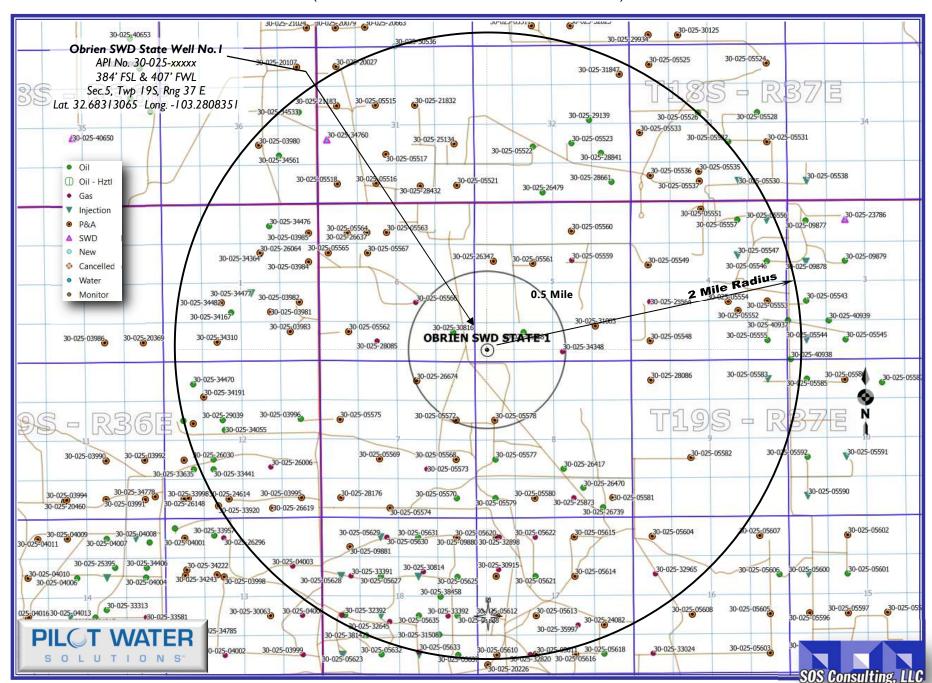
5,555'

