

ABOVE THIS LINE FOR DIVISION USE ONLY

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



**ADMINISTRATIVE APPLICATION CHECKLIST**

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

**Application Acronyms:**

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

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A] Lakewood SWD #2 30-015-40718

[A] Location - Spacing Unit - Simultaneous Dedication Amendment to SWD-1509  
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

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

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

[D] Other: Specify \_\_\_\_\_

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

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

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

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

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

Chasity Jackson

Print or Type Name

Signature

Regulatory Analyst

Title

10/1/15

Date

cjackson@concho.com

e-mail Address

20-day clock  
starts w/ Affidavit  
of Publication  
SWD 1453-B  
-COPY

SWD-1509-A  
COG operating, LLC  
229137  
Pool  
SWD, Cisco  
96099



October 1, 2015

RECEIVED OOD

2015 OCT -8 P 12:31

Chasity Jackson  
COG Operating LLC  
One Concho Center  
600 W. Illinois Avenue  
Midland, TX 79701

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

*Look PG 25A  
to write  
Approval  
letter*

RE: Saltwater Disposal Application Amendment

Lakewood.SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD; Cisco 96099  
Eddy County, New Mexico

Mr. Goetze:

COG Operating LLC respectfully requests administrative approval to add perfs to the existing Administrative Order SWD-1509. Original perfs are from 7,908' to 8,000'. Additional perfs will be from 8,001' to 8,150'. I have attached an amended C-108 application.

Please contact me at 432-686-3087 or email at [cjackson@concho.com](mailto:cjackson@concho.com) if you need additional information.

Sincerely,

Chasity Jackson  
Regulatory Analyst  
COG Operating LLC

**APPLICATION FOR AUTHORIZATION TO INJECT**

- I. PURPOSE: Secondary Recovery Pressure Maintenance ☒ Disposal Storage  
Application qualifies for administrative approval? Yes No
- II. OPERATOR: **COG Operating, LLC.**  
ADDRESS: **One Concho Center, 600 West Illinois Ave, Midland, TX 79701**  
CONTACT PARTY: **Chasity Jackson** PHONE: **432-686-3087**
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.  
Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? Yes ☒ No  
If yes, give the Division order number authorizing the project: \_\_\_\_\_
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
  2. Whether the system is open or closed;
  3. Proposed average and maximum injection pressure;
  4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
  5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- \*VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- \*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- \*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- NAME: **Chasity Jackson** TITLE: **Regulatory Analyst**  
SIGNATURE: *Chasity Jackson* DATE: **10/1/15**  
E-MAIL ADDRESS: **cjackson@concho.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: Approved 12/1/14 SWD-1509

### III. WELL DATA

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

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

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

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

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

### XIV. PROOF OF NOTICE

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

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

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

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

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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.

## INJECTION WELL DATA SHEET

OPERATOR: **COG Operating, LLC.**WELL NAME & NUMBER: **Lakewood SWD #2**

WELL LOCATION: **1470' FNL; 1980' FWL**      **F**      **9**      **T19S**      **R26E**  
 FOOTAGE LOCATION      UNIT LETTER      SECTION      TOWNSHIP      RANGE

WELLBORE SCHEMATIC

\*Cement volumes will increase of those shown on this application to account for hole conditions unknown at this time.

WELL CONSTRUCTION DATASurface Casing (Existing)

Well: Lakewood SWD #2

Location: 1470 FNL; 1980 FWL, Sec 9  
 T19S, R26E, Eddy Co., NM

See WBD

9 5/8" @ 1,200'

Hole Size: **12 1/4"**      Casing Size: **9 5/8"**Cemented with: **400** sx.      or \_\_\_\_\_ ft<sup>3</sup>Top of Cement: **Surface**      Method Determined: **Circulate**Intermediate Casing (Existing)

Hole Size: \_\_\_\_\_      Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx.      or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_      Method Determined: \_\_\_\_\_

Production Casing (Existing)Hole Size: **8 3/4"**      Casing Size: **7"**Cemented with: **1,075** sx.      or \_\_\_\_\_ ft<sup>3</sup>Top of Cement: **Surface**      Method Determined: **Circulate**Total Depth: **8,426'**

(Existing Injection Interval SWD-1509)

7,908' - 8,000'

**(New)** Injection Interval**8,001** feet to **8,150****Interval perforated**

(Perforated or Open Hole; indicate which)

# INJECTION WELL DATA SHEET

Tubing Size: 3 1/2" EUE Lining Material: Internally plastic coated

Type of Packer: Double grip type, set in neutral

Packer Setting Depth: 7850'

Other Type of Tubing/Casing Seal (if applicable): N/A

## Additional Data

1. Is this a new well drilled for injection? \_\_\_\_\_ Yes **X** No

If no, for what purpose was the well originally drilled? \_\_\_\_\_

2. Name of the Injection Formation: Canyon

3. Name of Field or Pool (if applicable): SWD; Cisco 96099

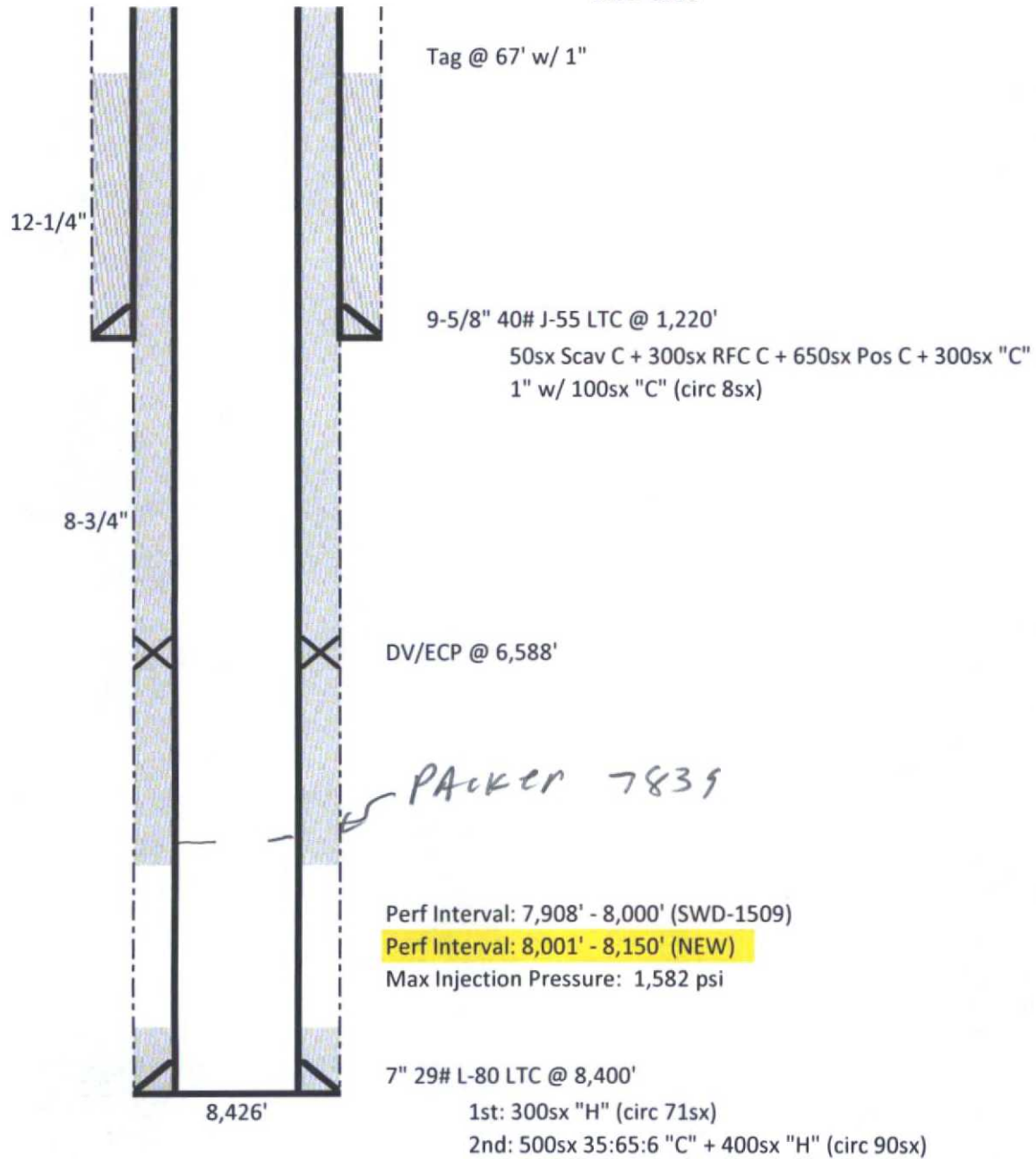
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. SWD-1509 Perf @ 7,908' - 8,000'.

Original permit did not cover all of canyon.

