

# AE Order Number Banner

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**Application Number: pEG2513350951**

**SWD-2655**

**RUBICON OIL & GAS, LLC [194266]**

Revised March 23, 2017

RECEIVED:	REVIEWER:	TYPE:	APP NO:
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

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



**ADMINISTRATIVE APPLICATION CHECKLIST**

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

**Applicant:** Rubicon Oil and Gas, LLC **OGRID Number:** 194266  
**Well Name:** Lakewood 21 SWD #1 **API:** 30-015-35687  
**Pool:** SWD; Canyon **Pool Code:** 96184

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

- 1) **TYPE OF APPLICATION:** Check those which apply for [A]
- A. Location – Spacing Unit – Simultaneous Dedication  
 NSL       NSP (PROJECT AREA)       NSP (PRORATION UNIT)       SD
- B. Check one only for [ I ] or [ II ]
- [ I ] Commingling – Storage – Measurement  
 DHC    CTB    PLC    PC    OLS    OLM
- [ II ] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery  
 WFX    PMX    SWD    IPI    EOR    PPR

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

<b>FOR OCD ONLY</b>	
<input type="checkbox"/>	Notice Complete
<input type="checkbox"/>	Application Content Complete

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

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

Ben Stone  
 Print or Type Name

Signature

5/08/2025  
 Date

936-367-5950  
 Phone Number

ben@sosconsulting.us  
 e-mail Address



May 6, 2025

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

Attn: Mr. Gerry Razatos, Acting Director

*Re: Application of Rubicon Oil and Gas, LLC to permit for salt water disposal its Lakewood 21 SWD #1, (API 30-015-35687) located in Section 21, Township 19 South, Range 26 East, NMPM, Eddy County, New Mexico.*

Dear Mr. Razatos,

Please find enclosed form C-108 Application for Authority to Inject, supporting the above-referenced request to permit for disposal the subject well. The well is currently an uneconomic gas producer and will be temporarily abandoned soon. Rubicon has determined that by converting this well to SWD, its operations in the area will be better supported by utilizing the wellbore for disposal for private use.

Rubicon Oil and Gas, LLC seeks to optimize efficiency, both economically and operationally, of all its operations in southeast New Mexico. Approval of this application is consistent with that goal as well as the NMOCD's mission of preventing waste and protection of correlative rights.

Published legal notice ran in the April 24, 2025, edition of the Artesia Daily Press and offset operators and other affected parties have been notified individually. The well is located on fee land and minerals.

I respectfully request that the approval of this salt water disposal well proceed swiftly and if you or your staff requires additional information or has any questions, please do not hesitate to call or email me.

Best regards,

A handwritten signature in black ink, appearing to read 'Ben Stone', is written over a light blue horizontal line.

Ben Stone, Partner  
SOS Consulting, LLC  
Agent for Rubicon Oil and Gas, LLC

Cc: Application attachment and file

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: **Salt Water Disposal** and the application **QUALIFIES** for administrative approval.
- II. OPERATOR: **Rubicon Oil and Gas, LLC (194266)**  
ADDRESS: **400 W. Wall Street, Ste.300, Midland, Texas, 79701**  
  
CONTACT PARTY: **Agent: SOS Consulting, LLC – Ben Stone (936) 967-5950**
- III. WELL DATA: **All Well Data and Applicable Wellbore Diagrams and Packer Info are ATTACHED.**
- IV. **This is not an expansion of an existing project.**
- V. **A map is attached** 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. **A Tabulation is ATTACHED** of data on all wells of public record within the area of review which penetrate the proposed injection zone. **There are 2 wells in the subject AOR which Penetrate the proposed CANYON interval.** The data includes a description of each well's type, construction, date drilled, location, depth, and a schematic of any plugged well illustrating all plugging detail. **1P&A (of 2 total) wells penetrate.**
- VII. **The following data is ATTACHED** on the proposed operation, including:
  - 1. Proposed average and maximum daily rate and volume of fluids to be injected;
  - 2. Whether the system is open or closed;
  - 3. Proposed average and maximum injection pressure;
  - 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
  - 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- \*VIII. **Appropriate geologic data on the CANYON [Upper Penn] injection zone is ATTACHED** 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. **Stimulation program – a conventional acid job of up to 30,000 gals. may be performed to clean and open the formation.**
- \*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted). **Well Logs are ON FILE with OCD. Existing logs were used for zone analysis.**
- \*XI. **There are 9 Active and 2 Pending water wells within one mile of the proposed salt water disposal well per OSE data. An analysis of 1 well is ATTACHED.**
- XII. **An affirmative statement is ATTACHED that available geologic and engineering data has been examined and no evidence was found** of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. **"Proof of Notice" section on the next page of this form has been completed and ATTACHED. There are 9 offset lessees and/or operators within ONE mile including State minerals - all have been noticed. Location is FEE.**
- 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: **Ben Stone** TITLE: **SOS Consulting, LLC agent for Rubicon Oil and Gas, LLC**  
 SIGNATURE:  DATE: 5/08/2025  
 E-MAIL ADDRESS: **ben@sosconsulting.us**

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

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

**FORM C-108 – APPLICATION FOR AUTHORIZATION TO INJECT (cont.)**III. WELL DATA – *The following information and data is included (See ATTACHED Wellbore Schematic):*

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

- (1) Lease name; Well No., Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

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

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

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and details on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE *pursuant to the following criteria is ATTACHED.*

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

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

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

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

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

<b>C-102</b>  Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	Revised July 9, 2024
	Submittal Type: <input type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled	

**WELL LOCATION INFORMATION**

API Number <b>30-015-35687</b>	Pool Code <b>96184</b>	Pool Name <b>SWD; Canyon</b>
Property Code <b>TBD</b>	Property Name <b>Lakewood 21 SWD</b>	
OGRID No. <b>194266</b>	Operator Name <b>Rubicon Oil and Gas, LLC</b>	Well Number <b>1</b>
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Ground Level Elevation <b>3228'</b>
		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

**Surface Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
L	21	19S	26E		1980' FSL	1200' FWL	32.644000	-104.390898	Eddy

**Bottom Hole Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	same								

Dedicated Acres <b>n/a</b>	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.	<b>SWD-pending</b>		Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

**Kick Off Point (KOP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County

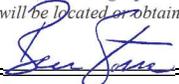
**First Take Point (FTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County

**Last Take Point (LTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County

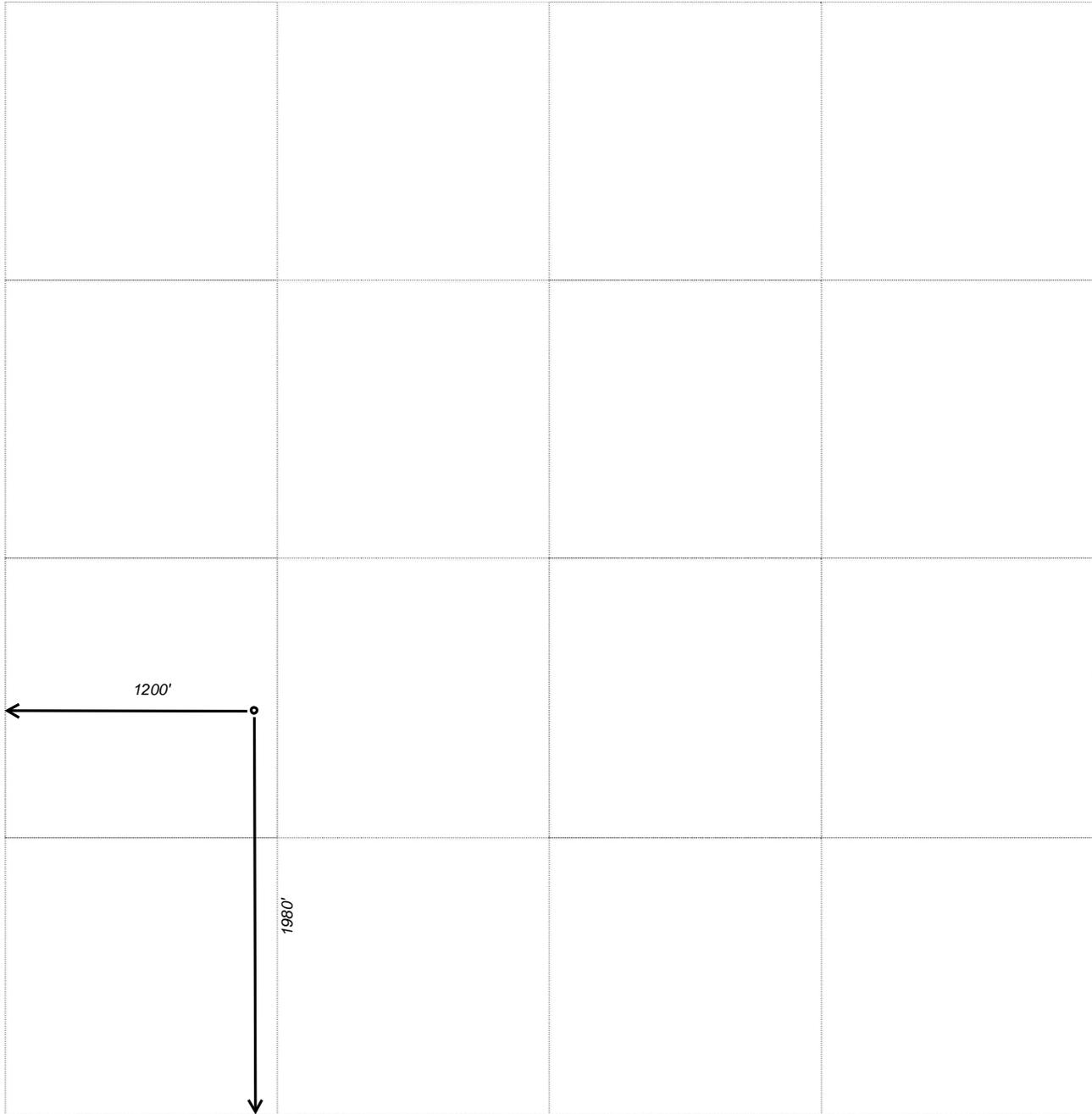
Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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<p><b>OPERATOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i></p> <p style="text-align: right;"> <b>4/29/2025</b></p> <p>Signature _____ Date _____</p> <p style="text-align: center;"><b>Ben Stone</b></p> <p>Printed Name _____</p> <p style="text-align: center;"><b>ben@sosconsulting.us</b></p> <p>Email Address _____</p>	<p><b>SURVEYOR CERTIFICATIONS</b></p> <p><i>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.</i></p> <p style="text-align: center;"><b>Ronald J. Eidson</b></p> <p>Signature and Seal of Professional Surveyor _____</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">Certificate Number</td> <td style="width:50%;">Date of Survey</td> </tr> <tr> <td style="text-align: center;"><b>3239</b></td> <td style="text-align: center;"><b>June 15, 2007</b></td> </tr> </table>	Certificate Number	Date of Survey	<b>3239</b>	<b>June 15, 2007</b>
Certificate Number	Date of Survey				
<b>3239</b>	<b>June 15, 2007</b>				

*Note: 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.*

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



## **C-108 - Items III, IV, V**

### **Item III - Subject Well Data**

Wellbore Diagram - CURRENT  
Wellbore Diagram – PROPOSED

### **Item IV – Tabulation of AOR Wells**

2 Wells Penetrate the Proposed Injection Interval, 1 P&A  
(P&A Diagram Attached)

### **Item V – Area of Review Maps**

1. Two Mile AOR Map with One-Mile Fresh Water Well Radius
2. One-Half Mile AOR Map

All Above Exhibits follow this page.

# Rubicon Oil & Gas, LLC Lakewood Prospect

1980' FSL & 1200' FWL  
Sec. 21, T19S, R26E, UL L  
Eddy County, NM

Lakewood 21-1  
Eddy County, New Mexico  
Existing Wellbore  
API# 30-015-35687

Comp: 10/19/2007  
TD'd: 8/10/2007  
Spud: 7/18/2007

Bit Size: 17-1/2" TD 390'  
9.2 MW, 32+ Vis, Spud Mud, Losses  
noted after TD, add lead cmt slurry

13-3/8" 54.5# K55@ 385' w/ 100 sks C+10pps Cal-seal  
+LCM & 390sx. C 2% CC  
Cmt circ 53 sks to surface.

Bit Size: 12-1/4"  
8.4 MW, LCM & Sweeps as needed  
Lost returns while drlg @ 800', partial returns to ICP

9-5/8" 36# J55 LTC@ 1388' CMT w/ ~150 sks. C +10pps Cal  
seal+LCM, 300 sks Interfill C, 250 C tail. Did not circulate, WOC  
4 hrs, Temp survey TOC @ 900', 1" top job w/ 300 sks C +2% CC  
circ 13 sks to pit.