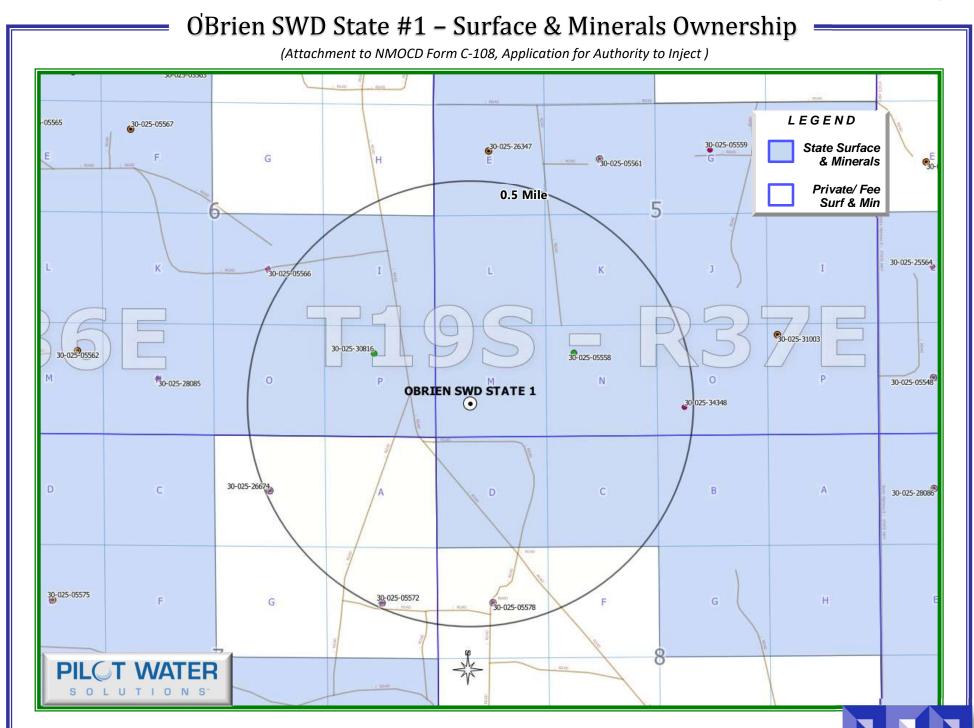
NOT TO SCALE

**Attachment 2** 

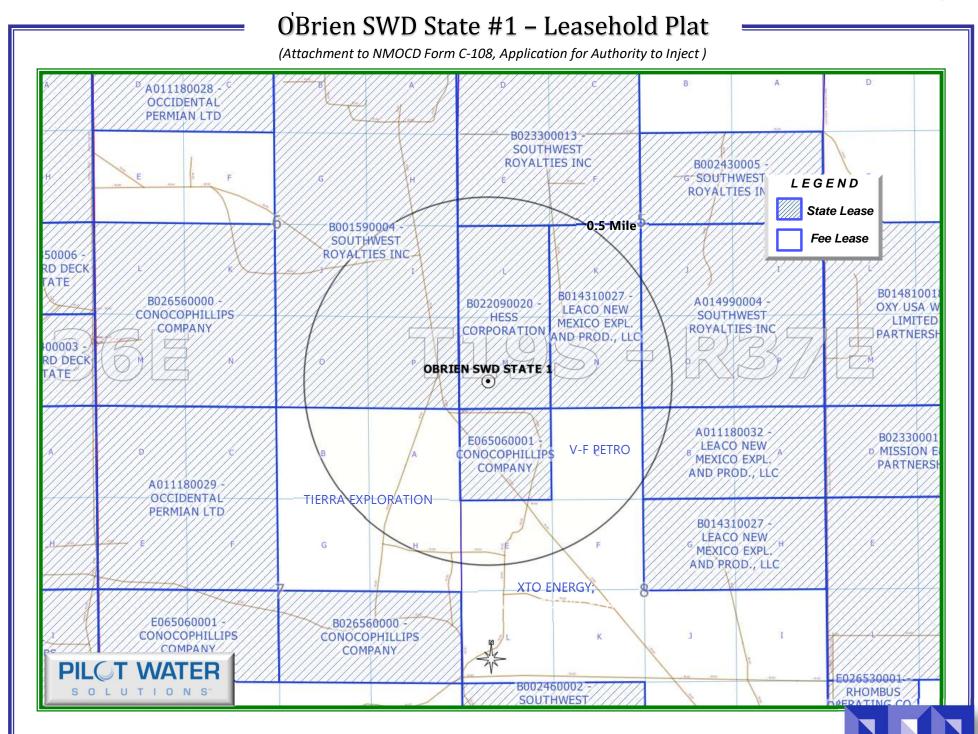
# OBrien SWD State Well No.1 - Area of Review - 2 Miles

(Attachment to NMOCD Form C-108 - Item V)





	1/2-mile AOR Tabulation for O'Brien SWD State #1 (Top of Injection Interval: 4,312')														
Well Name	API#	Well Type	Operator	Status	Spud Date	Location (Sec., Tn., Rng.)	Total Vertical Depth (feet)	Penetrate Inj. Zone?							
GULF-HOUSTON #001	30-025-26674	G	TIERRA EXPL INC	Plugged (site released)	2/13/1980	B-07-19S-37E	4,100	No							
NEW MEXICO C STATE NCT 6 #002	30-025-30816	0	Petroleum Exploration Company Ltd., Limited P	Active	5/12/1990	P-06-19S-37E	3,950	No							
PRE-ONGARD WELL #003	30-025-05572	G	PRE-ONGARD WELL OPERATOR	Plugged (site released)	1/16/1956	H-07-19S-37E	4,040	No							
ELBERT SHIPP NCT B COM #002	30-025-05578	G	XTO ENERGY, INC	Plugged (site released)	4/13/1951	E-08-19S-37E	4,030	No							
STATE MT #001	30-025-05558	0	APACHE CORPORATION	Active	11/5/1956	N-05-19S-37E	4,030	No							
J R HOLT B #003	30-025-34348	G	MORGAN OPERATING, INC.	Active	5/14/1998	O-05-19S-37E	3,925	No							
Notes: No wells within the 1/2-mile AOR penetrate the injection interval.															