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: \_\_\_\_\_

Yeso formation at approx. 2,630'

Lakewood SWD #2  
1,470' FNL; 1,980' FWL  
Unit F, Sect 9, T19S, R26E, Eddy Co., NM  
API# 30-015-40718  
SWD-1509



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  
DISTRICT IV  
1220 S. 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, New Mexico 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-40718	Pool Code 96099	Pool Name SWD;Cisco
Property Code 39088	Property Name LAKEWOOD SWD	Well Number 2
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3341'

Surface Location

UL or lot No. F	Section 9	Township 19-S	Range 26-E	Lot Idn	Feet from the 1470	North/South line NORTH	Feet from the 1980	East/West line WEST	County EDDY
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Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

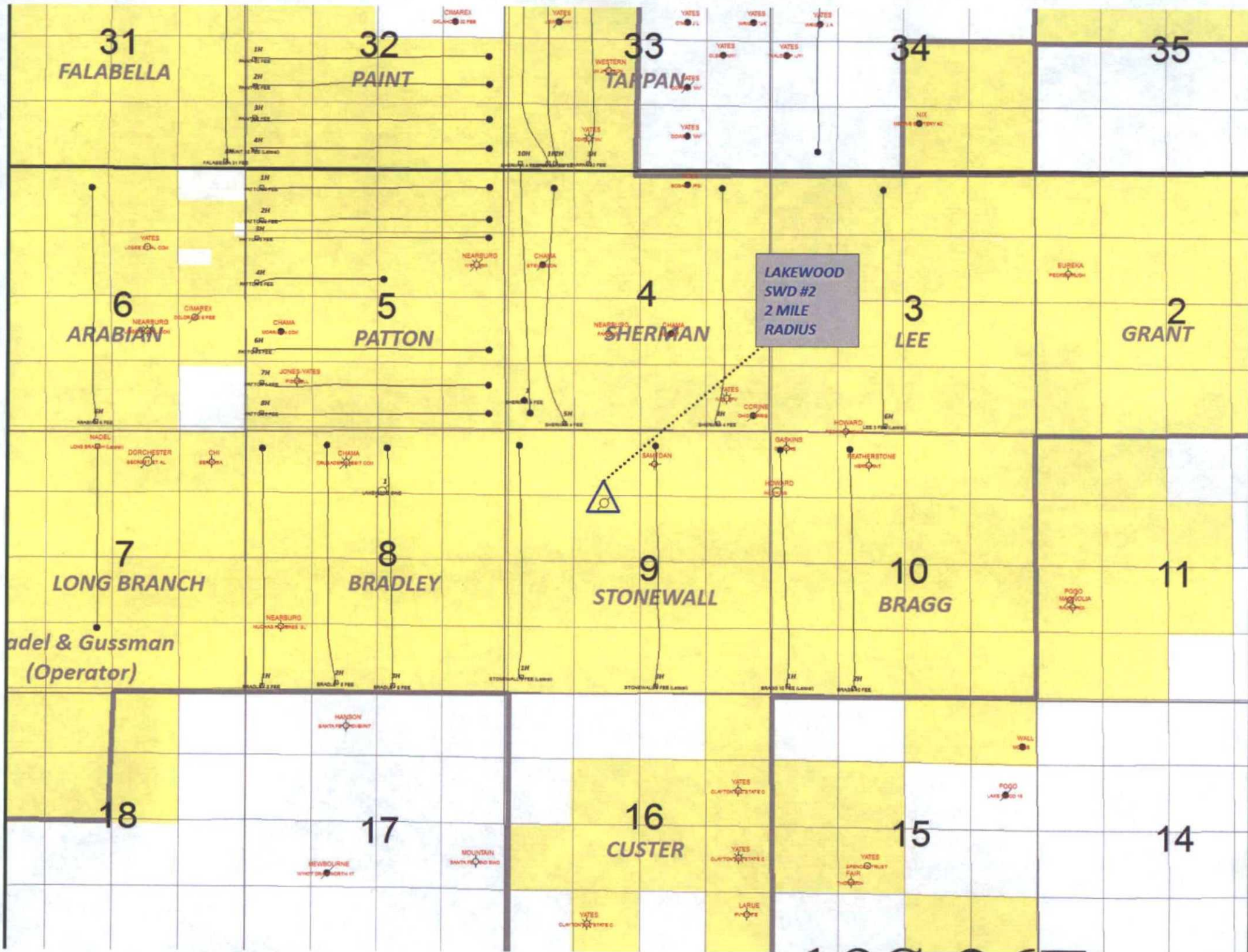
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><u>C. Jackson</u> 10/1/15 Signature Date</p> <p>Chasity Jackson Printed Name</p> <p>cjackson@concho.com E-mail Address</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>MARCH 01, 2012</p> <p>Date of Survey</p> <p>Signature &amp; Seal of Professional Surveyor:</p>
	<p>GEODETIC COORDINATES NAD 27 NME</p> <p>SURFACE LOCATION Y=610517.8 N X=483009.6 E</p> <p>LAT.=32.678401° N LONG.=104.388552° W</p>
	<p>Certificate Number Gary G. Eidson 12641 Ronald J. Eidson 3239</p> <p>ACR JWSC W.O.: 12.11.0269</p>









VI.

## **Lakewood SWD #2**

### **Wells within Area of Review that penetrate proposed disposal interval:**

None.

### **Plugged Wells within Area of Review:**

API# 30-015-21319

Well Name: Nix

Property Number: 1

Location: B-9-19S-26E, 660 FNL & 2310 FEL

Lat: 32.6807507822 Long: -104.385930072

Operator: Samedan Oil Corp

County: Eddy

Well Type: Oil

The well above is located approximately ¼ mile away within the Area of Review. This well has a plug set in the open hole at 6500 feet and another plug at 8745 feet. Within this 6500 to 8745 feet depth range are the Wolfcamp formation and the Upper Pennsylvanian formations down to the top of the Strawn formation. COG believes re-entering and re-plugging this well is not necessary since the proposed disposal depths have much higher permeability and will preferentially take the disposed waters and these waters will not endanger mineral recovery from vertically adjacent formations. COG Operating LLC will cement to surface the long string of our proposed SWD Well. This cementing will also preclude movement of disposal fluids outside of the applied for disposal interval.

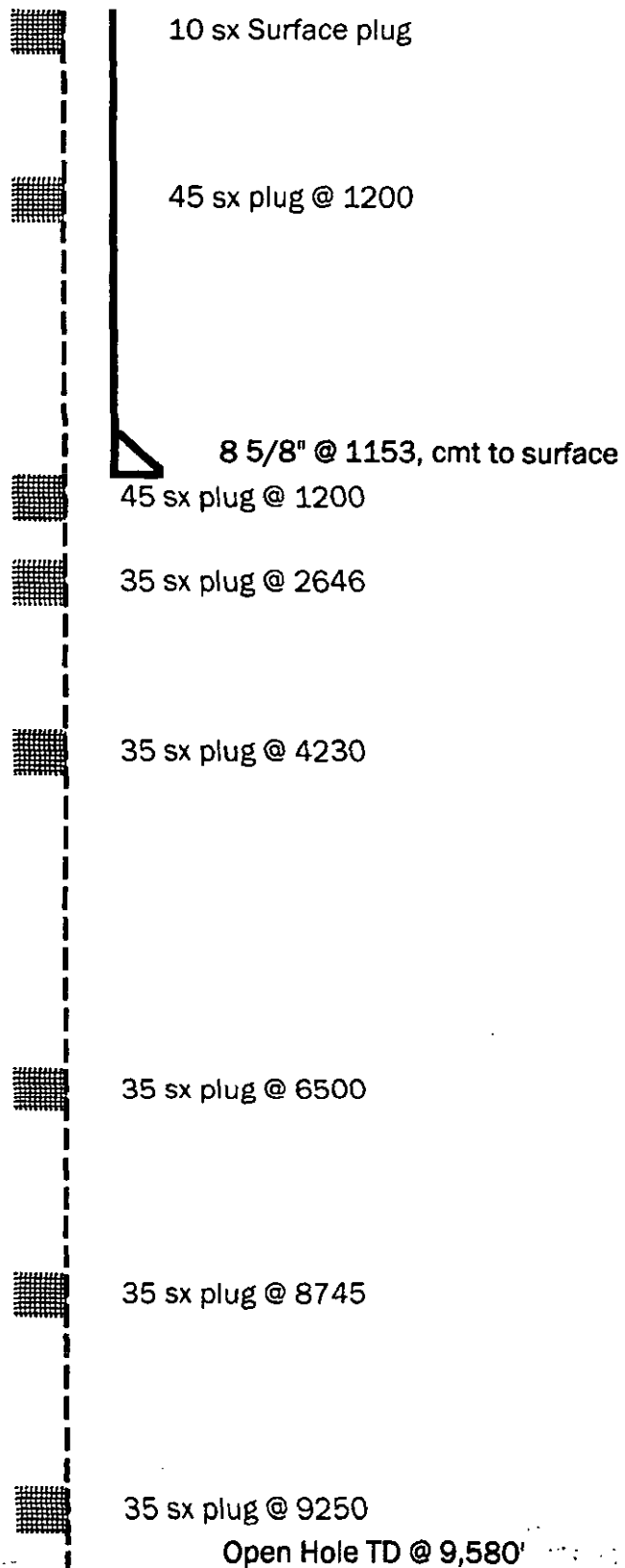
Please see attached wellbore diagram and cross section.