Bit Size: 8-3/4"  
1400'-7,200' 8.4-8.6 MW FW & sweeps  
7,200-8,000' 9.1-9.2 MW Cutbrine  
8,000'-9,800' 9.2-9.5 MW cutbrine XCD & Starch

DV @ ~6002'  
Davis Lynch 778 MC  
Stage Collar 10k tool

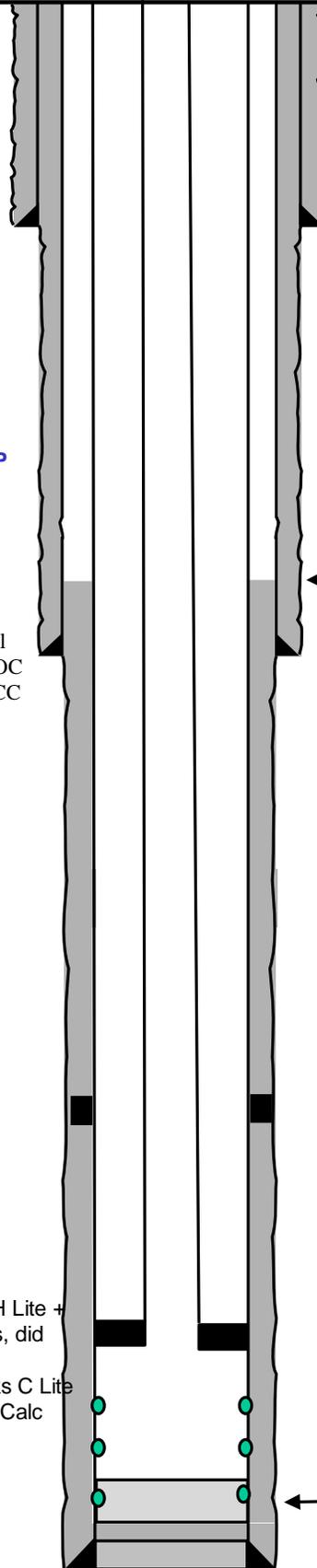
4-1/2" 11.6# HCP-110 LTC 9,792'

w/ 1) Cement 9792' to 6002', 500 gal mudflush 520 sks H Lite +  
365 sks super H. PD, Drop bomb, open stg tool, circ 4 hrs, did  
not circ cmt off 1st stage. Full returns during job.

2) Cement 6,002' to 1,200', 500 gal mudflush, 880 sks C Lite  
+ 155 sks C neat, PD, tool closed, tested csg to 3100 psi. Calc  
TOC ~ 1200 fs. Full returns during job.

TOC by CBL 9/5/2007 1st Stage 7300'  
Void 7300' to 6000'

PBTD: ~9,620' TD: ~9,800'



San Andres ~1200'

TOC ~1,300'  
By CBL 9/5/2007

Yeso ~3000'  
Wolfcamp ~6900'

Atoka ~9,000'  
Morrow Clastics ~9400'  
TD Miss ~9800'

**Tubing Detail:**  
1.78" R-nipple  
6'-2-3/8" L80 sub  
AS-1 10k Pkr @ 9305'  
On/Off tool w/ 1.81" F-nipple  
280 jts 2-3/8" L80 4.7 ppf EUE  
1-6' & 1-2' 2-3/8" L80 Sub  
1 jt 2-3/8" L80 4.7 ppf EUE

**Morrow Perfs:**  
9524-9530', 9483-9491', 9416-9422'  
Each set of perfs broken down individually w/  
500 gal 10% MCA.  
Frac w/ 32k gal 30# purgel + 202 tons CO2 +  
73.8k 18/40 Versaprop. Pumped as 70 Qual.  
AIR 44.2 bpm AIP 8050 psi, Ramp .5 to 4 ppg.

Tag sand fill @ 9511'



### WELL SCHEMATIC - PROPOSED Lakewood 21 SWD No.1

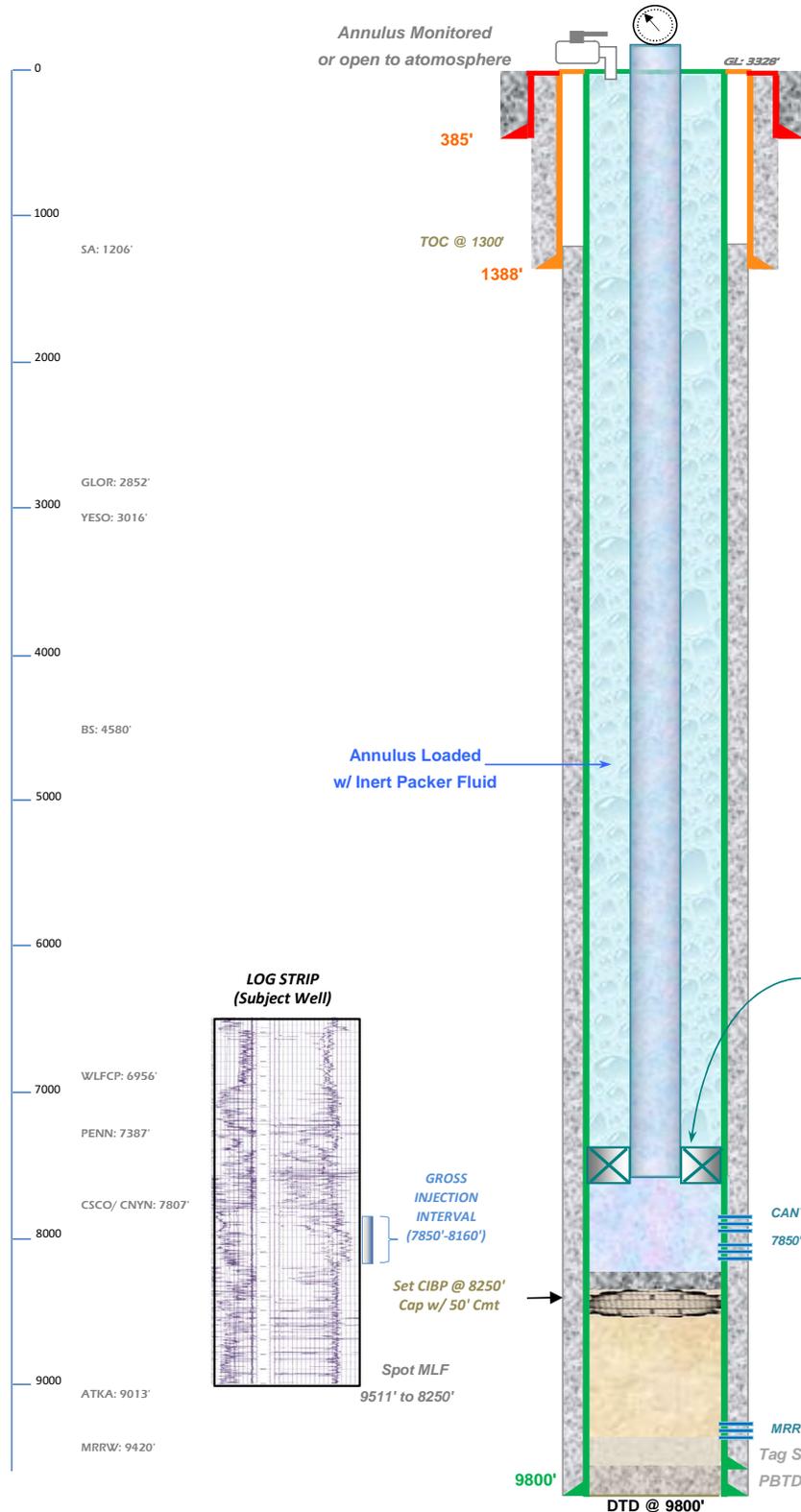
SWD; Canyon (96184)

API 30-015-35687

1980' FSL & 1200' FWL, SEC. 21-T19S-R26E  
EDDY COUNTY, NEW MEXICO

Spud Date: 7/19/2007

Re-Config SWD Dt (Est): -8/15/2025



Injection Pressure Regulated  
and Volumes Reported  
1570 psi Max. Surface (0.2 psi/ft)

**Surface Casing**

13.375", 54.5# K-55 STC Csg. (17.5" Hole) @ 385'  
490 sx - Circulated 53 sx to Surface

**Intermediate Casing**

9.625", 35.0# K-55 LTC Csg. (12.25" Hole) @ 1388'  
950 sx - Circulated to Surface

### RUBICON OIL AND GAS, LLC

Recomplete to Canyon Interval for SWD:  
Spot heavy MLF to 9511' to 8250'.  
Set CIBP @ 8250', Cap w/ 50' Cmt.  
Perforate Specific Intervals as shown and acidize.

Run IPC Tubing and PKR - Conduct Witnessed MIT.

Commence Disposal Operations.

Annulus Loaded  
w/ Inert Packer Fluid

2.875" IC Tubing (or smaller)

PKR ~7750'+

Note: PRK Set 100' Above Uppermost Perf Interval.

LOG STRIP  
(Subject Well)

GROSS  
INJECTION  
INTERVAL  
(7850'-8160')

Set CIBP @ 8250'  
Cap w/ 50' Cmt

Spot MLF  
9511' to 8250'

CANYON Perfs:  
7850'-8160'

**Production Casing (Combination)**

4.5", 11.0# P-110 Csg. (8.75" Hole) @ 9800'  
1495 sx - (H Poz + C) TOC @ 1300' by CBL  
(DV Tool @ 6002')

MRROW Perfs: 9416'-9530'  
Tag Sand Fill @ 9511'  
PBTD ~9620'

DTD @ 9800'

Drawn by: Ben Stone, 4/20/2025





# We Know Downhole.

(800) 441-3504 ■ www.dloiltools.com

## ASI-X PACKER

The **ASI-X Single String Double-Grip Production Packer** is the most versatile of the mechanically set retrievable packers and may be used in any production application. This packer is suited for treating, testing, or injection applications, in pumping or flowing wells, either deep or shallow. This packer can be left in tension or compression depending on well conditions and the required application.

A large internal by-pass reduces swabbing when running and retrieving. The by-pass closes when the packer is set and opens prior to releasing the upper slips when retrieving to allow pressure equalization. The J-slot design allows easy setting and releasing; 1/4 turn right-hand set, 1/4 turn right-hand release.

The standard ASI-X Packer is designed for differential pressures up to 7,000 PSI

(unless noted otherwise). This packer is also available in an HT version which is designed for differential pressures up to 10,000 PSI (unless noted otherwise). The HT version allows this packer to be utilized in completions where high pressure treating operations are performed and it is desirable to leave the tool in the well for production.

### Special Features

- By-pass below upper slips to wash debris when valve is opened
- By-pass is opened before upper slips are released
- Can be set with tension for shallow well applications
- Can be left in tension, compression or neutral
- 1/4 turn right-hand set, 1/4 turn right-hand release
- Additional J-Slot arrangements available



### Product Specifications

Casing		Recommended Hole Size (inches)	Gage OD (inches)	Max OD (inches)	Tool ID (inches)	Thread Connections Box Up / Pin Down	Part Number	
Size (inches)	Weight (lbs/ft)						Std	HT
2-7/8	6.4 - 6.5	2.375 - 2.441	2.250	2.263 <sup>1</sup>	0.63	1.050 EUE	60325-3E*	-
	8.6	2.259	2.125	2.152 <sup>1</sup>	0.63	1.050 EUE	60324-3E*	-
3-1/2	7.5 - 7.7	3.068 - 3.250	2.938	-	1.25	1.900 NUE	60336*	-
	7.7 - 10.2	2.922 - 3.068	2.781	-	1.25	1.900 NUE	60335*	-
	12.95	2.750	2.562	-	1.00	1.315 EUE / 1.660 EUE	60337*	-
4	9.5 - 11.0	3.476 - 3.548	3.250	3.312 <sup>1</sup>	1.50	1.900 EUE	60340*	-
	10.46 - 12.95	3.340 - 3.476	3.187	-	1.50	1.900 EUE	60341*	-
4-1/2	9.5 - 13.5	3.920 - 4.090	3.750	-	1.94	2-3/8 EUE	60345 <sup>2</sup>	60345HT <sup>2</sup>
	13.5 - 15.1	3.826 - 3.920	3.650	-	1.94	2-3/8 EUE	60344 <sup>2</sup>	60344HT <sup>2</sup>
	15.1	3.826	3.641	-	1.94	2-3/8 EUE	60346	-
	15.1 - 16.6	3.754 - 3.826	3.594	-	1.50	1.900 EUE	60343	-
	18.8	3.640	3.437	-	1.50	1.900 EUE	60342	-

<sup>1</sup>Maximum OD is across retracted drag blocks.

<sup>2</sup>Drilled for wireline.

\* Designed for differential pressures up to 10,000 PSI.

**Rubber Trim Upgrade Options** (additional cost, inquire with a D&L sales associate): HSN, Viton, ECNER/Afiles, ECNER/HSN, EPDM

**NOTE:** All pricing includes standard Nitrile trim. Other sizes, connections, and rubber options available upon request.

### Form C-108 Item VI - Tabulation of AOR Wells

Top of Proposed CANYON [Upper Penn] Interval 7,850'

2 Wells Penetrate Proposed Interval.

API	Current Operator	Well Name	Type	Status	ULSTR	Lease	Spud Dt.	Depth (V)	Plug Dt.
<i>Subject Well</i>									
30-015-35687	RUBICON OIL & GAS, LLC	LAKEWOOD 21-1 #001	Gas	Active	L-21-19S-26E	State	7/18/2007	9800	n/a
<i>AOR Wells</i>									
30-015-36047	RUBICON OIL & GAS, LLC	LAKEWOOD 21 #002	Gas	Active	J-21-19S-26E	Private	1/23/2008	9,960	n/a
<i>FOUR MILE DRAW; MORROW (Gas), Perfs: 9,500'-9,600'; 13-3/8" @ 380' w/450sx, 4.5" @ 9,900' w/900sx, PBTD @ 9,834', 2-3/8" @ 9,390'; TOC= 1,200 Calc., Lst Prd Feb 2025</i>									
30-015-36320	WESTERN RESERVES OIL CO INC	LAKE MCMILLAN 21 #002	Gas	P&A-R	G-21-19S-26E	Private	7/15/2008	9,780	8/14/2015
<i>P&amp;A Diagram Included...</i>									

**SUMMARY: 2 wells penetrate the proposed disposal interval, 1 P&A well penetrates.**



## **C-108 ITEM VI**

AOR Well Information

### **Plugged Well Schematics**

There is 1 P&A'd well Within the AOR Which Penetrates the Proposed Injection Zone.