**Attachment 3** 

Page 18 of 40

	Source Formation Water Analysis																						
													TDS	Sodium	Calcium	Iron	Magnesium	Manganese	Chloride	Bicarbonate	Sulfate		
Well Name	API	Latitude	Longitude	Section	Township	Range	Unit	Ftgns	Ftgew	County	State	Formation	Sample	d PH	(Mg/L)	(Mg/L)	(MG/L)	(MG/L)	(MG/L)	(MG/L)	(MG/L)	(MG/L)	(MG/L)
STATE NPA #001	3002503156	32.6879654	-103.5031815	6	19S	35E	L	1980S	660W	LEA	NM	BONE SPRING	1960	7.7	25800.0						14100.0	830.0	1120.0
SHOOTING STAR STATE SWD #001	3002529805	32.7594261	-103.4270935	11	18S	35E	J	1650S	2310E	LEA	NM	BONE SPRING	2001	6.2			15600.0	2.5	981.9		148248.0	244.0	650.0
SINCLAIR STATE #002	3002503123	32.7386246	-103.4561005	21	18S	35E	Α	660N	660E	LEA	NM	WOLFCAMP	1960	7.1	60950.0						33568.0	1087.0	3049.0
IRONHOUSE 19 STATE COM #001H	3002540676	32.7266121	-103.499527	19	18S	35E	N	200S	1800W	Lea	NM	BONE SPRING 2ND SAND	2014	6.4	182863.9	58171.0	4944.4	49.0	1892.6	1.4	113954.0	195.2	2 0.0
IRONHOUSE 19 STATE COM #004H	3002541245	32.7264938	-103.5014343	19	18S	35E	М	150S	1215W	Lea	NM	BONE SPRING 2ND SAND	2014	6.2	189029.2	64016.2	5319.3	38.8	2044.4	1.5	113566.0	158.6	0.0
IRONHOUSE 19 STATE COM #002H	3002541094	32.7271118	-103.4903336	19	18S	35E	Р	410S	630E	Lea	NM	BONE SPRING 2ND SAND	2014	6.0	205332.0	72646.0	4828.0	39.0	2316.0	2.0	130450.0	488.0	1503.0
IRONHOUSE 20 STATE COM #001	3002540611	32.7265129	-103.4774857	20	18S	35E	0	200S	1980E	Lea	NM	BONE SPRING 2ND SAND	2014	6.1	186865.0	65638.0	4698.0	16.0	1700.0	1.0	116510.0	1098.0	1804.0
IRONHOUSE 20 STATE #002H	3002540748	32.7265129	-103.4731903	20	18S	35E	Р	200S	660E	Lea	NM	BONE SPRING 2ND SAND	2014	6.6	196865.0	66738.0	4631.0	23.0	1790.0	1.0	116580.0	1298.0	1894.0
IRONHOUSE 19 STATE COM #003H	3002541050	32.7264977	-103.4941711	19	18S	35E	0	175S	1810E	Lea	NM	BONE SPRING 2ND SAND	2014	6.2	178457.0	56874.0	6125.0	22.0	1457.0	1.0	125412.0	845.0	849.0
HAMON STATE #001	3002503140	32.7175827	-103.4464035	27	18S	35E	K	2310S	2310W	LEA	NM	BONE SPRING			154510.0						96360.0	430.0	1210.0
LEA 403 STATE #001	3002503126	32.7386093	-103.4518051	22	18S	35E	D	660N	660W	LEA	NM	BONE SPRING	1958	6.7	255451.0						156699.0	327.0	779.0