COG SENM SWD

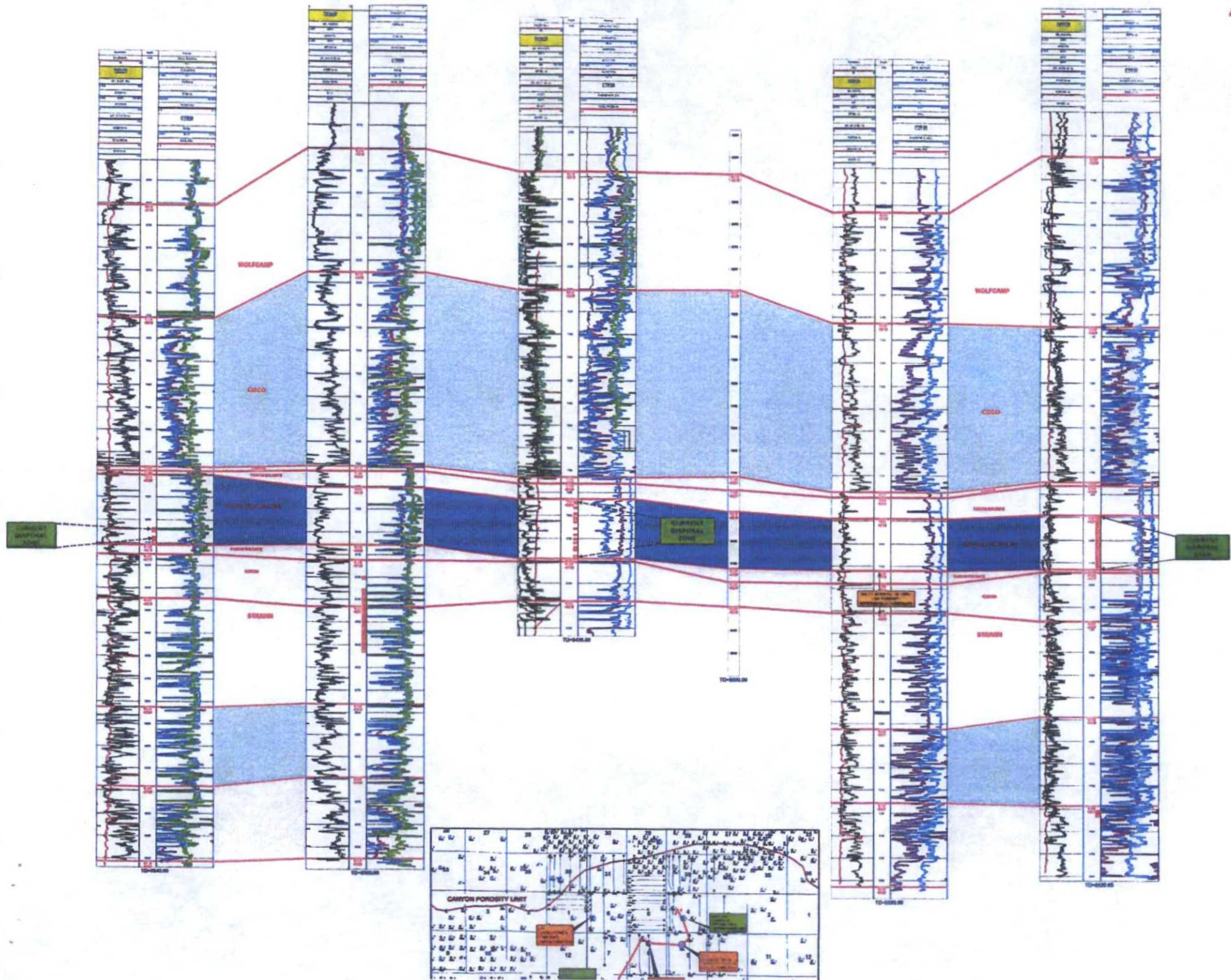
Well: Samedan Oil Corp.

Location: B-9-19S, 26E, 660 FNL; 2310 FEL, Eddy Co. NM

API: 30-015-21319







VII.

COG Operating, LLC  
Lakewood SWD #2  
API# 30-015-40718  
Sec 9, T19S, R26E, Unit F  
1,470' FNL & 1,980' FWL  
Eddy County, NM

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
  - **Average daily rate/volume 10,000 to 15,000 BWPD, Maximum daily rate/volume 20,000 BWPD**
2. Whether the system is open or closed;
  - **Closed System**
3. Proposed average and maximum injection pressure;
  - **Average injection pressure - Vacuum, Maximum injection pressure 1582 psig**
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than re-injected produced water; and,
  - **Produced water from the Yeso formation.**
  - **We do not anticipate incompatibility issues because we currently have similar SWD wells in the area that dispose of Yeso produced water in the Cisco.**
  - **Existing Canyon SWD wells: Lakewood SWD #1 (30-015-40717); Lakewood SWD #4 (30-015-26270)**
  - **Please see attached Yeso produced water analysis. (Lakewood SWD #1)**
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.).
  - **N/A - This well is on Vacuum and does not produce.**



Catalyst Oilfield Services  
11999 E Hwy 158  
Gardendale, TX 79758  
(432) 563-0727  
Fax: (432) 224-1038

## Water Analysis Report

Customer:	COG Operating LLC - NM	Sample #:	11945
Area:	Artesia	Analysis ID #:	13687
Lease:	Lakewood SWD		
Location:	#1		0
Sample Point:			

		Anions		Cations	
		mg/l	meq/l	mg/l	meq/l
Sampling Date:	3/4/2013	Chloride:	113841.8	Sodium:	68210.0
Analysis Date:	3/6/2013	Bicarbonate:	329.4	Magnesium:	955.1
Analyst:	Catalyst	Carbonate:		Calcium:	3785.0
TDS (mg/l or g/m3):	190610.9	Sulfate:	2300.0	Potassium:	1111.0
Density (g/cm3):	1.129			Strontium:	78.6
				Barium:	0.0
Hydrogen Sulfide:	120			Iron:	0.0
Carbon Dioxide:	160			Manganese:	0.000
Comments:		pH at time of sampling:	6.7		
		pH at time of analysis:			
		pH used in Calculation:	6.7		
		Temperature @ lab conditions (F):	75	Conductivity (micro-ohms/cm):	198100
				Resistivity (ohm meter):	.0505

### Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl

Temp	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> *2H <sub>2</sub> O		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>	
	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount
°F										
80	0.58	20.68	-0.10	0.00	-0.08	0.00	-0.13	0.00	0.00	0.00
100	0.64	24.18	-0.18	0.00	-0.09	0.00	-0.16	0.00	0.00	0.00
120	0.70	27.68	-0.25	0.00	-0.08	0.00	-0.17	0.00	0.00	0.00
140	0.76	31.76	-0.31	0.00	-0.05	0.00	-0.18	0.00	0.00	0.00
160	0.81	35.83	-0.36	0.00	0.01	13.40	-0.18	0.00	0.00	0.00
180	0.86	39.91	-0.40	0.00	0.08	137.22	-0.18	0.00	0.00	0.00
200	0.92	44.28	-0.43	0.00	0.16	266.57	-0.17	0.00	0.00	0.00
220	0.98	48.94	-0.47	0.00	0.25	392.13	-0.16	0.00	0.00	0.00

**Exhibit VIII**  
**Geological Review**  
**Ground Water Sources**  
**Lakewood Area**  
**Eddy County, New Mexico**

The interval under consideration for disposal operations includes the Pennsylvanian age Canyon formation, located on the Northwest Shelf of the Delaware Basin in the western part of the Permian Basin. The Canyon formation consists of highly porous and permeable carbonate rock. There is no productive Canyon in this area and typically goes on vacuum with hydrostatic pressure.

The disposal interval will be the following:

Lakewood SWD #2 (Canyon)

- Canyon: 8,001 – 8,150' TVD

The Lakewood SWD #2 is a proposed new drill that will be drilled to a total measured depth of 8,400'. This will be sufficient depth to open log the disposal interval.

Ground water in Eddy County is obtained from porous and permeable aquifers in consolidated rocks of the Upper Permian and Triassic age and in relatively unconsolidated sediments of Tertiary and Quaternary age.



The Triassic System overlies the Rustler formation in Eddy County and is composed of red beds and sandstones of the Dockum group. The lower part of these beds is considered Permian and correlated with Dewey Lake red beds by some geologists. The total thickness of the Dockum group east of Artesia is about 1,000'. Formations of the Dockum group exposed in Eddy County are the Pierce Canyon red beds, the Santa Rosa sandstone and red beds possibly from the Chinle formation.

In the Empire, Empire East, Loco Hills, and Fren Fields, the sandstone beds in the Triassic Dockum group and possibly in the Dewey Lake red beds are the chief sources of ground water. The depth to water in this area is generally less than 300'. Most of the wells in the outcrop area of the Dockum group yield water of better quality than the wells to the west that produce from the Rustler formation. Analyses were made of 21 samples of water from wells probably taking all or part of their water from the Triassic red beds. The hardness of calcium carbonate in the 21 samples ranged from 201 to 3,590 ppm and was more than 1,000 ppm in 14 of the 21 samples. The chloride content ranged from 17 to 785 ppm and was more than 200 ppm in 10 of the samples. Probably about half the wells in the Triassic red beds produce water that is considered usable for domestic purposes. None of the wells in the Triassic red beds produce water too highly mineralized for stock.