30-025-36320

***Well Diagrams and Sundries (as applicable) follow this page...***

Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-103  
Revised August 1, 2011

WELL API NO. 30-015-36320
5. Indicate Type of Lease STATE      FEE      X
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name LAKE MCMILLAN "21"
8. Well Number 002
9. OGRID Number 24987
10. Pool name or Wildcat FOUR MILE DRAW; MORROW (GAS)

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well      Gas Well X      Other

2. Name of Operator  
WESTERN RESERVES OIL COMPANY INC.

3. Address of Operator  
P.O. BOX 993, MIDLAND, TEXAS 79702

4. Well Location  
Unit Letter;    G    ;    1980    feet from the    NORTH    line and    1980    feet from the    EAST    line  
Section            21                                    Township    19S                                    Range       26E                                    NMPM    EDDY                                    County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3,343' - GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK
- TEMPORARILY ABANDON
- PULL OR ALTER CASING
- DOWNHOLE COMMINGLE
- PLUG AND ABANDON
- CHANGE PLANS
- MULTIPLE COMPL

SUBSEQUENT REPORT OF:

- REMEDIAL WORK
- COMMENCE DRILLING OPNS.
- CASING/CEMENT JOB
- ALTERING CASING
- P AND A

OTHER:

OTHER: WELL PLUGGED AND ABANDONED 08/15/15.

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

08/12/15: SET 5-1/2" CIBP @ 9,213' (PER OCD); CIRC. WELL W/ PXA FLUID.  
 08/13/15: PUMP 30 SXS. CMT. @ 9,213'-9,023'; PUMP 25 SXS. CMT. @ 7,145'; WOC X TAG CMT. @ 6,879' (OK'D BY OCD).  
 08/14/15: PUMP 25 SXS. CMT. @ 5,082'-4,925'; PUMP 80 SXS. CMT. W/ 2%CACL @ 3,531'; WOC X TAG CMT. PLUG @ 2,706' (OK'D BY OCD); PUMP 25 SXS. CMT. @ 1,452'; WOC.  
 08/15/15: TAG CMT. PLUG @ 1,023' (OK'D BY OCD); MIX X CIRC. TO SURF. 50 SXS.CMT. @ 478'-3'; DIG OUT X CUT OFF WELLHEAD 3' B.G.L.; WELD ON STEEL PLATE TO CSGS. X INSTALL DRY HOLE MARKER.

Approved for plugging of well bore only.  
 Liability under bond is retained pending receipt of C-103 (Subsequent Report of Well Plugging) which may be found at OCD Web Page under Forms, www.cmrnd.state.nm.us/ocd.

Spud Date: MIRU: 08/10/15

Rig Release Date: RDMO: 08/16/15

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

SIGNATURE David A. Exler TITLE: AGENT DATE: 08/15/15

Type or print name: DAVID A. EXLER E-mail address: DEYLER@MILAGRO-RES.COM PHONE: 432.687.3033

APPROVED BY: David Exler TITLE: District Supervisor DATE: 8/29/15

Conditions of Approval (if any):

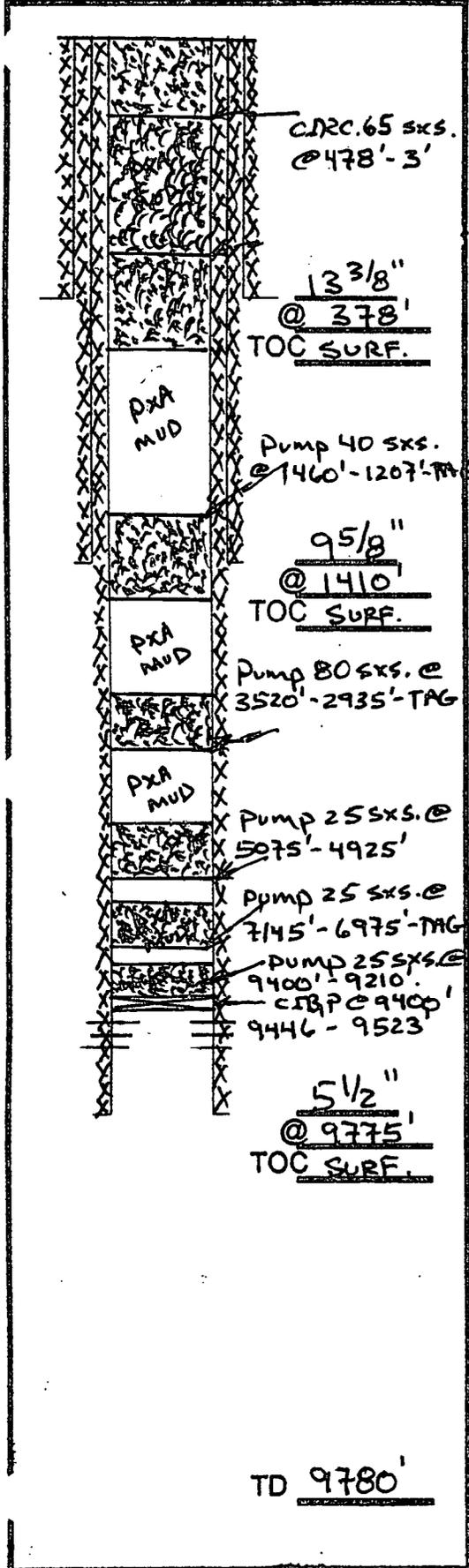
Submit Subsequent C-103

**PLUGGING & ABANDONMENT WORKSHEET (3 STRING CSNG)**

30-015-36320

OPERATOR WESTERN RESERVES OIL CO. INC.  
 LEASENAME LAKE McMEHAN "21"

WELL # 002  
 SECT 21 TWN 19S RNG 26E  
 FROM 1980 NSL 1980 EWL  
 TD: 9,780' FORMATION @ TD MRPW  
 PBTD: 9,569' FORMATION @ PBTD



	SIZE	SET @	TOC	TOC DETERMINED BY	
SURFACE	13 3/8	378'	SURF.	CIRC.	
INTMED 1	9 5/8	1410'	SURF.	CIRC.	
INTMED 2					
PROD	5 1/2	9775'	SURF.	CIRC.	
	SIZE	TOP	BOT	TOC	DETERMINED BY
LINER 1					
LINER 2					
	CUT & PULL @			TOP - BOTTOM	
INTMED 1			PERFS	9446' - 9523'	
INTMED 2			OPENHOLE	-	
PROD					

\* REQUIRED PLUGS DISTRICT I

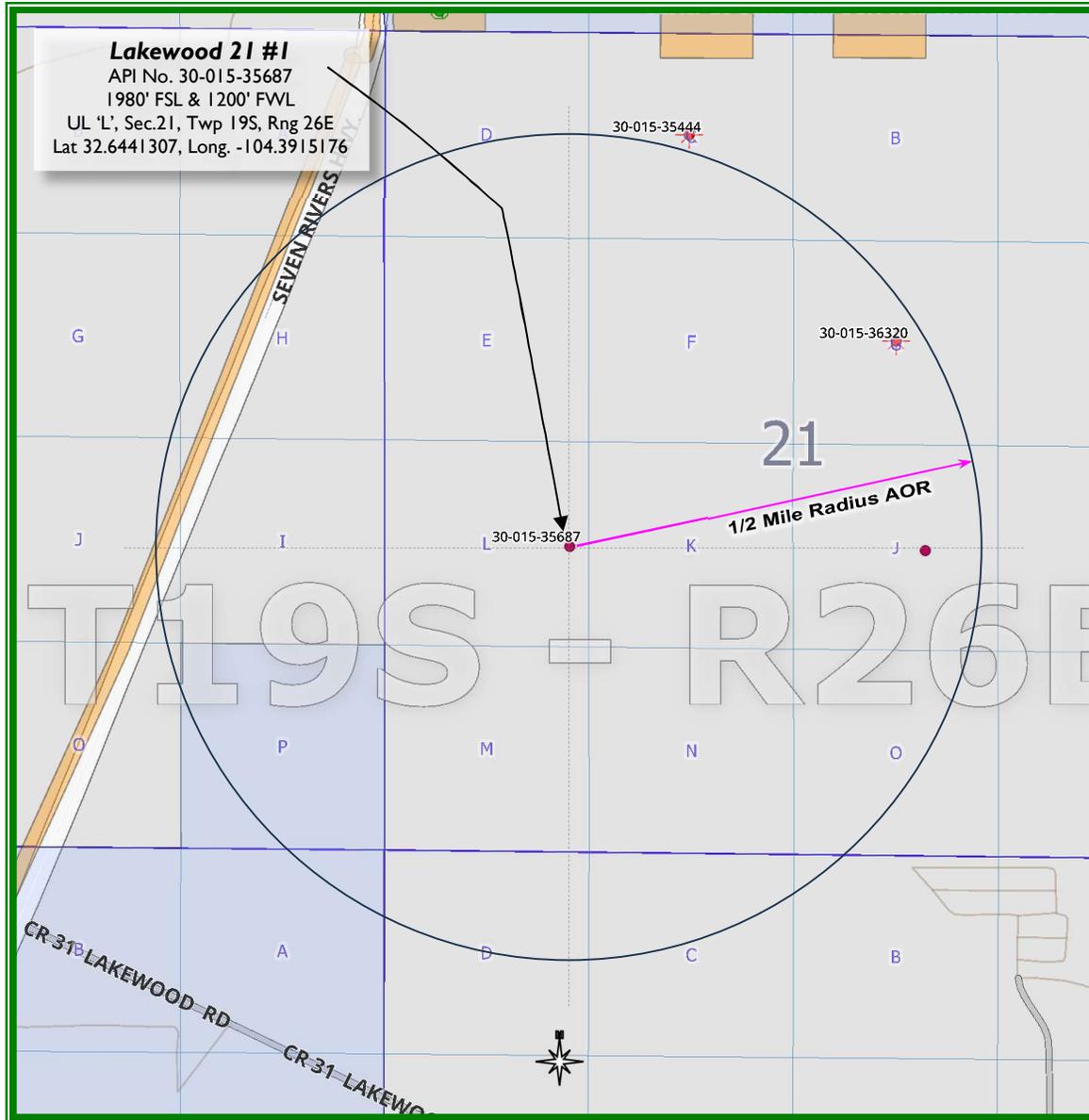
RUSTLER (ANHYD)	
YATES	
QUEEN	
GRAYBURG	
SAN ANDRES	1257'
CAPTAN REEF	
DELAWARE	
BELL CANYON	
CHERRY CANYON	
BRUSHY CANYON	
BONE SPRING	3470'
GLORIETA	2985' *
BLINEBRY	
TUBB	
DRINKARD	
ABO	
WC	7060'
PENN	
STRAWN	8730'
ATOKA	9020'
MORROW	9410'
MISS	
DEVORIAN	

PLUG	TYPE	SACKS	DEPTH
	PLUG	CMNT	
EXAMPLES			
PLUG # 1	OH	25 SXS	9850'
PLUG # 2	SHOE	50 SXS	8700'-8800'
PLUG # 3	CIBP/35'		5300'
PLUG # 3	CIBP	25 SXS	5300'
PLUG # 4	STUB	50 SXS	4600'-4700'
PLUG # 6	RETNR SQZ	200 SXS	400
PLUG # 7	SURF	10 SXS	0-10'
PLUG # 1			
PLUG # 2			
PLUG # 3			
PLUG # 4			
PLUG # 5			
PLUG # 6			
PLUG # 7			
PLUG # 8			
PLUG # 9			
PLUG # 10			
PLUG #			
PLUG #			

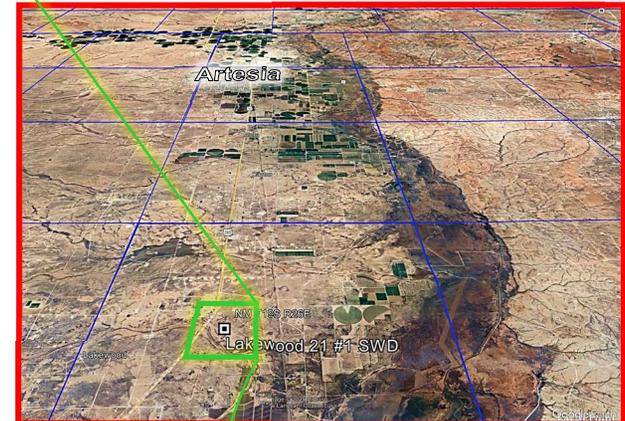


# Lakewood 21 #1 SWD - Area of Review / Overview Map

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



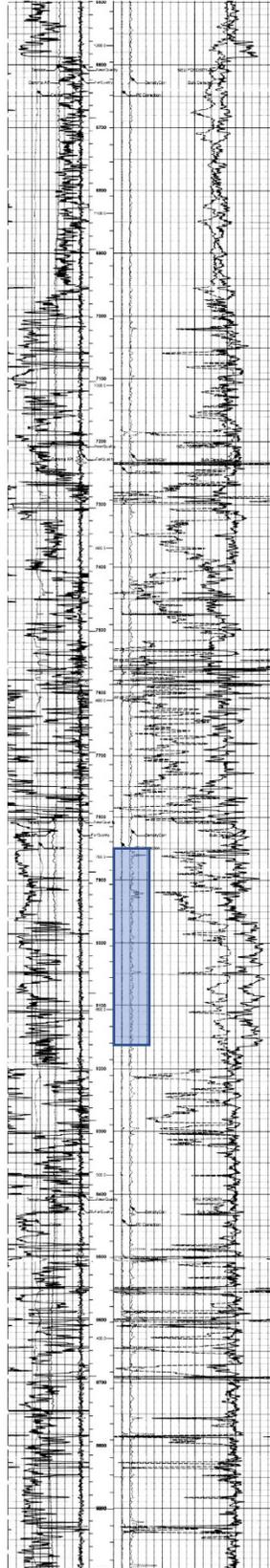
~13.6 miles South of Artesia, NM



Eddy County, New Mexico



**C-108 ITEM X – LOGS**  
**and AVAILABLE TEST DATA**  
Lakewood 21 #1, 30-015-35687  
*Log Strip from the subject well with zone identified.*



*Proposed  
Injection  
Interval  
7850' to 8160'*

## C-108 ITEM VII – PROPOSED OPERATION

The Lakewood 21 SWD #1 will be operated as a private disposal well to service Rubicon Oil and Gas area operations. Source and disposal zone formation waters are compatible (*representative analyses of several zones are included herein*).