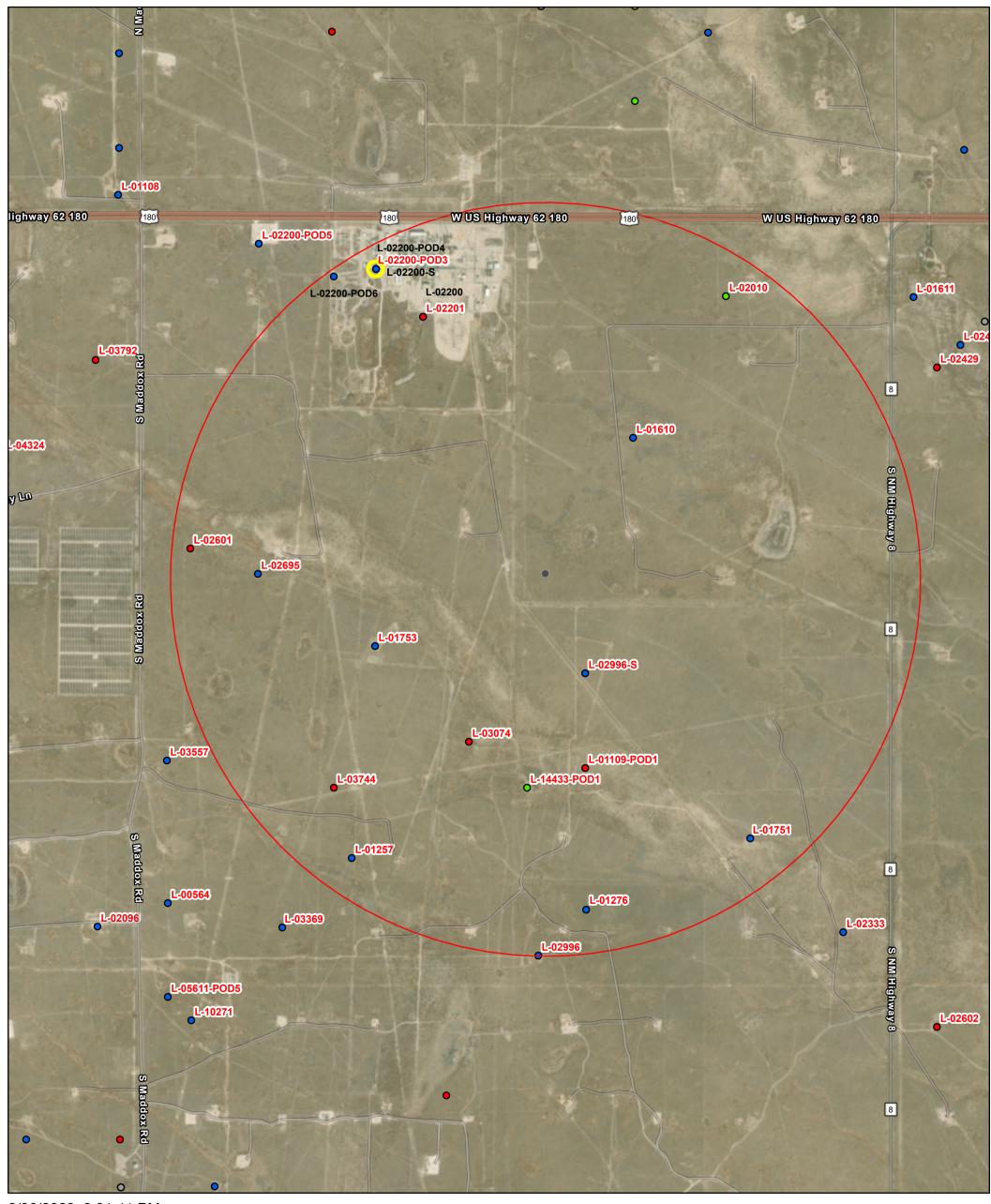
**Attachment 4** 

	Injection Formation Water Analysis																	
															TDS	Chloride	Bicarbonate	Sulfate
Well Name	API	Latitude	Longitude	Section	Township	Range	Unit	Ftgns	Ftgew	County	State	Formation	Sampled	PH	(Mg/L)	(MG/L)	(MG/L)	(MG/L)
B V CULP NCT A #008	3002505640	32.6467896	-103.2919235	19	198	37E	F	2310N	2239W	LEA	NM	SAN ANDRES			10905	2350	1100	3700
B V CULP NCT A #008	3002505640	32.6467896	-103.2919235	19	19S	37E	F	2310N	2239W	LEA	NM	SAN ANDRES			26735	14500	1370	1020
B V CULP NCT A #008	3002505640	32.6467896	-103.2919235	19	198	37E	F	2310N	2239W	LEA	NM	SAN ANDRES			40250	20800	1390	3100
B V CULP NCT A #008	3002505640	32.6467896	-103.2919235	19	19S	37E	F	2310N	2239W	LEA	NM	SAN ANDRES			71110	39800	810	
B V CULP NCT A #008	3002505640	32.6467896	-103.2919235	19	19S	37E	F	2310N	2239W	LEA	NM	SAN ANDRES			156218		176	
NORTH MONUMENT G/SA UNIT #001	3002505647	32.6512489	-103.2843475	19	19S	37E	Α	660N	660E	Lea	NM	SAN ANDRES	1964	6.0		10200	592	
GOODWIN #002	3002520651	32.7204323	-103.2928467	30	18S	37E	F	1980N	1980W	LEA	NM	SAN ANDRES			80467	45060	1492	3315
GOODWIN #002	3002520651	32.7204323	-103.2928467	30	18S	37E	F	1980N	1980W	LEA	NM	SAN ANDRES			69848	39130	1225	3114
NORTH HOBBS UNIT #001	3002505449	32.7530632	-103.21138	13	18S	37E	D	660N	660W	LEA	NM	SAN ANDRES	1960	8.0	12100	4500	504	2300
NORTH HOBBS UNIT #001	3002505449	32.7530632	-103.21138	13	18S	37E	D	660N	660W	LEA	NM	SAN ANDRES			12100	4541	509	
BOBBI STATE WF UNIT #006	3002503978	32.7231979	-103.373436	29	18S	36E	В	990N	1650E	LEA	NM	SAN ANDRES			20882	11190	645	
STATE NG #001	3002522795	32.7349815	-103.3057404	24	18S	36E	G	1980N	1980E	LEA	NM	SAN ANDRES	1968	6.5	265665	157000	98	5400
STATE NG #001	3002522795	32.7349815	-103.3057404	24	18S	36E	G	1980N	1980E	LEA	NM	SAN ANDRES	1968	6.3	203913	122000	110	3000
GRAHAM STATE NCT F #003	3002512476	32.6149902	-103.3056641	36	19S	36E	J	1980S	1980E	LEA	NM	SAN ANDRES	1900	6.5		16406	611	
NORTHWEST EUMONT UNIT #156	3002504099	32.617733	-103.3518143	33	19S	36E	Н	2310N	330E	Lea	NM	SAN ANDRES	1960	7.0		38119	405	4317
GRAHAM STATE NCT F #003	3002512476	32.6149902	-103.3056641	36	19S	36E	J	1980S	1980E	Lea	NM	SAN ANDRES	1964	6.5		16406	611	
GRAHAM STATE NCT F #003	3002512476	32.6149902	-103.3056641	36	19S	36E	J	1980S	1980E	LEA	NM	SAN ANDRES			26344			
E M E SWD #008	3002506017	32.5895042	-103.2725601	8	20\$	37E	G	1980N	2310E	LEA	NM	SAN ANDRES	1964	8.5	65365	36905	560	1460
THEODORE ANDERSON #002	3002506139	32.5785942	-103.2758102	17	20\$	37E	С	660N	1980W	Lea	NM	SAN ANDRES	1964	6.7		67245	564	489
E M E SWD #008	3002506017	32.5895042	-103.2725601	8	20S	37E	G	1980N	2310E	LEA	NM	SAN ANDRES			65361	36900	560	1460
EUNICE MONUMENT UNIT #031	3002506169	32.5531693	-103.2843781	19	20S	37E	Р	660S	660E	LEA	NM	SAN ANDRES			91120	59850	0	722