A review of all geologic map data and well as visual searches by field personnel did not indicate the presence of any windmills in the areas of review for the proposed conversions.

In summary, ground water in the Empire, Empire East, Loco Hills, and Fren areas for stock and domestic use can be obtained from wells in the Triassic red beds at depths up to 300'. Water is generally of fair quality but locally impotable. The injection intervals for the proposed conversions are in the Yeso group in the lower Permian age rocks at about 4,449' TVD to 4,554' TVD. No contamination of the known shallow potable ground waters is expected from the proposed deeper secondary operations due to over 3,500' of vertical separation between them. There was no indication of any use of ground water aquifers in the areas of reviews for the proposed conversions.

From Geology and Ground-Water Resources of Eddy County, New Mexico by G. E. Hendrickson and R. S. Jones. Ground-Water Report 3, New Mexico Bureau of Mines and Mineral Resources, 1952

IX.

COG Operating, LLC  
Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470' FNL & 1980' FWL  
Eddy County, NM

**Stimulation program:** Large conventional acid job.

X.

COG Operating, LLC  
Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470' FNL & 1980' FWL  
Eddy County, NM

**Logging and test data:** Logs have been filed. Please see attachment.





# New Mexico Office of the State Engineer

## Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)					(R=POD has been replaced and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE) C=the file is closed)										(quarters are smallest to largest) (NAD83 UTM in meters)									
WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	8418 4	Sec	Twp	Range	X	Y	Distance								
RA 08813		DOM		3 KELLY M BUSH	CH	RA 08813		DTW: 97 ft TD: 171 ft	Shallow	1	1	09	19S	28E	558883	3818008*	403							
RA 12107		SAN		1 TONY PENNINGTON	ED	RA 12107 POD1		Application only		2	2	4	08	19S	28E	558547	3818289*	898						
RA 04272		DOM		3 S. H. RABY	ED	RA 04272		DTW: 58 ft TD: 102 ft	Shallow	2	4	4	05	19S	28E	558678	3818581*	1025						
RA 08129		DOM		3 MARTIN O. LOPEZ	ED	RA 08129		DTW: 90 ft TD: 125 ft	Shallow	4	4	05	19S	28E	558477	3818482*	1030							
RA 03579		OIL		0 JERRY CURTIS RALPH NIX	ED	RA 03579		Application only		4	4	4	04	19S	28E	558184	3818385*	1081						
RA 08995		DOM		3 VERNON L. GALLOWAY	ED	RA 08995		DTW: 100 ft TD: 150 ft	Shallow	1	4	04	19S	28E	557679	3818888*	1129							
RA 08567		DOM		3 ALVARADO MARTIN C	ED	RA 08567		DTW: 80 ft TD: 264 ft	Shallow	1	4	4	05	19S	28E	558378	3818581*	1171						
RA 07124		DOM		3 RUSSELL H. AND DONNA J. CLACK	CH	RA 07124		DTW: 94 ft TD: 133 ft	Shallow	4	2	4	05	19S	28E	558571	3818785*	1185						
RA 08588		STK		3 G. I. JOHNSON	ED	RA 08588		DTW: Unkn; TD: 200 ft	Shallow	4	3	4	05	19S	28E	558173	3818380*	1232						
RA 03584		DOM		3 CHARLES T. GASKINS	ED	RA 03584		DTW: 70 ft TD: 200 ft	Shallow	1	1	10	19S	28E	558491	3818080*	1238							
RA 01230		COM		48.99 H. G. HEAVENHILL	XX	RA 01230		WR consolidation	Artesian	1	1	3	04	19S	28E	558774	3818988*	1258						
RA 03188		DOM		3 OMD LLC	ED	RA 03188		DTW: 70 ft TD: 150 ft	Shallow	1	1	3	04	19S	28E	558774	3818988*	1258						
RA 04828		PUB		0 SKOUSEN-HISE CONTRACTING CO.	ED	RA 04828		Application only		1	1	3	04	19S	28E	558774	3818988*	1258						
RA 07239		DOM		3 CLIFTON B MANN JR	ED	RA 07239		DTW: 100 ft; TD: 191 ft	Shallow	2	4	05	19S	28E	558472	3818886*	1325							
RA 07324		DOM		3 RICKY GALLOWAY	ED	RA 07324		DTW: 105 ft; TD: 150 ft	Shallow	2	4	04	19S	28E	558080	3818870*	1327							
RA 01215		IRR		311.5 LOPEZ HAY SALES LLC	ED	RA 01215 CLW		DTW: surface; TD: 1192 ft; active 1924 artesian irrigation well	Artesian	2	1	1	10	19S	28E	558580	3818159*	1357						
					ED	RA 01215 CLWPU			Artesian	2	1	1	10	19S	28E	558580	3818159*	1357						
RA 03118		DOM		3 CHAS T. GASKINS	ED	RA 03118		DTW: Unkn; TD: 195 ft	Shallow	2	1	1	10	19S	28E	558580	3818159*	1357						

\*UTM location was derived from PLSS - see Help

(R=POD has been replaced  
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)  
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	Q	Q	Q	Sec	Twp	Rng	X	Y	Distance
RA 11313		DOL		0 ERNESTO C RIOS	ED	RA 11313 POD1		Expired permit		2	2	4	04	19S	28E	558217	3818858	1480
RA 10445		DOM		0 CLARISSA FRAMCO	ED	RA 10445		Expired permit	Shallow	2	2	17	19S	28E		558494	3814434*	1585
RA 08557		DOM		3 KYLE CHARLES	ED	RA 08557		DTW: 100; TD: 232 ft	Shallow	2	1	4	05	19S	28E	558189	3818884*	1597
RA 08988		DOM		3 THOMAS F. KILOUGH	ED	RA 08988		DTW: 165; TD: 195 ft	Shallow	1	4	05	19S	28E		558070	3818885*	1601
RA 07172		DOM		3 THOMAS F. KILOUGH	ED	RA 07172		DTW: 95; TD: 210 ft	Shallow	1	4	05	19S	28E		558070	3818885*	1601
RA 07181		DOM		0 THOMAS F. KILOUGH	ED	RA 07181		Expired permit		1	4	05	19S	28E		558070	3818885*	1601

Record Count: 24

POD Search:

POD Basin: Rowell Artesian

UTM/NAD83 Radius Search (in meters):

Easting (X): 557277.14

Northing (Y): 3815812.9

Radius: 1609

Sorted by: Distance

**SUMMARY:** 16 wells within one-mile radius; one deep artesian well; 15 domestic or livestock; 9 wells in Sec. 5; water sample in NM Tech database

\*UTM location was derived from PLSS - see Help

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

12/1/14 1:22 PM

Page 2 of 2

ACTIVE & INACTIVE POINTS OF DIVERSION

**Exhibit XII**  
**Geologic Statement**

Concho Resources has examined available geologic, seismic and engineering data and finds no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

A handwritten signature in black ink, appearing to read "G. Clark", is written over a horizontal line.

Greg Clark  
Senior Geologist  
432-221-0335

## LEGAL NOTICE

COG Operating LLC is reapplying to add perms 8001' to 8150' to the existing water disposal well Lakewood SWD #2 (SWD-1509). The well is located at 1470' FNL & 1980' FWL, Sec. 9, T19S, R26E, Eddy County, NM. The well will dispose of water produced from oil and gas wells into the Cisco/Canyon Reef zone at a depth of 7908' to 8150' at a maximum rate of 20,000 barrels of water per day and at a maximum pressure of 1582 psi. Interested parties must file objections with the NM Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, NM 87505, within 15 days. Additional information can be obtained by contacting Chasity Jackson, COG Operating LLC, phone number is 432-686-3087.

Published in the Artesia Daily Press, Artesia, N.M., Oct. 8, 2015 Legal No. 23665.