Note: The cost to dispose of produced water via trucking has become cost prohibitive and if continued, would certainly reduce lease economics and create waste by unnecessary trucking costs including fuel. The average daily rate of this SWD would eliminate approximately two dozen transport truck trips per day. Converting this well to lease disposal will allow the operator to maintain sufficient in-house disposal volume and continue economic viability for their operated wells in the area. The well will not be open for commercial disposal from other operators' leases.

The system will be closed utilizing a small tank battery for offloading transports and an injection pump facility on the site. The operator may also opt for certain wells to be connected via poly flowlines to facilitate collection of produced water. The tanks and associated equipment will be located within a lined berm area to contain 150% of the largest tank volume.

Injection pressure will be 1570 psi (0.2 psi/ft) with a maximum rate of 5500 bwpd. Average daily rate is expected to be 3500 bwpd or less.

Routine maintenance will be ongoing and any releases will be reported within 24 hours to OCD on form C-141 pursuant to various portion of 19.15.29 and 30 NMAC. Remediation would commence immediately upon assessment and planning to include all required documentation and reporting.

The facility will not be manned but will be available for inspections at any time deemed necessary by OCD.

e-Permitting  
C-108 Submittal

Attachment Category

Seismicity Analysis

For High Volume Devonian Wells

**(NOT APPLICABLE TO THIS APPLICATION)**

## **C-108 ITEM VII – PRODUCED WATER ANALYSES**

### **Item VII.4 – Water Analysis of Source Zone Water**

Glorieta/ Yeso  
Bone Spring  
Morrow

### **Item VII.5 – Water Analysis of Disposal Zone Water**

Cisco/ Canyon

**Water Analyses follow this page.**

**C-108 Item VII.5 - Produced Water Data  
Rubicon Oil and Gas, LLC - Lakewood 21 SWD Proposal**

**SOURCE ZONE**

**GLO/YESO**

<b>API No</b>	3001524754	<b>Lab ID</b>	
<b>Well Name</b>	PLATT PA 009	<b>Sample ID</b>	1146
		Sample No	
<b>Location</b>	ULSTR 26 18 S 26 E	<b>Lat / Long</b>	32.71216 -104.35742
	330 S 990 W	<b>County</b>	Eddy
<b>Operator (when sampled)</b>	Yates Petroleum Corp.		
	Field ATOKA	<b>Unit</b>	M
<b>Sample Date</b>	8/4/1984	<b>Analysis Date</b>	
	<b>Sample Source Wellhead</b>	<b>Depth (if known)</b>	
	Water Typ Produced Water		
ph	7.5	alkalinity_as_caco3_mgL	
ph_temp_F		hardness_as_caco3_mgL	
specificgravity		hardness_mgL	1800
specificgravity_temp_F		resistivity_ohm_cm	
tds_mgL	120382	resistivity_ohm_cm_temp	
tds_mgL_180C		conductivity	
chloride_mgL	113000	conductivity_temp_F	
sodium_mgL	71415	carbonate_mgL	0
calcium_mgL	2560	bicarbonate_mgL	476
iron_mgL	0	sulfate_mgL	2001
barium_mgL		hydroxide_mgL	
magnesium_mgL	0	h2s_mgL	0
potassium_mgL		co2_mgL	
strontium_mgL		o2_mgL	
manganese_mgL		anionremarks	
<b>Remarks</b>			

*(Produced water data courtesy of NMT Octane NM WAIDS database.)*



**C-108 Item VII.5 - Produced Water Data  
Rubicon Oil and Gas, LLC - Lakewood 21 SWD Proposal**

**SOURCE ZONE**

**GLO/YESO**

<b>API No</b>	3001524619	<b>Lab ID</b>	
<b>Well Name</b>	PLATT PA 008	<b>Sample ID</b>	1207
		<b>Sample No</b>	
<b>Location</b>	ULSTR 26 18 S 26 E 430 S 2260 W	<b>Lat / Long</b>	32.71245 -104.35329
		<b>County</b>	Eddy
<b>Operator (when sampled)</b>	Yates Petroleum Corporation		
	Field ATOKA	<b>Unit</b>	N
<b>Sample Date</b>	1/19/1985	<b>Analysis Date</b>	
	<b>Sample Source well head</b>	<b>Depth (if known)</b>	
	Water Typ Produced Water		
ph	6	alkalinity_as_caco3_mgL	
ph_temp_F		hardness_as_caco3_mgL	
specificgravity		hardness_mgL	11500
specificgravity_temp_F		resistivity_ohm_cm	
tds_mgL	136324	resistivity_ohm_cm_temp	
tds_mgL_180C		conductivity	
chloride_mgL	121000	conductivity_temp_F	
sodium_mgL	61571	carbonate_mgL	
calcium_mgL	4160	bicarbonate_mgL	104
iron_mgL	0	sulfate_mgL	3720
barium_mgL		hydroxide_mgL	
magnesium_mgL	7340	h2s_mgL	
potassium_mgL		co2_mgL	
strontium_mgL		o2_mgL	
manganese_mgL		anionremarks	
<b>Remarks</b>			

(Produced water data courtesy of NMT Octane NM WAIDS database.)



**C-108 Item VII.5 - Produced Water Data  
Rubicon Oil and Gas, LLC - Lakewood 21 SWD Proposal**

**SOURCE ZONE**

**BONE SPRING**

<b>API No</b>	3001520225	<b>Lab ID</b>	
<b>Well Name</b>	BIG EDDY UNIT	<b>Sample ID</b>	5847
	012	Sample No	
<b>Location</b>	ULSTR 21 20 S 31 E	<b>Lat / Long</b>	32.56399 -103.87994
	660 N 660 W	<b>County</b>	Eddy
<b>Operator (when sampled)</b>	MALLON OIL COMPANY		
	Field BIG EDDY	Unit D	
Sample Date	8/27/1999	Analysis Date	8/31/1999
	Sample Source	Depth (if known)	
	Water Typ		
ph	5.2	alkalinity_as_caco3_mgL	
ph_temp_F		hardness_as_caco3_mgL	
specificgravity	1.125	hardness_mgL	
specificgravity_temp_F		resistivity_ohm_cm	
tds_mgL	181697	resistivity_ohm_cm_temp	
tds_mgL_180C		conductivity	
chloride_mgL	123750	conductivity_temp_F	
sodium_mgL	73895.6	carbonate_mgL	
calcium_mgL	5625	bicarbonate_mgL	13.725
iron_mgL	337.5	sulfate_mgL	787.5
barium_mgL		hydroxide_mgL	
magnesium_mgL		h2s_mgL	0
potassium_mgL		co2_mgL	
strontium_mgL		o2_mgL	
manganese_mgL		anionremarks	
Remarks			

(Produced water data courtesy of NMT Octane NM WAIDS database.)



**C-108 Item VII.5 - Produced Water Data  
Rubicon Oil and Gas, LLC - Lakewood 21 SWD Proposal**

**SOURCE ZONE**

**MORROW**

<b>API No.</b>	3001521478	<b>Lab ID</b>	
<b>Well Name</b>	STATE K 001	<b>Sample ID</b>	6245
		<b>Sample No</b>	
<b>Location</b>	ULSTR 28 19 S 25 E 660 S 1980 W	<b>Lat / Long</b>	32.62602 -104.49141
		<b>County</b>	Eddy
<b>Operator (when sampled)</b>	YATES PETROLEUM CORPORATION		
	Field	Unit	N
<b>Sample Date</b>	4/9/1999	<b>Analysis Date</b>	4/23/1999
	<b>Sample Source</b>	<b>Depth (if known)</b>	
	<b>Water Type</b>		
ph	7.6	alkalinity_as_caco3_mgL	
ph_temp_F		hardness_as_caco3_mgL	
specificgravity	1.01	hardness_mgL	
specificgravity_temp_F		resistivity_ohm_cm	
tds_mgL	10987.6	resistivity_ohm_cm_temp_l	
tds_mgL_180C		conductivity	
chloride_mgL	4295.53	conductivity_temp_F	
sodium_mgL	2935.06	carbonate_mgL	0
calcium_mgL	725.18	bicarbonate_mgL	669.63
iron_mgL	4.545	sulfate_mgL	2194.73
barium_mgL	0.0505	hydroxide_mgL	
magnesium_mgL	121.2	h2s_mgL	262.6
potassium_mgL	142.41	co2_mgL	
strontium_mgL	9.595	o2_mgL	
manganese_mgL		anionremarks	
<b>Remarks</b>			

(Produced water data courtesy of NMT Octane NM WAIDS database.)



**C-108 Item VII.5 - Produced Water Data  
Rubicon Oil and Gas, LLC - Lakewood 21 SWD Proposal**

**DISPOSAL ZONE**

**CIS**

<b>API No</b>	3001526468	<b>Lab ID</b>	
<b>Well Name</b>	JOHN AGU 002	<b>Sample ID</b>	5945
		<b>Sample No</b>	
<b>Location</b>	ULSTR 14 20 S 24 E 660 N 660 E	<b>Lat / Long</b>	32.57883 -104.55197
		<b>County</b>	Eddy
<b>Operator (when sampled)</b>			
	Field DAGGER DRAW	Unit	A
<b>Sample Date</b>	5/13/2000	<b>Analysis Date</b>	
	<b>Sample Source</b>	<b>Depth (if known)</b>	
	<b>Water Typ</b>		
ph	6.1	alkalinity_as_caco3_mgL	
ph_temp_F		hardness_as_caco3_mgL	
specificgravity	1.05	hardness_mgL	
specificgravity_temp_F		resistivity_ohm_cm	
tds_mgL	216236	resistivity_ohm_cm_temp_	
tds_mgL_180C		conductivity	
chloride_mgL	53321	conductivity_temp_F	
sodium_mgL		carbonate_mgL	
calcium_mgL	4576	bicarbonate_mgL	72619
iron_mgL	1000	sulfate_mgL	952
barium_mgL	0	hydroxide_mgL	
magnesium_mgL	463	h2s_mgL	0
potassium_mgL		co2_mgL	
strontium_mgL		o2_mgL	
manganese_mgL		anionremarks	

Remarks

*(Produced water data courtesy of NMT Octane NM WAIDS database.)*



## **C-108 - Item VIII**

### Geological Data

The [Pennsylvanian] Canyon formation consists of similarly medium-grained carbonates, primarily dolomite and porous and permeable sandstone interbedded with shale and is generally 150 to 200 feet in thickness. The reservoirs in this area are usually limited in size with up dip porosity loss due to shelf margin carbonate build up. The upper portion becomes very shaley and is not proposed for injection.

The combined zones offer some good porosity in the proposed injection interval located from 7850 feet to 8160 feet with some very good porosity interspersed throughout the overall interval.

The [Pennsylvanian] Canyon is overlain by the Wolfcamp and underlain by the Strawn and Atoka. The upper portion of the Penn becomes very shaley and offers some additional confinement.

Fresh water in the area is generally available from the karstic San Andres limestone formation which is a prime example of an artesian recharged aquifer. Based on State Engineer's records for water wells in Sections 21, Twp 19S, Rng 26E, groundwater is found at an average depth 90 feet.

OSE records indicated 9 active, and 2 pending water wells located within one mile of the proposed SWD. A representative analysis of 1 of the wells is contained herein.

## C-108 ITEM XII – GEOLOGIC AFFIRMATION

We have examined available geologic and engineering data and have found no evidence of open faults or other hydrologic connection between the disposal interval and any underground sources of drinking water.