**Attachment 5** 

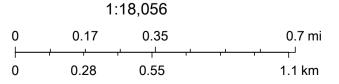
	Water Well Sampling Table												
Water Well ID	Status	Owner	Available Contact Information	Use	Notes								
L 02200 POD4	Active	DCP MIDSTREAM L.P.	Dcp Midstream L.p. 10 Desta Dr Suite 400 W Midland, TX 79705	Industrial	Industrial use - not fresh water supply well								
L 02200 POD6	Active	DCP MIDSTREAM L.P.	Dcp Midstream L.p. 10 Desta Dr Suite 400 W Midland, TX 79705	Industrial	Industrial use - not fresh water supply well								
L 01109 POD1	Plugged	GULF OIL CORPORTATION	Gulf Oil Corporation Box 1290 Fort Worth, TX	Prospecting	Plugged - O&G Prospecting - not fresh water supply well								
L 01257	Active	GULF OIL CORPORATION	Gulf Oil Corporation Box 1290 Fort Worth, TX	Prospecting	O&G Prospecting - not fresh water supply well								
L 01276	Active	GULF OIL CORPORATION	Gulf Oil Corporation Box 1290 Fort Worth, TX	Prospecting	O&G Prospecting - not fresh water supply well								
L 02601	Plugged	CONTINENTAL OIL COMPANY	Continental Oil Company Box Cc Hobbs, NM	Prospecting	Plugged - O&G Prospecting - not fresh water supply well								
L 02695	Active	THE TEXAS COMPANY	The Texas Company Box Ff Hobbs, NM	Prospecting	O&G Prospecting - not fresh water supply well								
L 03074	Plugged	OSCAR BOURG DRILLING COMPANY	Oscar Bourg Drilling Company C/o O R Musslewhite Box 56 Hobbs, NM	Prospecting	Plugged - O&G Prospecting - not fresh water supply well								
L 03744	Plugged	HOWARD P HOLMES DRILLING CONT.	Howard P Holmes Drilling Cont. Box 667 Hobbs, NM	Prospecting	Plugged - O&G Prospecting - not fresh water supply well								
L 02010	Pending	LINAM	Virgil Linam Hobbs, NM	Irrigation	Unable to contact water well owner after multiple attempts.								
L 01751	Active	HUSTON JR.	Robert H. Huston, Jr. Box 1082 Hobbs, NM	Irrigation	OSE Records indicate water right is cancelled (see attached)								
L 01753	Active	HUSTON JR.	Robert H. Huston, Jr. Box 1082 Hobbs, NM	Irrigation	OSE Records indicate water right is cancelled (see attached)								
L 01610	Active	CARLIN	Bruce Alene Carlin Po Box 61 Hobbs, NM 88241	Irrigation	Unable to contact water well owner after multiple attempts.								
L 02996 S	Active	VERSADO GAS PROCESSORS LLC	Versado Gas Processors, Llc Po Box 1909 Euncie, NM 88235	Industrial	Industrial use - not fresh water supply well								
L 02200	Inactive	DCP MIDSTREAM L.P.	DCP Midstream L.P. 10 Desta Dr Suite 400 W, Midland, TX 79705	Industrial	Inactive - Industrial use - not fresh water supply well								
L 02201	Plugged	DCP MIDSTREAM L.P.	DCP Midstream L.P. 10 Desta Dr Suite 400 W, Midland, TX 79705	Industrial	Plugged - Industrial use - not fresh water supply well								
L 02200 S	Inactive	DCP MIDSTREAM L.P.	DCP Midstream L.P. 10 Desta Dr Suite 400 W, Midland, TX 79705	Industrial	Inactive - Industrial use - not fresh water supply well								
L 02200 POD3	Active	DCP MIDSTREAM L.P.	DCP Midstream L.P. 10 Desta Dr Suite 400 W, Midland, TX 79705	Industrial	Industrial use - not fresh water supply well								
L 14433 POD1	Pending	HUSTON RANCH NO 1 LLC	Huston Ranch No 1 Llc Po Drawer 1599 Lovington, NM 88260	Livestock watering	Sample collected 7/12/2023								
L 02996	Active	VERSADO GAS PROCESSORS LLC	Versado Gas Processors, Llc Po Box 1909 Euncie, NM 88235	Industrial	Sample collected 7/12/2023								
Notes:		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·										

# **OSE POD Location Map**



8/30/2023, 3:31:41 PM GIS WATERS PODs

- Active
- Pending
- Capped
- Plugged
- Incomplete



Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, CONANP, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, Maxar



# New Mexico Office of the State Engineer

# **Water Right Summary**

get image list

WR File Number: L 01751 Subbasin: L Cross Reference:-

Primary Purpose: IRR IRRIGATION
Primary Status: CAN CANCELLED

Total Acres: 0 Subfile: - Header: -

Total Diversion: 0 Cause/Case: -

Owner: ROBERT H. HUSTON, JR.