Name	Address	Certified Number
Abo Petroleum Corp	Attn: Janet Richardson, 105 Fourth Street Artesia, NM 88210	91 7199 9991 7033 2438 6507
Chester Russell	404 Myrtle Avenue, Fairhope, Alabama 36532 (best known address, will be returned undeliverable)	91 7199 9991 7033 2438 6491
DDOF Company, Inc.	P.O. Box 465, Midland, TX 79702	91 7199 9991 7033 2438 6484
DHA, L.L.C.	500 W. Wall St., Ste. 300, Midland, TX 79701	91 7199 9991 7033 2438 6477
E3 Energy, Ltd.	Attn: Wendell W. Iverson, P.O. Box 10508, Midland, Texas 79702	91 7199 9991 7033 2438 6460
Eight Energy, Inc.	3300 N A St, Midland, TX 79705	91 7199 9991 7033 2438 6422
Heirs of Rose Frances Bryant	Unknown ADDRESS	
Heirs or devisees of Chester Hunter	Unknown ADDRESS	
Helen Leatherwood-Beaty	Unknown ADDRESS	
James R. Lockheed	3500 Lincoln Dr. #41, Phoenix, AZ 85018	91 7199 9991 7033 2438 6415
Judson Properties, Ltd.	P.O. Box 3340, Midland, TX 79702	91 7199 9991 7033 2438 6439
Loveta McKinstry Cumpsten	Deceased September of 1988, she was married twice, first to Samuel S. McKinstry, second to Robert W. Cumpsten (at the age of 86) - this is the marketable title that we force pooled	
Mark A. Hannifin, Trustee of the Hannifin Family Trust	Attn: Mr. Mark Hannifin, TTE, Hannifin Family Trust UTA 2/1/1994, P.O. Box 218, Midland, TX 79702	91 7199 9991 7033 2438 6446
Marshall & Winston, Inc.	PO Box 50880, Midland, TX 79710	91 7199 9991 7033 2438 6453
Mary Frances Dolan	11753 Lakeside Ave. NE, Seattle Washington, 98125 - this was returned to us, but is the last known address for the marketable title owner	91 7199 9991 7033 2438 6323
Mary Lou Giersch	58 SW Pepper Tree Ln., Topeka, KS 66611-2091	91 7199 9991 7033 2438 6330
Matthew Randell Vann	658 Paradise Place, Apt. 101, Twin Falls, Idaho 83301	91 7199 9991 7033 2438 6316
Michael Sankey	2003 Gwenda Dr. Carlsbad, NM 88220 (512-7793991) msankey@gmail.com	91 7199 9991 7033 2438 6347
MYCO Industries, Inc	Attn: Janet Richardson, 105 Fourth Street Artesia, NM 88210	91 7199 9991 7033 2438 6309
Nelly Luisa Hunter, as her S&SP, and/or Nelly Luisa Hunter, as Trustee of the testamentary trust under the Last Will and Testament of Kenneth Hunter	Nelly Luisa Hunter C/O Kenneth Hunter, 14621 Tarpon Drive, Coral Gables, FL 33158	91 7199 9991 7033 2438 6293
Nuevo Seis, Limited Partnership	P.O. Box 2588, Roswell, NM 88202-2588, Phone: 575.623.4618	91 7199 9991 7033 2438 6354
OGX Production, LP	PO Box 2064, Midland, TX 79701 432-685-1287	91 7199 9991 7033 2438 6361
OXY Y-1 Company	5 Greenway Plaza, Ste. 110, Houston, TX 77046	91 7199 9991 7033 2438 6378
Patrick J. Hannifin, Trustee of the P.J. Hannifin Family Trust	Attn: Mr. Steven P. Hannifin, 1225 Gabriel Ln., Ft. Worth, TX 76116	91 7199 9991 7033 2438 6385
Ralph L. Way and Barbara Way, his wife	306 W. Wall St., Ste. 410, Midland, TX 79701 432-682-3448	91 7199 9991 7033 2438 6392
Roy I. Lockheed	UNKNOWN ADDRESS	
Sharbro Energy LLC	Attn: Janet Richardson, 105 Fourth Street Artesia, NM 88210	91 7199 9991 7033 2438 6408
TIG Properties, LP	Attn: Pam Burke, P.O. Box 10508, Midland, TX 79702 432-682-4251 pam@iversongroup.net	91 7199 9991 7033 2438 6231
William J. McCaw	P.O. Box 376, Artesia, NM 88211	91 7199 9991 7033 2438 6248
Wygocki Family Trust	attn: Mr. William Wygocki, TTE Wygocki Family Trust UTA dated 12/20/2010, 721 Robins Road, Lansing, MI 48917	91 7199 9991 7033 2438 6255
Yates Industries LLC	Attn: Janet Richardson, 105 Fourth Street Artesia, NM 88210	91 7199 9991 7033 2438 6262
Yates Petroleum Corp	Attn: Janet Richardson, 105 Fourth Street Artesia, NM 88210	91 7199 9991 7033 2438 6279
Robin K. Nix	3322 W. Ohio Ave. Midland, TX 79703	91 7199 9991 7033 2438 6286



October 6, 2015

Abo Petroleum Corp  
105 Fourth Street  
Artesia, NM 88210

Certified Mail Article Number: 91 7199 9991 7033 2438 6507

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

To Whom It May Concern:

This letter will serve as notice under Rule 19.15.26.8B that COG Operating LLC has applied for a permit from the Oil Conservation Division in Santa Fe, NM to add perfs to the existing well. We will be injecting, for the purpose of disposal, into the Canyon. Perfs are at 7,908' – 8,000'. Additional perfs will be at 8,001' – 8,150'.

Should your company have any objection, it must be filed in writing within fifteen (15) days from the date of this notice. If the Oil Conservation Division determines the application complies with the applicable regulations, then it will be approved. The New Mexico Oil Conservation Division address is 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505, the telephone number is 505-476-3440.

Sincerely,

A handwritten signature in cursive script, appearing to read "Chasity Jackson".

Chasity Jackson  
COG Operating LLC  
Regulatory Analyst

Enclosures: C-108



October 6, 2015

Chester Russell  
404 Myrtle Avenue  
Fairhope, AL 36532

Certified Mail Article Number: 91 7199 9991 7033 2438 6491

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Sincerely,

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Chasity Jackson  
COG Operating LLC  
Regulatory Analyst

Enclosures: C-108



October 6, 2015

DDDF Company, Inc.  
P.O. Box 465  
Midland, TX 79702

Certified Mail Article Number: 91 7199 9991 7033 2438 6484

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Sincerely,

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Chasity Jackson  
COG Operating LLC  
Regulatory Analyst

Enclosures: C-108



October 6, 2015

DHA, L.L.C.  
500 W. Wall Street  
Suite 300  
Midland, TX 79701

Certified Mail Article Number: 91 7199 9991 7033 2438 6477

Re: SWD Application


Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
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Eddy County, New Mexico

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Sincerely,

  
Chasity Jackson  
COG Operating LLC  
Regulatory Analyst

Enclosures: C-108



October 6, 2015

E3 Energy , Ltd.  
P.O. Box 10508  
Midland, TX 79702

Certified Mail Article Number: 91 7199 9991 7033 2438 6460

Re: SWD Application


Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Sincerely,

  
Chasity Jackson  
COG Operating LLC  
Regulatory Analyst

Enclosures: C-108



October 6, 2015

Eight Energy, Inc.  
3300 N A Street  
Midland, TX 79705

Certified Mail Article Number: 91 7199 9991 7033 2438 6422

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Sincerely,

A handwritten signature in cursive script that reads "Chasity Jackson".

Chasity Jackson  
COG Operating LLC  
Regulatory Analyst

Enclosures: C-108



October 6, 2015

Heirs of Rose Frances Bryant  
Unknown ADDRESS

Certified Mail Article Number:

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
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Sincerely,

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Chasity Jackson  
COG Operating LLC  
Regulatory Analyst





October 6, 2015

Heirs or Devisees of Chester Hunter  
Unknown ADDRESS

Certified Mail Article Number:

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Chasity Jackson  
COG Operating LLC  
Regulatory Analyst



October 6, 2015

Helen Leatherwood-Beaty  
Unknown ADDRESS

Certified Mail Article Number:

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Sincerely,

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Chasity Jackson  
COG Operating LLC  
Regulatory Analyst



October 6, 2015

James R. Lochhead  
3500 Lincoln Dr. #41  
Phoenix, AZ 85018

Certified Mail Article Number: 91 7199 9991 7033 2438 6415

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Sincerely,

A handwritten signature in black ink that reads "Chasity Jackson".

Chasity Jackson  
COG Operating LLC  
Regulatory Analyst

Enclosures: C-108



October 6, 2015

Judson Properties, Ltd.  
P.O. Box 3340  
Midland, TX 79702

Certified Mail Article Number: 91 7199 9991 7033 2438 6439

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Sincerely,

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Chasity Jackson  
COG Operating LLC  
Regulatory Analyst

Enclosures: C-108



October 6, 2015

Loveta McKinstry Cumpsten  
Deceased September of 1988

Certified Mail Article Number:

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Chasity Jackson  
COG Operating LLC  
Regulatory Analyst



October 6, 2015

Mark A. Hannifin  
Trustee of the Hannifin Family Trust  
P.O. Box 218  
Midland, TX 79702

Certified Mail Article Number: 91 7199 9991 7033 2438 6446

Re: SWD Application


Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Sincerely,

  
Chasity Jackson  
COG Operating LLC  
Regulatory Analyst

Enclosures: C-108



October 6, 2015

Marshall & Winston, Inc.  
PO Box 50880  
Midland, TX 79710

Certified Mail Article Number: 91 7199 9991 7033 2438 6453

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Sincerely,

A handwritten signature in black ink that reads "Chasity Jackson".

Chasity Jackson  
COG Operating LLC  
Regulatory Analyst

Enclosures: C-108



October 6, 2015

Mary Frances Dolan  
11753 Lakeside Ave. NE  
Seattle, WA 98125

Certified Mail Article Number: 91 7199 9991 7033 2438 6323

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

To Whom It May Concern:

This letter will serve as notice under Rule 19.15.26.8B that COG Operating LLC has applied for a permit from the Oil Conservation Division in Santa Fe, NM to add perfs to the existing well. We will be injecting, for the purpose of disposal, into the Canyon. Perfs are at 7,908' – 8,000'. Additional perfs will be at 8,001' – 8,150'.

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Sincerely,

A handwritten signature in black ink, appearing to read "Chasity Jackson".