---

Ben Stone, Partner  
SOS Consulting, LLC

Project: Rubicon Oil and Gas, LLC  
Lakewood 21 SWD #1  
Reviewed 4/20/2025

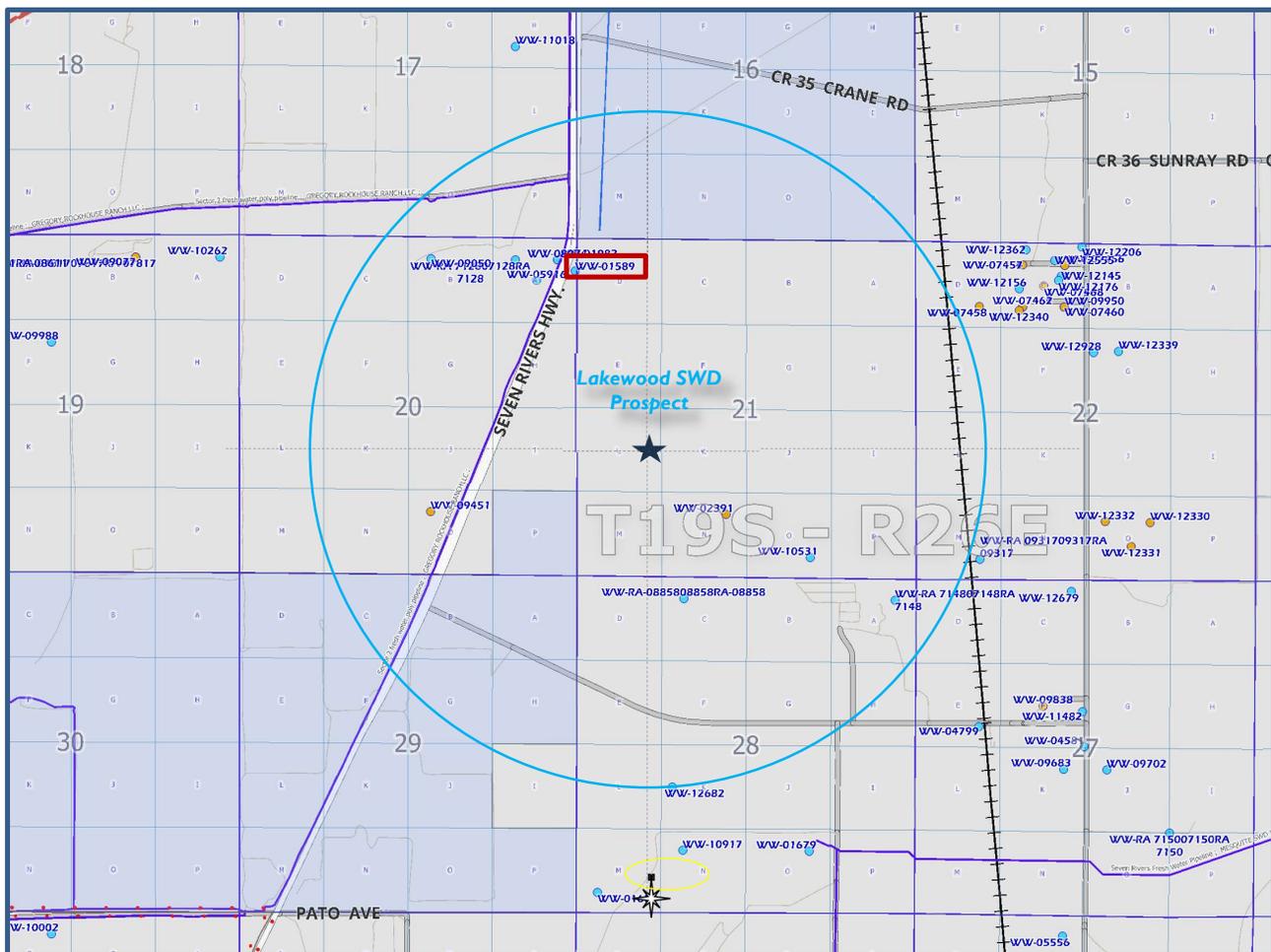
# C-108 Item XI

## Water Wells Within One Mile

### Lakewood 21 SWD #1 - Water Well Locator Map

As displayed in OCD's GIS Map, NM State Engineer's and USGS records indicate 9 Active and 2 Pending Water Wells within one mile of the proposed SWD. One of the wells will be sampled and analyzed by Rubicon personnel.

WW-01589 was sampled and analyzed; analysis follows this page.





WW-01589

P.O. Box 3394, Midland, Texas 79702  
Phone (432) 684-4233 Fax (432) 684-4277

287407

SAMPLE ANALYSIS FORM

Company Rubicon Oil & Gas, LLC Date 05/02/2025

State New Mexico County Eddy Date in Lab 05/02/2025

Lease G&C Well Type Well Fresh Water

Sample Date 05/02/2025 Sample Pt Sales Rep Lemuiel Smiley

Number of Yrs Old Top Perf

Production

Fluids: Oil(bpd) Gravity API Color of Oil

Water(bpd) Estimated Chlorides Water Produced

Gas(mcf) Working Pressure(psi) Shut in Pressure(psi)

Well Class and Type Lift: Iron Count(mg/l)

Equipment: Temperature(F)

Chemicals in Use

Product Amount Unit Treatment

Problem: Location:

[Empty box for problem and location details]

Recommendations: No

Details:

Need complete water analysis with TDS and Chlorides. ASAP



P.O. Box 3394, Midland, Texas 79702  
 Phone (432) 684-4233 Fax (432) 684-4277

**Water Analysis**

Code 287407	
Client Information	Sample Information
<b>Rubicon Oil &amp; Gas, LLC</b>	<b>Lease/Well:</b> G&C/Fresh Water
<b>County:</b> Eddy	<b>Sample Point:</b> WW-01589
<b>Rep:</b> Lemuiel Smiley	<b>Date Sampled:</b> 05/02/2025
	<b>Date Reported:</b> 05/02/2025

**Results**

**Cations**

Ion	Concentration(mg/L)
Barium (as Ba)	0.072
Calcium (as Ca)	277.53
Iron (as Fe)	0.158
Sodium (as Na)	20.311
Magnesium (as Mg)	0.619
Manganese (as Mn)	0

**Other Measurements**

Measurement	Value
pH	6.93
SG	0.9996
Turbidity	0
CO <sub>2</sub>	
Total Dissolved Solids	1208.690

**Anions**

Ion	Concentration(mg/L)
Chlorides (as Cl)	61
Sulfate (as SO <sub>4</sub> )	550
Carbonate (as CO <sub>3</sub> )	0
Bicarbonates (as HCO <sub>3</sub> )	299
Sulfide (as S <sup>2-</sup> )	0

**Scaling Indices (lbs/1000 barrels)**

Temp(F)	CaCO <sub>3</sub>	CaSO <sub>4</sub> *2H <sub>2</sub> O	CaSO <sub>4</sub>	BaSO <sub>4</sub>
80	0.4103	-0.0099	-0.0099	0.6809
120	0.7268	-0.0080	-0.0080	0.4730
160	1.0779	-0.0072	-0.0072	0.3590
200	1.3962	-0.0060	-0.0060	0.3146
250	1.6917	-0.0042	-0.0042	0.3341

Low = < 0.200, Moderate = 0.200-0.999, High = > 1.00

**Comments**

Strontium: 3.387
------------------





# New Mexico Office of the State Engineer Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Well Depth	Depth Water	Water Column
<a href="#">RA 02391 POD1</a>	O	RA	ED	NE	SE	SW	21	19S	26E	557416.0	3611696.0 *	●	200		
<a href="#">RA 10531</a>		RA	ED	SE	SW	SE	21	19S	26E	557820.0	3611493.0 *	●	140	90	50

Average Depth to Water: **90 feet**

Minimum Depth: **90 feet**

Maximum Depth: **90 feet**

**Record Count: 2**

**PLSS Search:**

**Range:** 26E

**Township:** 19S

**Section:** 21

\* UTM location was derived from PLSS - see Help

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

## **C-108 ITEM XIII – PROOF OF NOTIFICATION**

### IDENTIFICATION AND NOTIFICATION OF AFFECTED PARTIES

#### **Exhibits for Section**

Affected Parties Map

List of Affected Parties

Notification Letter to Affected Parties

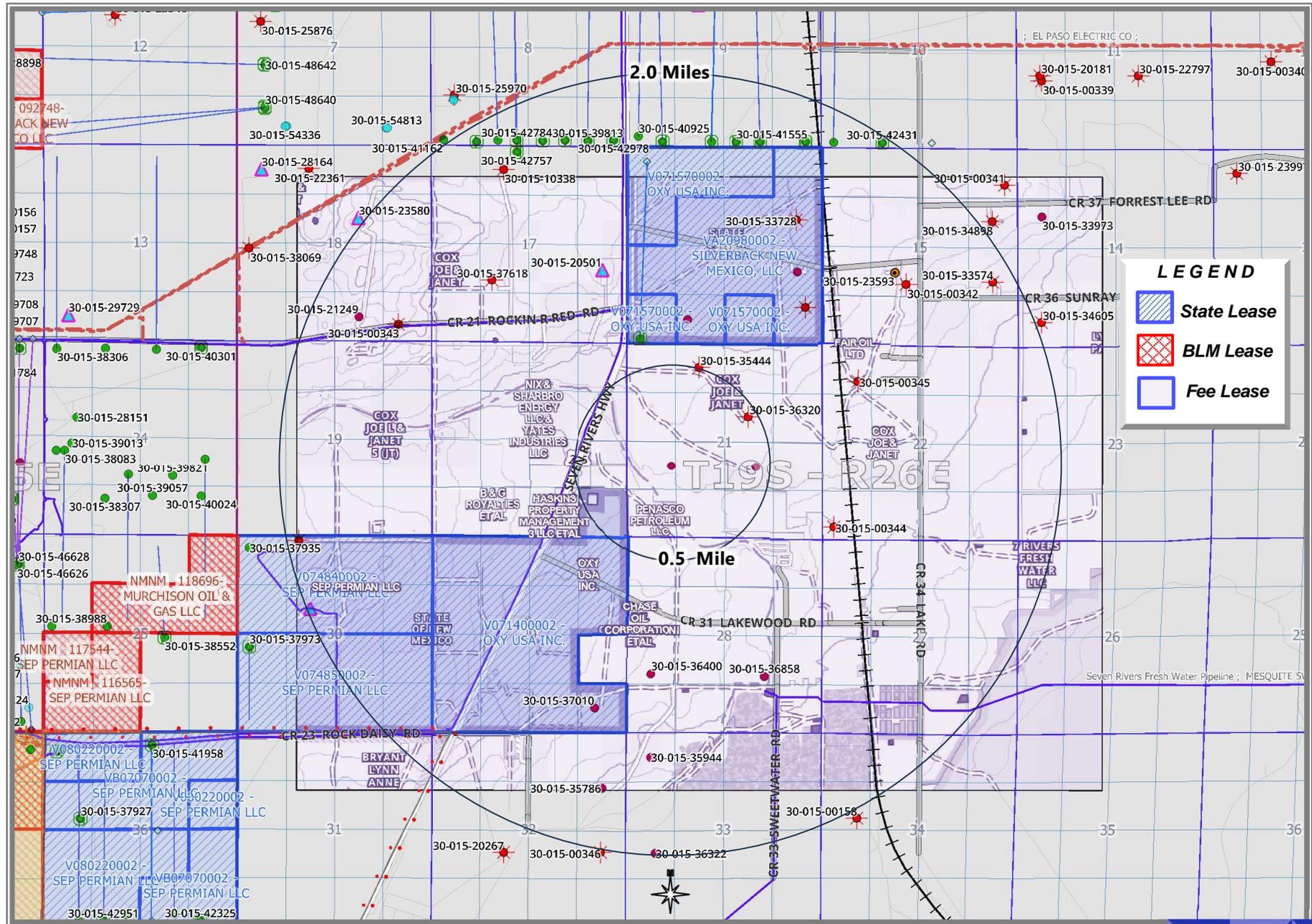
Proof of Certified Mailing

Proof of Return Receipts

Affidavit Published Legal Notice

# Lakewood 21 SWD #1 – Lease/ Affected Party Plat

(Attachment to NMOCD Form C-108, Application for Authority to Inject.)



**LEGEND**

- State Lease
- BLM Lease
- Fee Lease



## C-108 ITEM XIII – PROOF OF NOTIFICATION AFFECTED PARTIES LIST

**ALL AFFECTED PARTIES ARE PROVIDED A NOTICE LETTER VIA US CERTIFIED MAIL CONTAINING UNIQUE 6 CHARACTER DOCUMENT ACCESS CODES FOR SECURE DOWNLOAD OF A PDF COPY OF THE SUBJECT C-108 APPLICATION. AFFECTED PARTIES MAY ALSO REQUEST A PDF COPY VIA SENT EMAIL.**

"AFFECTED PERSON" MEANS THE DIVISION DESIGNATED OPERATOR; IN THE ABSENCE OF AN OPERATOR, A LESSEE WHOSE INTEREST IS EVIDENCED BY A WRITTEN CONVEYANCE DOCUMENT EITHER OF RECORD OR KNOWN TO THE APPLICANT AS OF THE DATE THE APPLICANT FILES THE APPLICATION; OR IN THE ABSENCE OF AN OPERATOR OR LESSEE, A MINERAL INTEREST OWNER WHOSE INTEREST IS EVIDENCED BY A WRITTEN CONVEYANCE DOCUMENT EITHER OF RECORD OR KNOWN TO THE APPLICANT AS OF THE DATE THE APPLICANT FILED THE APPLICATION FOR PERMIT TO INJECT.; PER OCD RULES NMAC 19.15.26.7, A. AND 19.15.26.8, B.2.