**Documents on File** 

Status From/

Trn # Doc File/Act 1 2 Transaction Desc. To Acres Diversion Consumptive

get 508913 APPRO 1953-03-24 CAN FIN L 01751 T 0 0

**Current Points of Diversion** 

Q Q Q (NAD83 UTM in meters)

POD Number Well Tag Source 6416 4 Sec Tws Rng X Y Other Location Desc

L 01751 Shallow 1 4 08 19S 37E 662076 3616350\*

\*An (\*) after northing value indicates UTM location was derived from PLSS - see Help

**Priority Summary** 

PriorityStatusAcres Diversion Pod NumberSource01/07/1953CAN00 L 01751Shallow

Place of Use

Q Q Q Q
256 64 16 4 SecTws Rng Acres Diversion CU Use Priority Status Other Location Desc

 1
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 08
 19S 37E
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 IRR 01/07/1953
 CAN

 4
 4
 08
 19S 37E
 0
 IRR 01/07/1953
 CAN

Source

Acres Diversion CU Use Priority Source Description

0 0 IRR 01/07/1953 GW



# New Mexico Office of the State Engineer

# **Water Right Summary**



WR File Number: L 01753 Subbasin: L Cross Reference:-

Primary Purpose: IRR IRRIGATION
Primary Status: CAN CANCELLED

Total Acres: 0 Subfile: - Header: -

Total Diversion: 0 Cause/Case: -

Owner: HARRY HUSTON

Owner: ROBERT H. HUSTON, JR.

**Documents on File** 

				Stat	us		From/		
Trn	ነ #	Doc	File/Act	1	2	Transaction Desc.	То	Acres	<b>Diversion Consumptive</b>
images 509	9177	COWNF	1958-09-11	CHG	PRC	L 01753	Т	0	0
get images 509							Т	0	0

**Current Points of Diversion** 

Q Q Q (NAD83 UTM in meters)

 POD Number
 Well Tag
 Source
 6416 4 Sec Tws Rng
 X
 Y
 Other Location Desc

 L 01753
 Shallow
 1 2 07 19S 37E
 660455 3617144\*
 S1/2

\*An (\*) after northing value indicates UTM location was derived from PLSS - see Help

**Priority Summary** 

PriorityStatusAcres DiversionPod NumberSource01/07/1953CAN00L 01753Shallow

Place of Use

QQQQ 256 64 16 4 Sec Tws Rng **Acres Diversion Status Other Location Desc CU** Use Priority 1 2 07 19S 37E IRR 01/07/1953 CAN 2 3 08 19S 37E 0 IRR 01/07/1952 CAN 3 1 08 19S 37E 0 IRR 01/07/1953 CAN 0 4 2 07 19S 37E IRR 01/07/1953 CAN

Source

Acres Diversion CU Use Priority Source Description 0 0 IRR 01/07/1953 GW

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



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

July 25, 2023

Brian Wood Permits West 37 Verano Loop Santa Fe, NM 87508

TEL: (505) 466-8120 FAX: (505) 466-9682

RE: Pi OrderNo.: 2307569

Sample ID "Tank 1" is from Water Well L-02996

and Sample ID "WM Pond" is from Water Well L-14433-POD1

Dear Brian Wood:

Hall Environmental Analysis Laboratory received 2 sample(s) on 7/13/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com **Case Narrative** 

WO#: **2307569**Date: **7/25/2023** 

**CLIENT:** Permits West

Project: Pi

Analytical Notes Regarding EPA Method 1664: A matrix spike was not performed with this batch of samples.

# **Analytical Report**

Lab Order 2307569

Date Reported: 7/25/2023

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Permits West

Client Sample ID: Tank 1

 Project:
 Pi
 Collection Date: 7/12/2023 1:30:00 PM

 Lab ID:
 2307569-001
 Matrix: AQUEOUS
 Received Date: 7/13/2023 10:18:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 1664B					Analys	t: SMS
N-Hexane Extractable Material	ND	9.58	mg/L	1	7/19/2023 7:21:00 PM	76250
EPA METHOD 300.0: ANIONS					Analys	t: <b>JMT</b>
Chloride	85	2.5	mg/L	5	7/13/2023 5:30:18 PM	R98202
SM2540C MOD: TOTAL DISSOLVED SOLIDS					Analys	t: <b>JAG</b>
Total Dissolved Solids	448	50.0	mg/L	1	7/19/2023 2:20:00 PM	76283

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 6

# **Analytical Report**

Lab Order 2307569

Date Reported: 7/25/2023

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Permits West Client Sample ID: WM Pond