Chasity Jackson  
COG Operating LLC  
Regulatory Analyst

Enclosures: C-108





October 6, 2015

Mary Lou Giersch  
58 SW Pepper Tree Ln.  
Topeka, KS 66611-2091

Certified Mail Article Number: 91 7199 9991 7033 2438 6330

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

To Whom It May Concern:

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Chasity Jackson  
COG Operating LLC  
Regulatory Analyst

Enclosures: C-108



October 6, 2015

Matthew Randell Vann  
658 Paradise Place  
Apt. 101  
Twin Falls, ID 83301

Certified Mail Article Number: 91 7199 9991 7033 2438 6316

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Chasity Jackson  
COG Operating LLC  
Regulatory Analyst

Enclosures: C-108



October 6, 2015

Michael Sankey  
2003 Gwenda Dr.  
Carlsbad, NM 88220

Certified Mail Article Number: 91 7199 9991 7033 2438 6347

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Chasity Jackson  
COG Operating LLC  
Regulatory Analyst

Enclosures: C-108



October 6, 2015

MYCO Industries, Inc  
105 Fourth Street  
Artesia, NM 88210

Certified Mail Article Number: 91 7199 9991 7033 2438 6309

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Chasity Jackson  
COG Operating LLC  
Regulatory Analyst

Enclosures: C-108



October 6, 2015

Nelly Luisa Hunter  
C/O Kenneth Hunter  
14621 Tarpon Drive  
Coral Gables, FL 33158

Certified Mail Article Number: 91 7199 9991 7033 2438 6293

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Chasity Jackson  
COG Operating LLC  
Regulatory Analyst

Enclosures: C-108



October 6, 2015

Nuevo Seis, Limited Partnership  
P.O. Box 2588  
Roswell, NM 88202-2588

Certified Mail Article Number: 91 7199 9991 7033 2438 6354

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Chasity Jackson  
COG Operating LLC  
Regulatory Analyst

Enclosures: C-108



October 6, 2015

OGX Production, LP  
PO Box 2064  
Midland, TX 79701

Certified Mail Article Number: 91 7199 9991 7033 2438 6361

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Chasity Jackson  
COG Operating LLC  
Regulatory Analyst

Enclosures: C-108



October 6, 2015

OXY Y-1 Company  
5 Greenway Plaza  
Suite 110  
Houston, TX 77046

Certified Mail Article Number: 91 7199 9991 7033 2438 6378

Re: SWD Application


Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Sincerely,

  
Chasity Jackson  
COG Operating LLC  
Regulatory Analyst

Enclosures: C-108





October 6, 2015

Patrick J. Hannifin  
Trustee of the P.J. Hannifin Family Trust  
1225 Gabriel Ln.  
Ft. Worth, TX 76116

Certified Mail Article Number: 91 7199 9991 7033 2438 6385

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Chasity Jackson  
COG Operating LLC  
Regulatory Analyst

Enclosures: C-108



October 6, 2015

Ralphy L. Way and Barbara Way  
306 W. Wall Street  
Suite 410  
Midland, TX 79701

Certified Mail Article Number: 91 7199 9991 7033 2438 6392

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Chasity Jackson  
COG Operating LLC  
Regulatory Analyst

Enclosures: C-108



October 6, 2015

Roy I. Lockhead  
UNKNOWN ADDRESS

Certified Mail Article Number:

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Chasity Jackson  
COG Operating LLC  
Regulatory Analyst



October 6, 2015

Sharbro Energy LLC  
105 Fourth Street  
Artesia, NM 88210

Certified Mail Article Number: 91 7199 9991 7033 2438 6408

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Chasity Jackson  
COG Operating LLC  
Regulatory Analyst

Enclosures: C-108



October 6, 2015

TIG Properties, LP  
P.O. Box 10508  
Midland, TX 79702

Certified Mail Article Number: 91 7199 9991 7033 2438 6231

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Chasity Jackson  
COG Operating LLC  
Regulatory Analyst

Enclosures: C-108



October 6, 2015

William J. McCaw  
P.O. Box 376  
Artesia, NM 88211

Certified Mail Article Number: 91 7199 9991 7033 2438 6248

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Chasity Jackson  
COG Operating LLC  
Regulatory Analyst

Enclosures: C-108



October 6, 2015

Mr. William Wygocki  
Wygocki Family Trust  
721 Robins Road  
Lansing, MI 48917

Certified Mail Article Number: 91 7199 9991 7033 2438 6255

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Chasity Jackson  
COG Operating LLC  
Regulatory Analyst

Enclosures: C-108



October 6, 2015

Yates Industries LLC  
105 Fourth Street  
Artesia, NM 88210

Certified Mail Article Number: 91 7199 9991 7033 2438 6262

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Chasity Jackson  
COG Operating LLC  
Regulatory Analyst

Enclosures: C-108





October 6, 2015

Yates Petroleum Corp  
105 Fourth Street  
Artesia, NM 88210

Certified Mail Article Number: 91 7199 9991 7033 2438 6279

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Chasity Jackson  
COG Operating LLC  
Regulatory Analyst

Enclosures: C-108



October 6, 2015

Robin K. Nix  
3322 W. Ohio Ave.  
Midland, TX 79703

Certified Mail Article Number: 91 7199 9991 7033 2438 6286

Re: SWD Application

Lakewood SWD #2  
API# 30-015-40718  
F-9-19S-26E  
1470 FNL & 1980 FWL  
SWD;Cisco 96099  
Eddy County, New Mexico

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Regulatory Analyst

Enclosures: C-108

State of New Mexico  
Energy, Minerals and Natural Resources Department

---

Susana Martinez  
Governor

David Martin  
Cabinet Secretary

Brett F. Woods, Ph.D.  
Deputy Cabinet Secretary

Jami Bailey, Division Director  
Oil Conservation Division



Administrative Order SWD-1509  
December 1, 2014

**ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION DIVISION**

Under the provisions of Division Rule 19.15.26.8B, NMAC, COG Operating, LLC (the "operator") seeks an administrative order to utilize its proposed Lakewood SWD Well No. 2 to be located 1470 feet from the North line and 1980 feet from the West line, Unit letter F of Section 9, Township 19 South, Range 26 East, NMPM, Eddy County, New Mexico, for produced water disposal purposes. This proposed well was previously approved for injection in the same formations under Administrative Order No. SWD-1354. Order No. SWD-1354 was terminated *ipso facto* on September 7, 2014, due to the inability to commence injection within the two-year period stated in the order.

**THE DIVISION DIRECTOR FINDS THAT:**

The application has been duly filed under the provisions of Division Rule 19.15.26.8B. NMAC and satisfactory information has been provided that affected parties as defined in said rule have been notified and no objections have been received within the prescribed waiting period. The applicant has presented satisfactory evidence that all requirements prescribed in Rule 19.15.26.8 NMAC have been met and the operator is in compliance with Rule 19.15.5.9 NMAC.

**IT IS THEREFORE ORDERED THAT:**

The applicant, COG Operating, LLC (OGRID 229137), is hereby authorized to utilize its proposed Lakewood SWD Well No. 2 (API 30-015-40718) to be located 1470 feet from the North line and 1980 feet from the West line, Unit letter F of Section 9, Township 19 South, Range 26 East, NMPM, Eddy County, New Mexico, for disposal of oil field produced water (UIC Class II only) into the upper Pennsylvanian Canyon formation through a perforated interval from 7720 feet to 8000 feet. Injection will occur through internally-coated, 3 1/2-inch or smaller tubing and a packer set within 100 feet of the top perforation.

**IT IS FURTHER ORDERED THAT:**

The operator shall take all steps necessary to ensure that the disposed water enters only the proposed disposal interval and is not permitted to escape to other formations or onto the surface. This includes the well construction proposed and described in the application.

After installing tubing, the casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge or an approved leak detection device in order to determine leakage in the casing, tubing, or packer. The casing shall be pressure tested from the surface to the packer setting depth to assure casing integrity.

The well shall pass an initial mechanical integrity test ("MIT") prior to initially commencing disposal and prior to resuming disposal each time the disposal packer is unseated. All MIT procedures and schedules shall follow the requirements in Division Rule 19.15.26.11A. NMAC. The Division Director retains the right to require at any time wireline verification of completion and packer setting depths in this well.

The wellhead injection pressure on the well shall be limited to **no more than 1544 psi**. In addition, the disposal well or system shall be equipped with a pressure limiting device in workable condition which shall, at all times, limit surface tubing pressure to the maximum allowable pressure for this well.

The Director of the Division may authorize an increase in tubing pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the disposed fluid from the target formation. Such proper showing shall be demonstrated by sufficient evidence including but not limited to an acceptable Step-Rate Test.

The operator shall notify the supervisor of the Division's District II office of the date and time of the installation of disposal equipment and of any MIT test so that the same may be inspected and witnessed. The operator shall provide written notice of the date of commencement of disposal to the Division's District II office. The operator shall submit monthly reports of the disposal operations on Division Form C-115, in accordance with Division Rules 19.15.26.13 and 19.15.7.24 NMAC.

Without limitation on the duties of the operator as provided in Division Rules 19.15.29 and 19.15.30 NMAC, or otherwise, the operator shall immediately notify the Division's District II office of any failure of the tubing, casing or packer in the well, or of any leakage or release of water, oil or gas from around any produced or plugged and abandoned well in the area, and shall take such measures as may be timely and necessary to correct such failure or leakage.