**SURFACE OWNER**

NOTICE #	ENTITY	US CERTIFIED TRACKING	SOS DOC ACCESS CODE
1	<b>JOE L. &amp; JANET S. COX</b> 130 Cougar Road Carlsbad, NM 88220	7018 2290 0001 2038 9149	<input checked="" type="checkbox"/>

**OFFSET MINERALS OWNERS, LESSEES and/ or OPERATORS**

2	<b>RUBICON OIL &amp; GAS, LLC</b> 400 W. Wall Street, Suite 300, Midland, Texas, 79701	<i>APPLICANT</i>	<input checked="" type="checkbox"/>
3	<b>PENASCO PETROLEUM, LLC</b> P.O. Box 2292 Roswell, NM 88202	7018 2290 0001 2038 9156	<input checked="" type="checkbox"/>
4	<b>CHASE OIL CORPORATION</b> P.O. Box 1767 Artesia, NM 88211	7018 2290 0001 2038 9163	<input checked="" type="checkbox"/>
5	<b>B&amp;G ROYALTIES ET AL</b> P.O. Box 127 Artesia, NM 88211	7018 2290 0001 2038 9170	<input checked="" type="checkbox"/>
6	<b>FAIR OIL LIMITED</b> P.O. Box 689 Tyler, TX 75710	7018 2290 0001 2038 9200	<input checked="" type="checkbox"/>
7	<b>OXY USA, INC.</b> P.O. Box 50250 Midland, TX 79710-0250	7018 2290 0001 2038 9194	<input checked="" type="checkbox"/>
8	<b>NIX &amp; SHARBRO ENERGY LLC &amp; YATES INDUSTRIES LLC</b> P.O. Box 840 Artesia, NM 88211	7018 2290 0001 2038 9187	<input checked="" type="checkbox"/>
9	<b>CONOCOPHILLIPS CO.</b> P.O. Box 2197, WI3 3046 Houston, TX 77252	7018 2290 0001 2038 9217	<input checked="" type="checkbox"/>
9	<b>STATE OF NEW MEXICO</b> <i>State Land Office - Commissioner of Public Lands, Oil, Gas and Minerals Division</i> 310 Old Santa Fe Trail Santa Fe, NM 87504	7018 2290 0001 2038 9224	<input checked="" type="checkbox"/>

**C-108 ITEM XIII – PROOF OF NOTIFICATION  
AFFECTED PARTIES LIST (cont.)**

**REGULATORY**

**NM OIL CONSERVATION DIVISION**

1220 S. St. Francis Dr.  
Santa Fe, NM 87505

*Filed via OCD  
Online e-Permitting*

**NEW MEXICO STATE LAND OFFICE**

Commissioner of Public Lands  
Oil, Gas and Minerals Division  
310 Old Santa Fe Trail  
Santa Fe, NM 87501





April 24, 2025

**NOTIFICATION TO INTERESTED PARTIES**  
**via U.S. Certified Mail – Return Receipt Requested**

To Whom It May Concern:

Rubicon Oil and Gas, LLC, Midland, Texas, has made application to the New Mexico Oil Conservation Division to permit for salt water disposal its Lakewood 21 SWD #1. The SWD operation will be for private, area lease water disposal from its operators. As indicated in the notice below, the well is located in Section 21, Township 19 South, Range 26 East in Eddy County, New Mexico.

The published notice states that the interval will be from 7,850 feet to 8,160 feet into the [Upper Penn] Canyon formation. Following is the notice published in the Artesia Daily Press, Artesia, New Mexico on or about April 24, 2025.

**LEGAL NOTICE**

Rubicon Oil and Gas, LLC, 400 W. Wall Street, Suite 300, Midland, Texas, 79701, is filing Form C-108 (Application for Authority to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for a salt water disposal well. The proposed well is the Lakewood 21 SWD No.1, (API 30-015-35687) is located 1980' FSL and 1200' FWL, Section 21, Township 19 South, Range 26 East, Eddy County, New Mexico. Produced water from area production will be commercially disposed into the Canyon [Upper Penn] formation at a depth of 7,850' to 8,160' at a maximum surface pressure of 1570 psi with a maximum daily rate of 5,500 bwpd and an average daily rate of 3,500 bwpd. The proposed SWD well is located approximately 13.6 miles south of Artesia, NM.

Interested parties wishing to object to the proposed application must file with the New Mexico Oil Conservation Division, 1220 St. Francis Dr., Santa Fe, NM 87505, (505)476-3460 within 15 days of the date of this notice. Additional information may be obtained from the applicant's agent, SOS Consulting, LLC, (936)367-5950 or, email [info@sosconsulting.us](mailto:info@sosconsulting.us).

***You have been identified as a party who may be interested as an offset lessee or operator.***

You are entitled to a full copy of the application. SOS Consulting has deployed a new app for the explicit secure delivery of a full PDF copy of the application. Any user employed with **Affected Party** may log into the system and when prompted for a *Document Access Code*, enter **0000XX** to View or Download the document as desired. Using the *SOS Client and Affected Party Document Access* app takes about one minute, start to finish – instructions are included, and only name, email and company name are needed to access the system.

Thank you for your attention in this matter.

Best regards,

Ben Stone, SOS Consulting, LLC  
 Agent for Rubicon Oil and Gas, LLC

Cc: Application File

# User Information for the SOS Client & Affected Party Portal

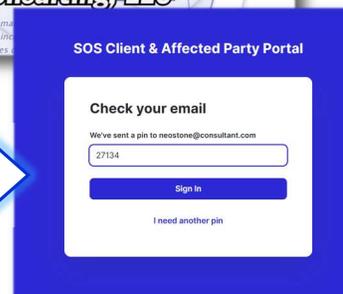
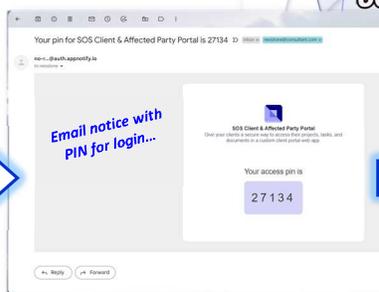
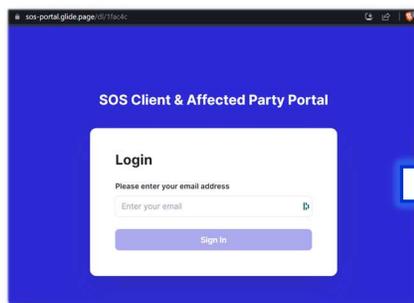
Thank you for using the new SOS Document Portal. This system allows for the **secure delivery of all types of applications and any resulting permits**. The system is built in and stored in the cloud using the best available platforms and code for a secure and robust app. We hope you appreciate our efforts to reduce printed paper copies and deliver pertinent documents in a much more efficient way. If you're a client, you may use the portal to view all the applications that SOS Consulting, LLC has generated on behalf of you or your organization.

1

Open the SOS Consulting website at: [www.sosconsulting.us](http://www.sosconsulting.us)

Click the **App Icon** in the upper right corner of the screen...

The secure **SOS Client & Affected Party Portal** site will open...



2

Become a user of the site by entering your email address and basic info for your profile – minimal information is required although we ask that you provide your company name so we may view who and which companies have reviewed a particular document.

*(Please note that nothing is done with your information – it is only for access to this portal.)*

Each time you log into the SOS Portal, you will be sent a pin code for **2-Step Verification** to your email within 15 seconds. Enter the code for access to the portal.

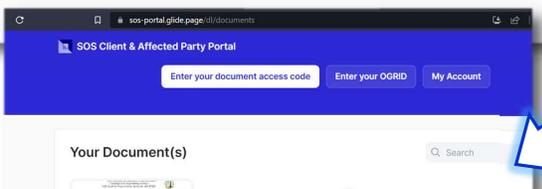
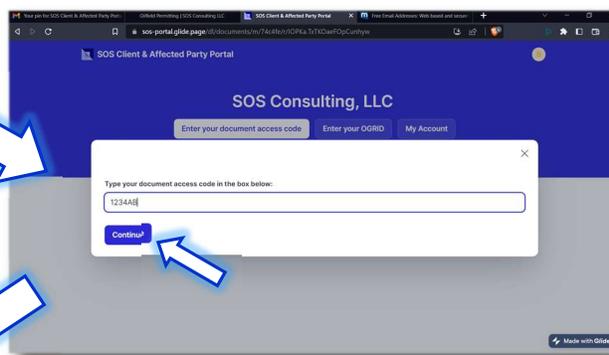
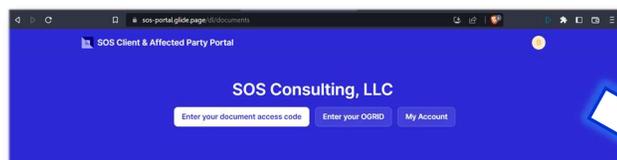


MOBILE ACCESS

3

The SOS portal will open to your user page or the portal home. If you don't see this screen, simply click on the SOS Client & Affected Party title and the home page will open. This page allows you to enter a **'Document Access Code'** or if a client, **'Enter your OGRID'**. *(When entering an OGRID, you will also be prompted for a Client ID for security – SOS Consulting will have already provided this to its clients.)*

Note: The unique Document Access Code is provided in your 'Notice Letter to Affected Parties'.



4

Click the **'Continue'** button and your document will open – click on the thumbnail image and you can **'View'** or **'Download'** the document.

**Any number of users in your organization may use the same Document Access Code after signing in with their email address!**

# C-108 - Item XIV

## Proof of Notice (Certified Mail Receipts)

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Carlsbad, NM 88220

**OFFICIAL USE**

Certified Mail Fee	\$4.85
Extra Services & Fees (check box, add fee as appropriate)	\$4.10
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$0.73
<b>Total Postage and Fees</b>	<b>\$7.68</b>

0351 06  
Postmark Here  
04/24/2025

Sent To  
Street and  
City, State,  
PS Form 3800, April 2014

**JOE L. & JANET S. COX**  
130 Cougar Road  
Carlsbad, NM 88220

7018 2290 0001 2038 9156

**U.S. Postal Service™**  
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Roswell, NM 88202

**OFFICIAL USE**

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Extra Services & Fees (check box, add fee as appropriate)	\$4.10
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$0.73
<b>Total Postage and Fees</b>	<b>\$7.68</b>

0351 06  
Postmark Here  
04/24/2025

Sent To  
Street and  
City, State,  
PS Form 3800, April 2014

**PENASCO PETROLEUM, LLC**  
P.O. Box 2292  
Roswell, NM 88202

7018 2290 0001 2038 9163

**CERTIFIED MAIL® RECEIPT**  
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Artesia, NM 88211

**OFFICIAL USE**

Certified Mail Fee	\$4.85
Extra Services & Fees (check box, add fee as appropriate)	\$4.10
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$0.73
<b>Total Postage and Fees</b>	<b>\$7.68</b>

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Postmark Here  
04/24/2025

Sent To  
Street and  
City, State,  
PS Form 3800, April 2014

**CHASE OIL CORPORATION**  
P.O. Box 1767  
Artesia, NM 88211

7018 2290 0001 2038 9170

**CERTIFIED MAIL® RECEIPT**  
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Artesia, NM 88211

**OFFICIAL USE**

Certified Mail Fee	\$4.85
Extra Services & Fees (check box, add fee as appropriate)	\$4.10
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$0.73
<b>Total Postage and Fees</b>	<b>\$7.68</b>

0351 06  
Postmark Here  
04/24/2025

Sent To  
Street and  
City, State,  
PS Form 3800, April 2014

**B&G ROYALTIES ET AL**  
P.O. Box 127  
Artesia, NM 88211  
Lakewood

7018 2290 0001 2038 9200

**CERTIFIED MAIL® RECEIPT**  
*Domestic Mail Only*

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

Tyler, TX 75710

**OFFICIAL USE**

Certified Mail Fee	\$4.85
Extra Services & Fees (check box, add fee as appropriate)	\$4.10
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$0.73
<b>Total Postage and Fees</b>	<b>\$7.68</b>

0351 06  
Postmark Here  
04/24/2025

Sent To  
Street and  
City, State,  
PS Form 3800, April 2014

**FAIR OIL LIMITED**  
P.O. Box 689  
Tyler, TX 75710

### C-108 - Item XIV

Proof of Notice (Certified Mail Receipts – cont.)

7018 2290 0001 2038 9194

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Midland, TX 79701

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Certified Mail Fee	\$4.85	0351 06
Extra Services & Fees (check box, add fee as appropriate)	\$4.10	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	Postmark Here
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	
<input type="checkbox"/> Adult Signature Required	\$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	
Postage	\$0.73	04/24/2025
<b>Total Postage and Fees</b>	<b>\$9.68</b>	
Sent To		
Street and Ap		
City, State, Zi		
PS Form 380		

OXY USA, INC.  
P.O. Box 50250  
Midland, TX 79710-0250

7018 2290 0001 2038 9187

**U.S. Postal Service™  
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Artesia, NM 88211

**OFFICIAL USE**

Certified Mail Fee	\$4.85	0351 06
Extra Services & Fees (check box, add fee as appropriate)	\$4.10	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	Postmark Here
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	
<input type="checkbox"/> Adult Signature Required	\$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	
Postage	\$0.73	04/24/2025
<b>Total Postage and Fees</b>	<b>\$9.68</b>	
Sent To		
Street and A		
City, State,		
PS Form 3		

NIX & SHARBRO ENERGY LLC  
& YATES INDUSTRIES LLC  
P.O. Box 840  
Artesia, NM 88211

7018 2290 0001 2038 9217

**U.S. Postal Service™  
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For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

Houston, TX 77252

**OFFICIAL USE**

Certified Mail Fee	\$4.85	0351 06
Extra Services & Fees (check box, add fee as appropriate)	\$4.10	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	Postmark Here
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	
<input type="checkbox"/> Adult Signature Required	\$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	
Postage	\$0.73	04/24/2025
<b>Total Postage and Fees</b>	<b>\$9.68</b>	
Sent To		
Street and,		
City, State,		
PS Form 3		

CONOCOPHILLIPS CO.  
P.O. Box 2197, W13 3046  
Houston, TX 77252

7018 2290 0001 2038 9224

**U.S. Postal Service™  
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For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

Santa Fe, NM 87504

**OFFICIAL USE**

Certified Mail Fee	\$4.85	0351 06
Extra Services & Fees (check box, add fee as appropriate)	\$4.10	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	Postmark Here
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	
<input type="checkbox"/> Adult Signature Required	\$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	
Postage	\$0.73	04/24/2025
<b>Total Postage and Fees</b>	<b>\$9.68</b>	
Sent To		
Street an		
City, Stat		
PS Form		

NEW MEXICO STATE LAND OFFICE  
Oil, Gas and Minerals Division  
310 Old Santa Fe Trail  
Santa Fe, NM 87504 87501

# USPS Tracking®

FAQs >

Tracking Number:

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## 70182290000120389149

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Your item was picked up at the post office at 12:32 pm on May 2, 2025 in CARLSBAD, NM 88220.