 Project:
 Pi
 Collection Date: 7/12/2023 12:45:00 PM

 Lab ID:
 2307569-002
 Matrix: AQUEOUS
 Received Date: 7/13/2023 10:18:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 1664B						Analys	: SMS
N-Hexane Extractable Material	ND	10.9		mg/L	1	7/19/2023 7:21:00 PM	76250
EPA METHOD 300.0: ANIONS						Analys	t: JMT
Chloride	160	5.0		mg/L	10	7/13/2023 5:55:00 PM	R98202
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analys	t: <b>JAG</b>
Total Dissolved Solids	910	100	*D	mg/L	1	7/19/2023 2:20:00 PM	76283

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 3 of 6

# **QC SUMMARY REPORT**

# Hall Environmental Analysis Laboratory, Inc.

2307569 25-Jul-23

WO#:

**Client:** Permits West

**Project:** Pi

Sample ID: MB-76250 SampType: MBLK TestCode: EPA Method 1664B

Client ID: PBW Batch ID: 76250 RunNo: 98341

Prep Date: 7/17/2023 Analysis Date: 7/19/2023 SegNo: 3579205 Units: mg/L

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

N-Hexane Extractable Material ND 10.0

Sample ID: LCS-76250 SampType: LCS TestCode: EPA Method 1664B

Client ID: LCSW Batch ID: 76250 RunNo: 98341

Prep Date: 7/17/2023 Analysis Date: 7/19/2023 SegNo: 3579206 Units: mg/L

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

N-Hexane Extractable Material 34.6 10.0 40.00 0 86.5 78 114

Sample ID: LCSD-76250 SampType: LCSD TestCode: EPA Method 1664B

Client ID: LCSS02 Batch ID: 76250 RunNo: 98341

Prep Date: 7/17/2023 Analysis Date: 7/19/2023 SeqNo: 3579207 Units: mq/L

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

N-Hexane Extractable Material 36.4 10.0 40.00 0 91.0 78 114 5.07 20

#### Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 4 of 6

# **QC SUMMARY REPORT**

# Hall Environmental Analysis Laboratory, Inc.

WO#: **2307569** 

25-Jul-23

**Client:** Permits West

**Project:** Pi

Sample ID: MB SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBW Batch ID: R98202 RunNo: 98202

Prep Date: Analysis Date: 7/13/2023 SeqNo: 3573573 Units: mg/L

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 0.50

Sample ID: LCS SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSW Batch ID: R98202 RunNo: 98202

Prep Date: Analysis Date: 7/13/2023 SeqNo: 3573574 Units: mg/L

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 4.6 0.50 5.000 0 92.9 90 110

#### Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 5 of 6

# **QC SUMMARY REPORT**

# Hall Environmental Analysis Laboratory, Inc.

WO#: **2307569 25-Jul-23** 

**Client:** Permits West

**Project:** Pi

Sample ID: MB-76283 SampType: MBLK TestCode: SM2540C MOD: Total Dissolved Solids

Client ID: PBW Batch ID: 76283 RunNo: 98335

Prep Date: 7/18/2023 Analysis Date: 7/19/2023 SeqNo: 3578905 Units: mg/L

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Total Dissolved Solids ND 50.0

Sample ID: LCS-76283 SampType: LCS TestCode: SM2540C MOD: Total Dissolved Solids

Client ID: LCSW Batch ID: 76283 RunNo: 98335

Prep Date: 7/18/2023 Analysis Date: 7/19/2023 SegNo: 3578906 Units: mg/L

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Total Dissolved Solids 1020 50.0 1000 0 102 80 120

#### Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 6 of 6



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

# Sample Log-In Check List

Released to Imaging: 11/27/2023 2:31:16 PM

	Website. II II II. iii.	menvn ommema	1.com		
Client Name: Permits West	Work Order Number	2307569		RcptNo:	1
Received By: Steve McQuiston	7/13/2023 10:18:00 A	И	for hear		
Completed By: Cheyenne Cason	7/13/2023 10:59:52 Al	И	Kan Hate		
Reviewed By: 7~7/13/23					
Chain of Custody					
1. Is Chain of Custody complete?		Yes 🗹	No 📙	Not Present	
2. How was the sample delivered?		Client			
Log In 3. Was an attempt made to cool the sample:	s?	Yes 🗸	No 🗌	na 🗌	
4. Were all samples received at a temperatu	re of >0° C to 6.0°C	Yes 🗌	No 🗹	NA 🗆	
5. Sample(s) in proper container(s)?		Not regu Yes ✓	uired No		
6. Sufficient sample volume for indicated tes	t(s)?	Yes 🗹	No 🗌		
7. Are samples (except VOA and ONG) prop	erly preserved?	Yes 🗸	No 🗌		
8. Was preservative added to bottles?		Yes 🗌	No 🗹	NA $\square$	
9. Received at least 1 vial with headspace <	I/4" for AQ VOA?	Yes 🗌	No 🗆	NA 🗹	
10. Were any sample containers received bro	ken?	Yes	No 🔽	# of preserved bottles checked	ji.
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🗹	No 🗆	for pH:	>12 unless noted)
12. Are matrices correctly identified on Chain	of Custody?	Yes 🗹	No 🗌	Adjusted?	
13. Is it clear what analyses were requested?		Yes 🗹	No 🗌		1.
14. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗹	No 🗌	Checked by:	JA 7-13-2
Special Handling (if applicable)				•	
15. Was client notified of all discrepancies wi	th this order?	Yes 🗌	No 🗌	NA 🗹	_
Person Notified:	Date:	- VARIABLE STATE OF THE STATE O	Constitution of the second		
By Whom: Regarding:	Via: [	eMail	Phone  Fax	In Person	
Client Instructions:	The state of the s	***		and a such adapted a color funda active de militare service.	*!
16. Additional remarks:					
17. Cooler Information					
Cooler No Temp °C Condition  1 14.3 Good I	Seal Intact Seal No Solution Not Present Morty	Seal Date	Signed By		
Page 1 of 1					