The injection authority granted under this Order is not transferable except upon division approval. The Division may require the operator to demonstrate mechanical integrity of any injection well that will be transferred prior to approving transfer of authority to inject.

The Division may revoke this injection permit after notice and hearing if the operator is in violation of Rule 19.15.5.9 NMAC.

The disposal authority granted herein shall terminate two years after the effective date of this order if the operator has not commenced injection operations into the subject well. One year after the last date of reported disposal into this well, the Division shall consider the well abandoned, and the authority to dispose will terminate *ipso facto*. The Division, upon written request mailed by the operator prior to the termination date, may grant an extension thereof for good cause.

Compliance with this order does not relieve the operator of the obligation to comply with other applicable federal, state or local laws or rules, or to exercise due care for the protection of fresh water, public health and safety and the environment.

Jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh or protectable waters or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the disposal authority granted herein.



for

JAMI BAILEY  
Director

JB/prg

cc: Oil Conservation Division – Artesia District Office

**McMillan, Michael, EMNRD**

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**From:** Chasity Jackson <cjackson@concho.com>  
**Sent:** Monday, October 19, 2015 10:44 AM  
**To:** McMillan, Michael, EMNRD  
**Subject:** RE: Lakewood SWD Well No. 2 affidavit of publication

We will reset packer in the same place. Top of packer @ 7839'.

Thank you,

*Chasity Jackson*  
*Regulatory Analyst-NM Shelf*  
  
**COG OPERATING, LLC**  
**One Concho Center Rm #763**  
**600 W. Illinois Avenue**  
**Midland, Texas 79701**  
**Phone: 432.686.3087**  
**Fax: 432.221.0858**  
**e-mail: [cjackson@concho.com](mailto:cjackson@concho.com)**

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**From:** McMillan, Michael, EMNRD [mailto:Michael.McMillan@state.nm.us]  
**Sent:** Monday, October 19, 2015 9:58 AM  
**To:** Chasity Jackson  
**Subject:** [External] RE: Lakewood SWD Well No. 2 affidavit of publication

Where is the packer going to be set?

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**From:** Chasity Jackson [mailto:[cjackson@conchocom](mailto:cjackson@conchocom)]  
**Sent:** Monday, October 19, 2015 7:45 AM  
**To:** McMillan, Michael, EMNRD  
**Subject:** RE: Lakewood SWD Well No. 2 affidavit of publication

Yes, ownership has not changed from the original order. I will get the publication to you as soon as I receive it.

**McMillan, Michael, EMNRD**

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**From:** Chasity Jackson <cjackson@concho.com>  
**Sent:** Wednesday, October 14, 2015 9:51 AM  
**To:** McMillan, Michael, EMNRD  
**Subject:** RE: Lakewood SWD Well No. 2

Bottom plug is at 8410'

Thank you,

*Chasity Jackson*  
*Regulatory Analyst-NM Shelf*



**CONCHO**

**COG OPERATING, LLC**  
**One Concho Center Rm #763**  
**600 W. Illinois Avenue**  
**Midland, Texas 79701**  
**Phone: 432.686.3087**  
**Fax: 432.221.0858**  
**e-mail: [cjackson@concho.com](mailto:cjackson@concho.com)**

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**From:** McMillan, Michael, EMNRD [mailto:Michael.McMillan@state.nm.us]  
**Sent:** Thursday, October 08, 2015 5:45 PM  
**To:** Chasity Jackson  
**Subject:** [External] RE: Lakewood SWD Well No. 2

As I look further into your application, what is the depth of the bottom plug?  
Mike

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**From:** McMillan, Michael, EMNRD  
**Sent:** Thursday, October 08, 2015 4:30 PM  
**To:** 'cjackson@concho.com'  
**Subject:** RE: Lakewood SWD Well No. 2

Ignore e-mail I found a copy in your application  
Mike



# Affidavit of Publication

No. 23665

State of New Mexico

County of Eddy:

**Danny Scott**

being duly sworn says that she is the

**Publisher**

of the Artesia Daily Press, a daily 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 daily 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

October 8, 2015

Second Publication

Third Publication

Fourth Publication

Fifth Publication

Sixth Publication

Subscribed and sworn before me this

4th

day of

November

2015



OFFICIAL SEAL  
Latisha Romine  
NOTARY PUBLIC-STATE OF NEW MEXICO

My commission expires:

5/12/2019

*Latisha Romine*

Latisha Romine

Notary Public, Eddy County, New Mexico

# Copy of Publication:

## LEGAL NOTICE

COG Operating LLC is reapplying to add perms 8001' to 8150' to the existing water disposal well Lakewood SWD #2 (SWD-1509). The well is located at 1470' FNL & 1980' FWL, Sec. 9, T19S, R26E, Eddy County, NM. The well will dispose of water produced from oil and gas wells into the Cisco/Canyon Reef zone at a depth of 7908' to 8150' at a maximum rate of 20,000 barrels of water per day and at a maximum pressure of 1582 psi. Interested parties must file objections with the NM Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, NM 87505, within 15 days. Additional information can be obtained by contacting Chasity Jackson, COG Operating LLC, phone number is 432-686-3087.

Published in the Artesia Daily Press, Artesia, N.M., Oct. 8, 2015 Legal No. 23665.





C-108 Review Checklist: Received 10/06/2015 Add. Request: \_\_\_\_\_ Reply Date: \_\_\_\_\_ Suspended: \_\_\_\_\_ (Ver 15)

ORDER TYPE: WFX / PMX / SWD Number: 15-09-A Order Date: \_\_\_\_\_ Legacy Permits/Orders: \_\_\_\_\_

Well No. 1 Well Name(s): LAKewood S&A

API: 30-0 \_\_\_\_\_ Spud Date: 5/26/15 New or Old: N (UIC Class II Primacy 03/07/1982)

Footages 1470 FNL / 1800 Lot \_\_\_\_\_ or Unit 12 Sec 9 Tsp 19S Rge 24E County Eddy

General Location: N / 11 mi N of Laramie Pool: 3605, C15C0 Pool No.: 9609C

BLM 100K Map: Antesic Operator: COG-UPC/AM OGRID: 224P7 Contact: K. JACKSON

COMPLIANCE RULE 5.9: Total Wells: \_\_\_\_\_ Inactive: \_\_\_\_\_ Find Assur: \_\_\_\_\_ Compl. Order? \_\_\_\_\_ IS 5.9 OK? \_\_\_\_\_ Date: \_\_\_\_\_

WELL FILE REVIEWED ☐ Current Status: Active Injector

WELL DIAGRAMS: NEW: Proposed ☐ or RE-ENTER: Before Conv. ☐ After Conv. ☒ Logs in Imaging: N

Planned Rehab Work to Well: \_\_\_\_\_

Well Construction Details		Sizes (in)	Setting	Cement	Cement Top and Determination Method
		Borehole / Pipe	Depths (ft)	Stg or Cf	
Planned ___ or Existing ___ Surface		<u>12 1/4 / 9 5/8</u>	<u>1220</u>	<u>100</u>	<u>67' / TS</u>
Planned ___ or Existing ___ Interm/Prod					
Planned ___ or Existing ___ Interm/Prod		<u>8 1/2 / 7 1/2</u>	<u>840</u>	<u>1300</u>	<u>SUNFAM / VISCA</u>
Planned ___ or Existing ___ Prod/Liner					
Planned ___ or Existing ___ Liner					
Planned ___ or Existing ___ OHT/PERF		<u>7 9/8 / 8 1/2</u>		<u>242</u>	
Injection Lithostratigraphic Units:		Depths (ft)	Injection or Confining Units	Tops	Completion/Operation Details:
Adjacent Unit: Litho. Struc. Por.			<u>CN</u>	<u>774</u>	Drilled TO <u>8426</u> PBTD <u>8410</u>
Confining Unit: Litho. Struc. Por.			<u>SH</u>	<u>825</u>	NEW TO _____ NEW PBTD _____
Proposed Inj Interval TOP:					NEW Open Hole <input checked="" type="radio"/> or NEW Perfs <input type="radio"/>
Proposed Inj Interval BOTTOM:					Tubing Size <u>3 1/2</u> in. Inter Coated? <input checked="" type="checkbox"/>
Confining Unit: Litho. Struc. Por.					Proposed Packer Depth <u>793</u> ft
Adjacent Unit: Litho. Struc. Por.					Min. Packer Depth <u>710</u> (100-ft limit)
AOR: Hydrologic and Geologic Information					Proposed Max. Surface Press. <u>1582</u> psi
POTASH: R-111-P <u>N/A</u> Noticed? <input type="radio"/> BLM Sec Ord <input type="radio"/> WIPP <input type="radio"/> Noticed? <input type="radio"/> Salt/Salado T: _____ B: _____ NW: Cliff House fm _____					Admin. Inj. Press. <u>1582</u> (0.2 psi per ft)
FRESH WATER: Aquifer <u>Albuquerque</u> Max Depth <u>250</u> HYDRO AFFIRM STATEMENT By Qualified Person <input type="radio"/>					
NMOSE Basin: <u>Antesic</u> CAPITAN REEF: thru adj <u>NA</u> No. Wells within 1-Mile Radius? <u>16</u> FW Analysis _____					
Disposal Fluid: Formation Source(s) <u>YESO</u> Analysis? <u>N/A</u> On Lease <input type="radio"/> Operator Only <input type="radio"/> or Commercial <input checked="" type="radio"/>					
Disposal Int: Inject Rate (Avg/Max BWPD): <u>10000/2000</u> Protectable Waters? _____ Source: _____ System: Closed or Open					
HC Potential: Producing Interval? <u>N/A</u> Formerly Producing? <u>N/A</u> Method: Logs/DST/P&A/Other <u>X-Section</u> 2-Mile Radius Pool Map <input type="radio"/>					
AOR Wells: 1/2-M Radius Map? <u>Y</u> Well List? <u>Y</u> Total No. Wells Penetrating Interval: <u>1</u> Horizontals? <u>N/A</u>					
Penetrating Wells: No. Active Wells <u>1</u> Num Repairs? <u>0</u> on which well(s)? _____ Diagrams? _____					
Penetrating Wells: No. P&A Wells <u>1</u> Num Repairs? _____ on which well(s)? _____ Diagrams? _____					
NOTICE: Newspaper Date <u>October 6, 2015</u> Mineral Owner _____ Surface Owner <u>Concho</u> N. Date _____					
RULE 26.7(A): Identified Tracts? _____ Affected Persons: <u>Abopetroleum, Myco</u> N. Date <u>October 6, 2015</u>					