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CARLSBAD, NM 88220

May 2, 2025, 12:32 pm

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[What Do USPS Tracking Statuses Mean? \(https://faq.usps.com/s/article/Where-is-my-package\)](https://faq.usps.com/s/article/Where-is-my-package)

See More ∨

Tracking Number:

Remove X

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### Latest Update

Your item was picked up at the post office at 10:14 am on April 29, 2025 in ROSWELL, NM 88201.

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Delivered, Individual Picked Up at Post Office

ROSWELL, NM 88201

April 29, 2025, 10:14 am

See All Tracking History

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Tracking Number:

Remove X

**70182290000120389163**

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### Latest Update

Your item was picked up at the post office at 11:09 am on April 28, 2025 in ARTESIA, NM 88210.

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ARTESIA, NM 88210  
April 28, 2025, 11:09 am

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See More ∨

Tracking Number:

Remove X

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### Latest Update

Your item was picked up at the post office at 1:10 pm on April 28, 2025 in ARTESIA, NM 88210.

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### Delivered

Delivered, Individual Picked Up at Post Office

ARTESIA, NM 88210  
April 28, 2025, 1:10 pm

See All Tracking History

[What Do USPS Tracking Statuses Mean?](https://faq.usps.com/s/article/Where-is-my-package) (<https://faq.usps.com/s/article/Where-is-my-package>)

See More ∨

Tracking Number:

Remove X

**70182290000120389187**

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### Latest Update

Your item was picked up at the post office at 10:51 am on April 28, 2025 in ARTESIA, NM 88210.

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USPS Tracking Plus®

### Delivered

Delivered, Individual Picked Up at Post Office

ARTESIA, NM 88210  
April 28, 2025, 10:51 am

See All Tracking History

[What Do USPS Tracking Statuses Mean? \(https://faq.usps.com/s/article/Where-is-my-package\)](https://faq.usps.com/s/article/Where-is-my-package)

See More 

Tracking Number:

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# 70182290000120389194

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### Latest Update

Your item was picked up at a postal facility at 9:34 am on May 1, 2025 in MIDLAND, TX 79705.

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USPS Tracking Plus®

### Delivered

Delivered, Individual Picked Up at Postal Facility

MIDLAND, TX 79705  
May 1, 2025, 9:34 am

See All Tracking History

[What Do USPS Tracking Statuses Mean? \(https://faq.usps.com/s/article/Where-is-my-package\)](https://faq.usps.com/s/article/Where-is-my-package)

See More 

Tracking Number:

Remove 

# 70182290000120389217

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### Latest Update

Your item has been delivered to an agent. The item was picked up at USPS at 7:17 am on May 2, 2025 in HOUSTON, TX 77002.

Get More Out of USPS Tracking:

**USPS Tracking Plus®**

**Delivered to Agent**

Delivered to Agent, Picked up at USPS

HOUSTON, TX 77002

May 2, 2025, 7:17 am

[See All Tracking History](#)

[What Do USPS Tracking Statuses Mean? \(https://faq.usps.com/s/article/Where-is-my-package\)](https://faq.usps.com/s/article/Where-is-my-package)

[See More](#) ∨

Tracking Number:

[Remove](#) ✕

**70182290000120389224**

[Copy](#)

[Add to Informed Delivery \(https://informedelivery.usps.com/\)](https://informedelivery.usps.com/)

**Latest Update**

Your item was picked up at a postal facility at 7:55 am on May 1, 2025 in SANTA FE, NM 87501.

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**USPS Tracking Plus®**

**Delivered**

Delivered, Individual Picked Up at Postal Facility

SANTA FE, NM 87501

May 1, 2025, 7:55 am

[See All Tracking History](#)

[What Do USPS Tracking Statuses Mean? \(https://faq.usps.com/s/article/Where-is-my-package\)](https://faq.usps.com/s/article/Where-is-my-package)

[See More](#) ∨

Track Another Package

Enter tracking or barcode numbers

**Need More Help?**

Contact USPS Tracking support for further assistance.

[FAQs](#)

**ben sosconsulting.us**

---

**From:** Amanda Warlick <amanda.warlick@fairoil.com>  
**Sent:** Wednesday, April 30, 2025 8:13 AM  
**To:** ben sosconsulting.us  
**Subject:** RE: Rubicon Oil and Gas LLC; Lakewood 21 SWD #1; Application for Authority to Inject.

Good morning,

Thank you for your help. I really appreciate it!  
Sincerely,

*Amanda Warlick*  
Production Department  
Fair Oil, LTD.  
903-510-6530  
amanda.warlick@fairoil.com

---

**From:** ben sosconsulting.us <ben@sosconsulting.us>  
**Sent:** Tuesday, April 29, 2025 2:44 PM  
**To:** Amanda Warlick <amanda.warlick@fairoil.com>  
**Cc:** Rodney Thomson <rodney.thomson@fairoil.com>; Production Fair <production@fairoil.com>  
**Subject:** RE: Rubicon Oil and Gas LLC; Lakewood 21 SWD #1; Application for Authority to Inject.

Good afternoon,

I have just posted the 'Placeholder' file on our site. I've attached it here for your convenience.

Please note, there are still a couple of exhibits that need to be completed and inserted before this is filed with the NMOCD. However, there is plenty of information contained in this file for your staff to understand Rubicon's proposal for the SWD.

Please let me know if you have any questions – as mentioned, the final application should be posted by next week, perhaps Tuesday or Wednesday.

Thanks very much,  
Ben



**Ben Stone, Partner**  
**127 Teena Lane**  
**Livingston, TX 77351**  
C: 903-335-3368  
O: 936-376-5950

Visit us on the web at [www.sosconsulting.us](http://www.sosconsulting.us)

**CONFIDENTIALITY NOTICE:** This message is confidential and may be privileged. If you believe that this email has been sent to you in error, please reply to the sender that you received the message in error; then please delete this e-mail. Thank you.

**From:** ben sosconsulting.us  
**Sent:** Tuesday, April 29, 2025 11:00 AM  
**To:** 'Amanda Warlick' <[amanda.warlick@fairoil.com](mailto:amanda.warlick@fairoil.com)>  
**Cc:** Rodney Thomson <[rodney.thomson@fairoil.com](mailto:rodney.thomson@fairoil.com)>; Production Fair <[production@fairoil.com](mailto:production@fairoil.com)>  
**Subject:** RE: Rubicon Oil and Gas LLC; Lakewood 21 SWD #1; Application for Authority to Inject.

Good morning, Amanda,

Thanks for trying it out! Unfortunately, you were a little too quick for me – I haven't yet posted the draft. It should be up by tomorrow. The whole C-108 application probably won't be filed until later next week sometime.

I always get the notices out early as I continue to work on other parts of the application package. We ran up to a funeral in Wichita Falls on Friday, so I got a couple of days behind.

As soon as I have the draft ready, I'm happy to email you a PDF directly as requested.

Thanks so much,

Ben



**Ben Stone, Partner**  
**127 Teena Lane**  
**Livingston, TX 77351**

C: 903-335-3368  
O: 936-376-5950

Visit us on the web at [www.sosconsulting.us](http://www.sosconsulting.us)

**CONFIDENTIALITY NOTICE:** This message is confidential and may be privileged. If you believe that this email has been sent to you in error, please reply to the sender that you received the message in error; then please delete this e-mail. Thank you.

**From:** Benjamin Stone <[info@sosconsulting.us](mailto:info@sosconsulting.us)>  
**Sent:** Tuesday, April 29, 2025 10:52 AM  
**To:** ben sosconsulting.us <[ben@sosconsulting.us](mailto:ben@sosconsulting.us)>  
**Subject:** FW: Rubicon Oil and Gas LLC; Lakewood 21 SWD #1; Application for Authority to Inject.

**From:** Amanda Warlick <[amanda.warlick@fairoil.com](mailto:amanda.warlick@fairoil.com)>  
**Sent:** Monday, April 28, 2025 4:52 PM  
**To:** Benjamin Stone <[info@sosconsulting.us](mailto:info@sosconsulting.us)>  
**Cc:** Rodney Thomson <[rodney.thomson@fairoil.com](mailto:rodney.thomson@fairoil.com)>; Production Fair <[production@fairoil.com](mailto:production@fairoil.com)>  
**Subject:** Rubicon Oil and Gas LLC; Lakewood 21 SWD #1; Application for Authority to Inject.

To Whom It May Concern,

We are in receipt of your CMRRR dated April 24, 2025, regarding the Lakewood 21 SWD #1 operated by Rubicon Oil and Gas, LLC and their Application for Authority to Inject. The letter invited us to visit the SOS Client & Affected Party Portal and enter in our Document Access Code. Unfortunately, the portal found no document for us to review. Is there a way for us to be sent via email the aforementioned Application? Please advise. Thank you.

Sincerely,

***Amanda Warlick***

Production Department

Fair Oil, LTD.

903-510-6530

[amanda.warlick@fairoil.com](mailto:amanda.warlick@fairoil.com)

# Affidavit of Publication

# Copy of Publication:

No. 44960

State of New Mexico Publisher

County of Eddy:

**Dave Shabaz**

being duly sworn, says that he is the **Publisher**

of the Artesia Daily Press, a weekly newspaper of General

circulation, published in English at Artesia,

said county and state, and that the hereto attached

### Legal Ad

was published in a regular and entire issue of the said

Artesia Daily Press, a weekly newspaper duly qualified

for that purpose within the meaning of Chapter 167 of

the 1937 Session Laws of the state of New Mexico for

1 Consecutive weeks/day on the same

day as follows:

First Publication April 24, 2025

Second Publication \_\_\_\_\_

Third Publication \_\_\_\_\_

Fourth Publication \_\_\_\_\_

Fifth Publication \_\_\_\_\_

Sixth Publication \_\_\_\_\_

Seventh Publication \_\_\_\_\_

Eighth Publication \_\_\_\_\_

Subscribed and sworn before me this

24th day of April 2025

LATISHA ROMINE  
Notary Public, State of New Mexico  
Commission No. 1076338  
My Commission Expires  
05-12-2027

Latisha Romine  
Notary Public, Eddy County, New Mexico

### LEGAL NOTICE

Rubicon Oil and Gas, LLC, 400 W. Wall Street, Suite 300, Midland, Texas, 79701, is filing Form C-108 (Application for Authority to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for a salt water disposal well. The proposed well is the Lakewood 21 SWD No.1, (API 30-015-35687) is located 1980' FSL and 1200 FWL, Section 21, Township 19 South, Range 26 East, Eddy County, New Mexico. Produced water from area production will be commercially disposed into the Canyon [Upper Penn] formation at a depth of 7,850' to 8,160' at a maximum surface pressure of 1570 psi with a maximum daily rate of 5,500 bwpd and an average daily rate of 3,500 bwpd. The proposed SWD well is located approximately 13.6 miles south of Artesia, NM.

Interested parties wishing to object to the proposed application must file with the New Mexico Oil Conservation Division, 1220 St. Francis Dr., Santa Fe, NM 87505, (505)476-3460 within 15 days of the filing of the application which is expected 10 days from the date of this notice. Additional information may be obtained from the applicant's agent, SOS Consulting, LLC, (936)367-5950 or, email info@sosconsulting.us.

44960-Published in Artesia Daily Press April 24, 2025.