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HALL ENVIRONMENTAL  ANALYSIS LABORATORY  Www.hallenvironmental.com  Www.hallenvironmental.com  Www.hallenvironmental.com  Www.hallenvironmental.com  ANALYSIS LABORATORY  Www.hallenvironmental.com  Www.hallenvironmental.com  ANALYSIS LABORATORY  Www.hallenvironmental.com  ANALYSIS LABORATORY  Feb. 100-1, 500-345-4107  Analysis Request  Cotal Coliform (Present/Absent)  Fotal Coliform (Present/Absent)	Remarks: Temp Argamul cm. 7/13/23  Temp Argamul cm. 7/13/23
Chain-of ient:  Standard  Standard	262 262 27 262 263 264 37/13/73 10 (8) Date Time This serves as notice of this

**Attachment 6** 

# **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 August 22, 2023 and ending with the issue dated August 22, 2023.

Publisher

Sworn and subscribed to before me this 22nd day of August 2023.

Business Manager

My commission expires January 29, 2027

(Seal)

NOTARY PUBLIC GUSSIE RUTH BLACK COMMISSION # 1087526

lack

This ACOMOSTICATION TO THE SHAPE OF THE STATE OF THE STAT

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 NOTICE August 22, 2023

Pilot Water Solutions SWD LLC, 20 Greenway Plaza, Suite 200, Houston, TX 77046, is filing Form C-108 (Application for Authorization to Inject) with the New Mexico Oll Conservation Division seeking administrative approval for commercial saltwater injection into its O'Brien SWD State #1. This will be a new well located 384' FSL & 407' FWL in Section 5 Township 19S Range 37E in Lea County, New Mexico. The purpose of the well is to inject produced water from permitted oil and gas wells in the area for commercial disposal into the San Andres formation at depths of 4,312' – 5,555' at a maximum surface injection pressure of 862 psi and a maximum injection rate of 25,000 barrels of water per day.

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 the operator contact, David Grounds, at 713-307-8752.

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NATE ALLEMAN ACE ENERGY ADVISORS 501 E. FRANK PHILLIPS BLVD. SUITE 201 BARTLESVILLE, OK 74006

### **Statement of Affected Person Notification**

A copy of the C-108 application has been provided to the following Affected Persons as notification of the subject Application for Authorization to Inject (C-108).

Entity Name	Entity Address	Mailing Date			
Surface Owner					
STATE LAND OFFICE	P.O. Box 1148, Santa Fe, NM 87504				
Mineral Owners (BLM/SLO or Unleased Tracts)					
STATE LAND OFFICE	P.O. Box 1148, Santa Fe, NM 87504				
OCD District					
OCD - DISTRICT 1	1625 N. French Drive, Hobbs, NM 88240				
Applicable Affected Persons					
SOUTHWEST ROYALTIES INC	6 Desta Drive, Suite 2100 Midland, TX 79705				
PETROLEUM EXPLORATION COMPANY LTD	200 W 1st ST., Suite 434 Roswell, NM 88203				
XTO ENERGY	500 W, Illinois, Suite 100 Midland, TX 79701				
LEACO NEW MEXICO EXPL AND PROD, LLC	2121 Sage Road Suite 325 Houston, TX 77056				
TIERRA EXPLORATION	P.O. Box 56 Midland, TX 797020056				
V-F PETRO	P.O. Box 1889 Midland, TX 79702				
HESS CORPORATION	P.O. Box 840 Seminole, TX 79360				
MORGAN OPERATING, INC.	P.O, Box 118 Hobbs, NM 88241				
APACHE CORPORATION	303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705				
CONOCOPHILLIPS COMPANY	10 Desta Drive Midland, TX 79705				

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State Land Office Po Box 1148 Santa Fe NM 87504-1148

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Southwest Royalties Inc 6 Desta Dr Ste 2100 Midland TX 79705-5556

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OCD- District 1 1625 N French Dr Hobbs NM 88240-9273

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Petroleum Exploration Company LTD 200 W 1st St Ste 434 Roswell NM 88203-4675

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Leaco New Mexico Expl And Prod, LLC 2121 Sage Rd Ste 325 Houston TX 77056-4326

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XTO Energy 500 W Illinois Ave Ste 100 Midland TX 79701-4337

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