Order Conditions: Issues: \_\_\_\_\_

Add Order Cond: Operator must supply logs to

Antesic, no later than 30 days  
after approval.



C-108 Review Checklist: Received 10/01/14 Add. Request:        Reply Date:        Suspended:        [Ver 15]

ORDER TYPE: WFX / PMX (SWD) Number: 1509 Permit Date: 12/1/14 Legacy Permits/Orders: SWD-1354

Well No.        Well Name(s): Lakewood SWD New Number [Order expired prior to injection no extension submitted]

API: 30-0 15-40718 Spud Date: TBD New or Old: New (UIC Class II Primacy 03/07/1982)

Footages 1470 FNL / 1980 FNL Lot        or Unit F Sec 9 Tsp 19S Rge 26 E County Eddy

General Location: Brown Artesian Corridor / near 7 Rivers / North SWD; Cisco - Listed Pool No.:       

BLM 100K Map: Artesia Operator: COG Operating LLC OGRID: 229137 Contact: K. Castillo

COMPLIANCE RULE 5.9: Total Wells: 3766 Inactive: 7 Fincl Assur: Yes Compl. Order? No IS 5.9 OK? Yes Date: 12/1/14

WELL FILE REVIEWED ☒ Current Status: APD approved - same construction as SWD-1354

WELL DIAGRAMS: NEW: Proposed ☐ or RE-ENTER: Before Conv. ☒ After Conv. ☒ Logs in Imaging: TBD

Planned Rehab Work to Well: Same construction design as original order

Well Construction Details		Sizes (in)	Setting	Cement	Cement Top and
		Borehole / Pipe	Depths (ft)	Sx or Cf	Determination Method
Planned <input checked="" type="checkbox"/> or Existing <input type="checkbox"/> Surface	<u>24 95/8</u>	<u>Shallow Surface</u>	<u>Stage Tool</u>		
Planned <input checked="" type="checkbox"/> or Existing <input type="checkbox"/> Interm/Prod		<u>Casing</u>	<u>Open Artesian</u>		
Planned <input type="checkbox"/> or Existing <input type="checkbox"/> Interm/Prod		<u>Same planned</u>	<u>completion</u>	<u>as SWD-1354</u>	
Planned <input type="checkbox"/> or Existing <input type="checkbox"/> Prod/Liner					
Planned <input type="checkbox"/> or Existing <input type="checkbox"/> Liner					
Planned <input checked="" type="checkbox"/> or Existing <input type="checkbox"/> OH/PERF		<u>(7720 to 8000)</u>	<u>Inj Length</u>		
			<u>280'</u>		
Injection Lithostratigraphic Units:		Depths (ft)	Injection or Confining Units	Tops	Completion/Operation Details:
Adjacent Unit: Litho. Struc. Por.					Drilled TD <u>NA</u> PBTD <u>NA</u>
Confining Unit: Litho. Struc. Por.					NEW TD <u>8400</u> NEW PBTD <u>NA</u>
Proposed Inj Interval TOP:			<u>(Same as SWD-1354)</u>		NEW Open Hole <input type="checkbox"/> or NEW Perfs <input checked="" type="checkbox"/>
Proposed Inj Interval BOTTOM:					Tubing Size <u>3 1/2</u> in. Inter Coated? <u>Yes</u>
Confining Unit: Litho. Struc. Por.					Proposed Packer Depth <u>&lt; 100'</u> ft
Adjacent Unit: Litho. Struc. Por.					Min. Packer Depth <u>7620</u> (100-ft limit)
					Proposed Max. Surface Press. <u>1572</u> psi
					Admin. Inj. Press. <u>1544</u> (0.2 psi per ft)
AOR: Hydrologic and Geologic Information					
POTASH: R-111-P <input checked="" type="checkbox"/> Noticed? <u>No</u> BLM Sec Ord <u>16</u> WIPP <input checked="" type="checkbox"/> Noticed? <u>NA</u> SALT/SALADO T: <u>      </u> B: <u>      </u> CLIFF HOUSE <u>      </u>					
FRESH WATER: Aquifer: <u>Roswell shallow / alluvial / 4 Decm alluvial 250'</u> Max Depth <u>art. &lt; 1200'</u> HYDRO AFFIRM STATEMENT By Qualified Person <input checked="" type="checkbox"/>					
NMOSE Basin: <u>Roswell Artesian</u> CAPITAN REEF thru <u>      </u> adj <u>      </u> <u>NA</u> No Wells within 1-Mile Radius? <u>16</u> FW Analysis <u>Wanted</u>					
Disposal Fluid: Formation Source(s) <u>Yeso Producers / BS &amp; WC</u> Analysis? <u>No - historical</u> On Lease <input type="checkbox"/> Operator Only <input checked="" type="checkbox"/> or Commercial <input type="checkbox"/>					
Disposal Int: Inject Rate (Avg/Max BWPD): <u>10000/20000</u> Protectable Waters? <u>No</u> Source: <u>Historical</u> System: Closed <input checked="" type="checkbox"/> or Open <input type="checkbox"/>					
HC Potential: Producing Interval? <u>No</u> Formerly Producing? <u>No</u> Method: <u>Logs/DST/P&amp;A</u> Other <u>area</u> <u>cross section</u> 3-Mile Radius Pool Map <input type="checkbox"/>					
AOR Wells: 1/2-M Radius Map? <u>Yes</u> Well List? <u>Yes</u> Total No. Wells Penetrating Interval: <u>1</u> Horizontals? <u>0</u>					
Penetrating Wells: No. Active Wells <u>0</u> Num Repairs? <u>0</u> on which well(s)? <u>      </u> Diagrams? <u>NA</u>					
Penetrating Wells: No. P&A Wells <u>1</u> Num Repairs? <u>0</u> on which well(s)? <u>Re entry of open hole not feasible to re-plug - Brown isolated</u> Diagrams? <u>Yes</u>					
NOTICE: Newspaper Date <u>10/1/2014</u> Mineral Owner <u>Fee</u> Surface Owner <u>Fee / Concho</u> N. Date <u>10/23/14</u>					
RULE 26.7(A): Identified Tracts? <u>Yes</u> Affected Persons: <u>13 individuals + Estates / trusts / TIG Properties</u> N. Date <u>10/23/14</u>					

Order Conditions: Issues: None

Add Order Cond: No special requirements

**McMillan, Michael, EMNRD**

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**From:** Chasity Jackson <cjackson@concho.com>  
**Sent:** Monday, October 19, 2015 7:45 AM  
**To:** McMillan, Michael, EMNRD  
**Subject:** RE: Lakewood SWD Well No. 2 affidavit of publication

Yes, ownership has not changed from the original order. I will get the publication to you as soon as I receive it.

Thank you,

*Chasity Jackson*  
*Regulatory Analyst-NM Shelf*



**CONCHO**

**COG OPERATING, LLC**  
**One Concho Center Rm #763**  
**600 W. Illinois Avenue**  
**Midland, Texas 79701**  
**Phone: 432.686.3087**  
**Fax: 432.221.0858**  
**e-mail: [cjackson@concho.com](mailto:cjackson@concho.com)**

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**From:** McMillan, Michael, EMNRD [mailto:Michael.McMillan@state.nm.us]  
**Sent:** Friday, October 16, 2015 3:23 PM  
**To:** Chasity Jackson  
**Subject:** [External] RE: Lakewood SWD Well No. 2 affidavit of publication

I do not see a breakdown of ownership of the different tracts-are they identical to the original Order SWD-1509?

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**From:** McMillan, Michael, EMNRD  
**Sent:** Friday, October 16, 2015 2:17 PM  
**To:** 'Chasity Jackson'  
**Subject:** Lakewood SWD Well No. 2 affidavit of publication

Ms. Jackson:  
E-mail me the affidavit of publication for the Lakewood SWD Well No. 2

Thank you