<b>C-102</b>  Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	Revised July 9, 2024
	Submittal Type: <input type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled	

**WELL LOCATION INFORMATION**

API Number <b>30-015-35687</b>	Pool Code <b>96184</b>	Pool Name <b>SWD; Canyon</b>
Property Code <b>TBD</b>	Property Name <b>Lakewood 21 SWD</b>	
OGRID No. <b>194266</b>	Operator Name <b>Rubicon Oil and Gas, LLC</b>	Well Number <b>1</b>
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Ground Level Elevation <b>3228'</b>
		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

**Surface Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
L	21	19S	26E		1980' FSL	1200' FWL	32.644000	-104.390898	Eddy

**Bottom Hole Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	same								

Dedicated Acres <b>n/a</b>	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.	<b>SWD-pending</b>		Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

**Kick Off Point (KOP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County

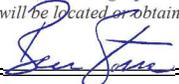
**First Take Point (FTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County

**Last Take Point (LTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County

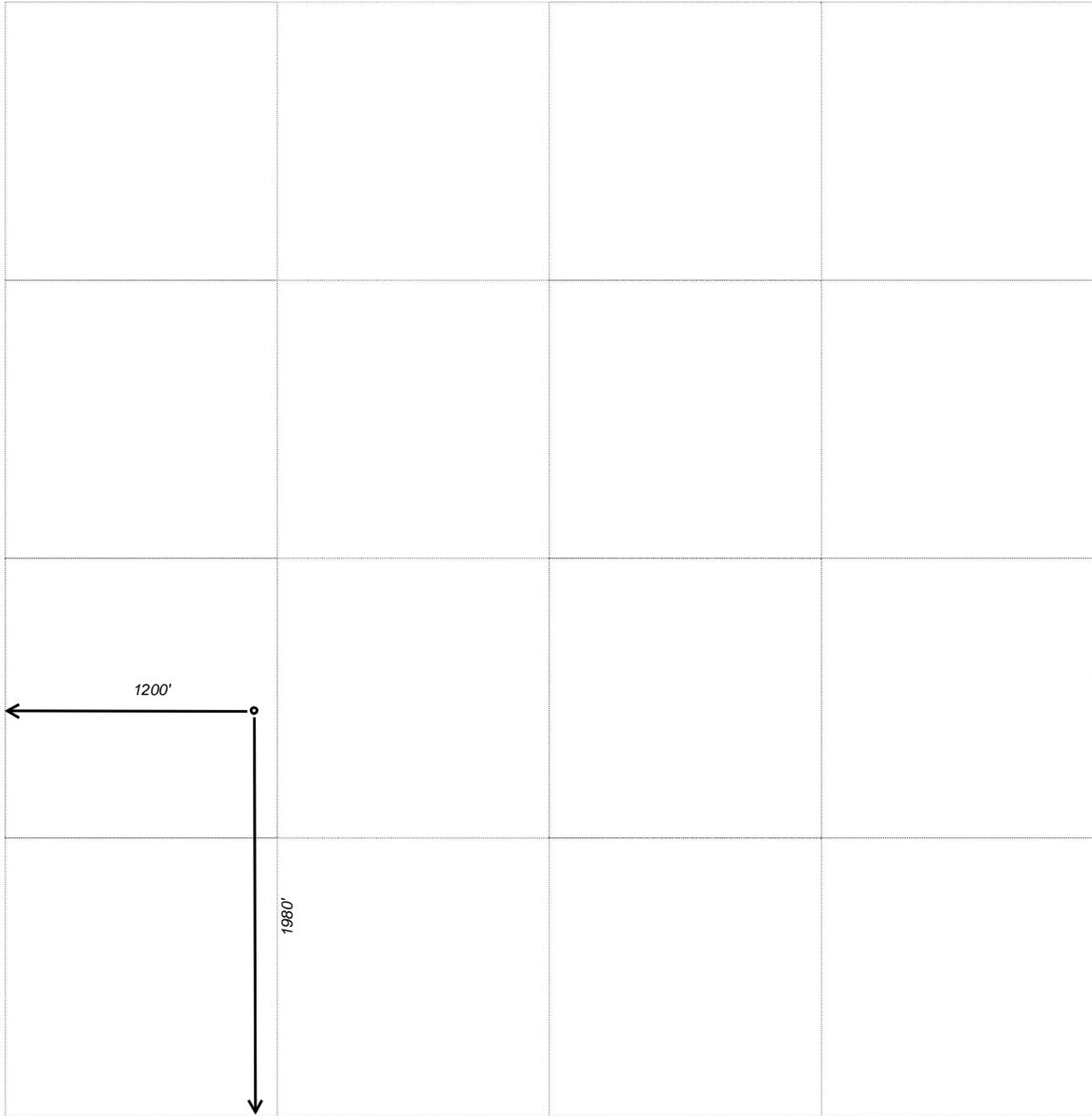
Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
---	---	-------------------------

<p><b>OPERATOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i></p> <p style="text-align: right;"> <b>4/29/2025</b></p>	<p><b>SURVEYOR CERTIFICATIONS</b></p> <p><i>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.</i></p> <p style="text-align: center;"><b>Ronald J. Eidson</b></p>	
Signature <b>Ben Stone</b>	Signature and Seal of Professional Surveyor	
Date	Certificate Number <b>3239</b>	Date of Survey <b>June 15, 2007</b>
Printed Name <b>ben@sosconsulting.us</b>		
Email Address		

*Note: 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.*

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.





### WELL SCHEMATIC - PROPOSED Lakewood 21 SWD No.1

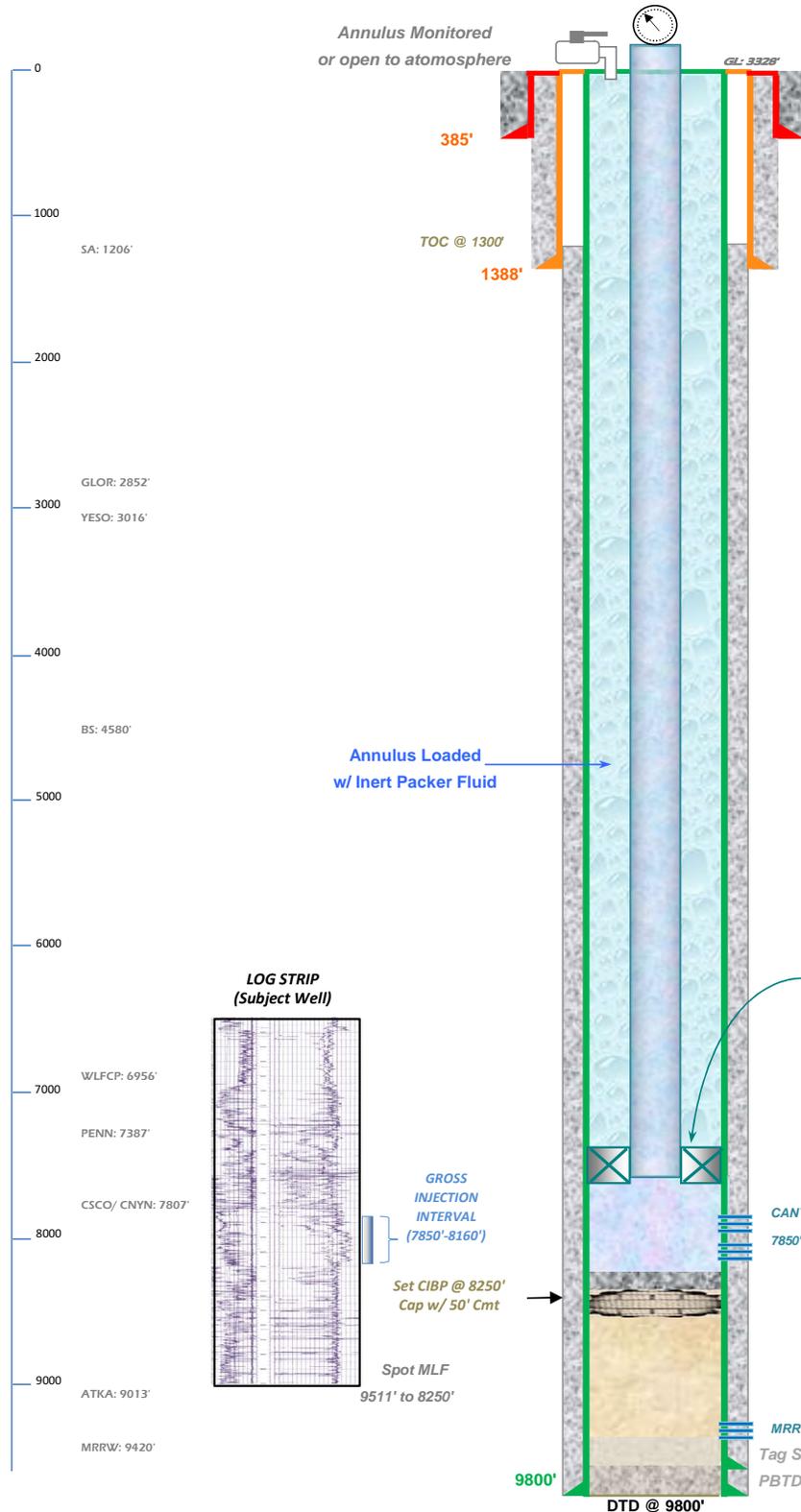
SWD; Canyon (96184)

API 30-015-35687

1980' FSL & 1200' FWL, SEC. 21-T19S-R26E  
EDDY COUNTY, NEW MEXICO

Spud Date: 7/19/2007

Re-Config SWD Dt (Est): -8/15/2025



Injection Pressure Regulated and Volumes Reported  
1570 psi Max. Surface (0.2 psi/ft)

**Surface Casing**

13.375", 54.5# K-55 STC Csg. (17.5" Hole) @ 385'  
490 sx - Circulated 53 sx to Surface

**Intermediate Casing**

9.625", 35.0# K-55 LTC Csg. (12.25" Hole) @ 1388'  
950 sx - Circulated to Surface

### RUBICON OIL AND GAS, LLC

Recomplete to Canyon Interval for SWD:  
Spot heavy MLF to 9511' to 8250'.  
Set CIBP @ 8250', Cap w/ 50' Cmt.  
Perforate Specific Intervals as shown and acidize.  
Run IPC Tubing and PKR - Conduct Witnessed MIT.  
Commence Disposal Operations.

Drawn by: Ben Stone, 4/20/2025



## **C-108 ITEM XIII – PROOF OF NOTIFICATION**

### IDENTIFICATION AND NOTIFICATION OF AFFECTED PARTIES

#### **Exhibits for Section**

Affected Parties Map

List of Affected Parties

Notification Letter to Affected Parties

Proof of Certified Mailing

Proof of Return Receipts

Affidavit Published Legal Notice

## **C-108 - Items III, IV, V**

### **Item III - Subject Well Data**

Wellbore Diagram - CURRENT  
Wellbore Diagram – PROPOSED

### **Item IV – Tabulation of AOR Wells**

2 Wells Penetrate the Proposed Injection Interval, 1 P&A  
(P&A Diagram Attached)

### **Item V – Area of Review Maps**

1. Two Mile AOR Map with One-Mile Fresh Water Well Radius
2. One-Half Mile AOR Map

All Above Exhibits follow this page.

### Form C-108 Item VI - Tabulation of AOR Wells

Top of Proposed CANYON [Upper Penn] Interval 7,850'

2 Wells Penetrate Proposed Interval.

API	Current Operator	Well Name	Type	Status	ULSTR	Lease	Spud Dt.	Depth (V)	Plug Dt.
<u>Subject Well</u>									
30-015-35687	RUBICON OIL & GAS, LLC	LAKEWOOD 21-1 #001	Gas	Active	L-21-19S-26E	State	7/18/2007	9800	n/a
<u>AOR Wells</u>									
30-015-36047	RUBICON OIL & GAS, LLC	LAKEWOOD 21 #002	Gas	Active	J-21-19S-26E	Private	1/23/2008	9,960	n/a
<i>FOUR MILE DRAW; MORROW (Gas), Perfs: 9,500'-9,600'; 13-3/8" @ 380' w/450sx, 4.5" @ 9,900' w/900sx, PBTD @ 9,834', 2-3/8" @ 9,390'; TOC= 1,200 Calc., Lst Prd Feb 2025</i>									
30-015-36320	WESTERN RESERVES OIL CO INC	LAKE MCMILLAN 21 #002	Gas	P&A-R	G-21-19S-26E	Private	7/15/2008	9,780	8/14/2015
<i>P&amp;A Diagram Included...</i>									

**SUMMARY: 2 wells penetrate the proposed disposal interval, 1 P&A well penetrates.**



## **C-108 ITEM VII – PRODUCED WATER ANALYSES**

### **Item VII.4 – Water Analysis of Source Zone Water**

Glorieta/ Yeso  
Bone Spring

### **Item VII.5 – Water Analysis of Disposal Zone Water**

Cisco/ Canyon

**Water Analyses follow this page.**

e-Permitting  
C-108 Submittal

Attachment Category

Seismicity Analysis

For High Volume Devonian Wells

**(NOT APPLICABLE TO THIS APPLICATION)**

## C-108 ITEM VII – PROPOSED OPERATION

The Lakewood 21 SWD #1 will be operated as a private disposal well to service Rubicon Oil and Gas area operations. Source and disposal zone formation waters are compatible (*representative analyses of several zones are included herein*).

*Note: The cost to dispose of produced water via trucking has become cost prohibitive and if continued, would certainly reduce lease economics and create waste by unnecessary trucking costs including fuel. The average daily rate of this SWD would eliminate approximately two dozen transport truck trips per day. Converting this well to lease disposal will allow the operator to maintain sufficient in-house disposal volume and continue economic viability for their operated wells in the area. The well will not be open for commercial disposal from other operators' leases.*

The system will be closed utilizing a small tank battery and injection pump facility on site with flowlines from the serviced wells. The tanks and associated equipment are inside an appropriate lined berm area to contain 150% of the largest tank volume.

Injection pressure will be 1570 psi (0.2 psi/ft) with a maximum rate of 5500 bwpd. Average daily rate is expected to be 3500 bwpd or less.

Routine maintenance will be ongoing, and any releases will be reported within 24 hours to OCD on form C-141 pursuant to various portions of 19.15.29 and 30 NMAC. Remediation would commence immediately upon assessment and planning to include all required documentation and reporting.

The facility will not be manned but will be available for inspections at any time deemed necessary by OCD.

# Affidavit of Publication

# Copy of Publication:

No. 44960

State of New Mexico Publisher

County of Eddy:

**Dave Shabaz**

being duly sworn, says that he is the **Publisher**

of the Artesia Daily Press, a weekly newspaper of General

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Fourth Publication \_\_\_\_\_

Fifth Publication \_\_\_\_\_

Sixth Publication \_\_\_\_\_

Seventh Publication \_\_\_\_\_

Eighth Publication \_\_\_\_\_

Subscribed and sworn before me this

24th day of April 2025

LATISHA ROMINE
Notary Public, State of New Mexico
Commission No. 1076338
My Commission Expires
05-12-2027

*Latisha Romine*

Latisha Romine

Notary Public, Eddy County, New Mexico

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44960-Published in Artesia Daily Press April 24, 2025.

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 460065

**CONDITIONS**

Operator: RUBICON OIL & GAS, LLC 400 W Wall St. Midland, TX 79701	OGRID: 194266
	Action Number: 460065
	Action Type: [C-108] Fluid Injection Well (C-108)

**CONDITIONS**

Created By	Condition	Condition Date
erica.gordan	None	5/13/2025