

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 C Jackson Regulatory Analyst 10/1/15
 Print or Type Name Signature Title Date
 cjackson@concho.com
 e-mail Address

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

*SWD-1509-A
 Amendment to SWD-1509
 COG operating, LLC
 229137
 Pool
 SWD, CISCO
 96099*



RECEIVED OGD

October 1, 2015

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 @ 925A
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 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:
- Proposed average and maximum daily rate and volume of fluids to be injected;
 - Whether the system is open or closed;
 - Proposed average and maximum injection pressure;
 - Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 - If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- *XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- NAME: **Chasity Jackson** TITLE: **Regulatory Analyst**
SIGNATURE:  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.

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 DATA
Surface Casing (Existing)

Well: Lakewood SWD #2
 Location: 1470 FNL; 1980 FWL, Sec 9
 T19S, R26E, Eddy Co., NM

Hole Size: **12 1/4"** Casing Size: **9 5/8"**

Cemented with: **400** sx. or _____ ft³

Top of Cement: **Surface** Method Determined: **Circulate**

Intermediate Casing (Existing)

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. or _____ ft³

Top of Cement: _____ Method Determined: _____

Production Casing (Existing)

Hole Size: **8 3/4"** Casing Size: **7"**

Cemented with: **1,075** sx. or _____ ft³

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)

22

See WBD

9 5/8" @ 1,200'

7 5/8" @ 400'

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 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

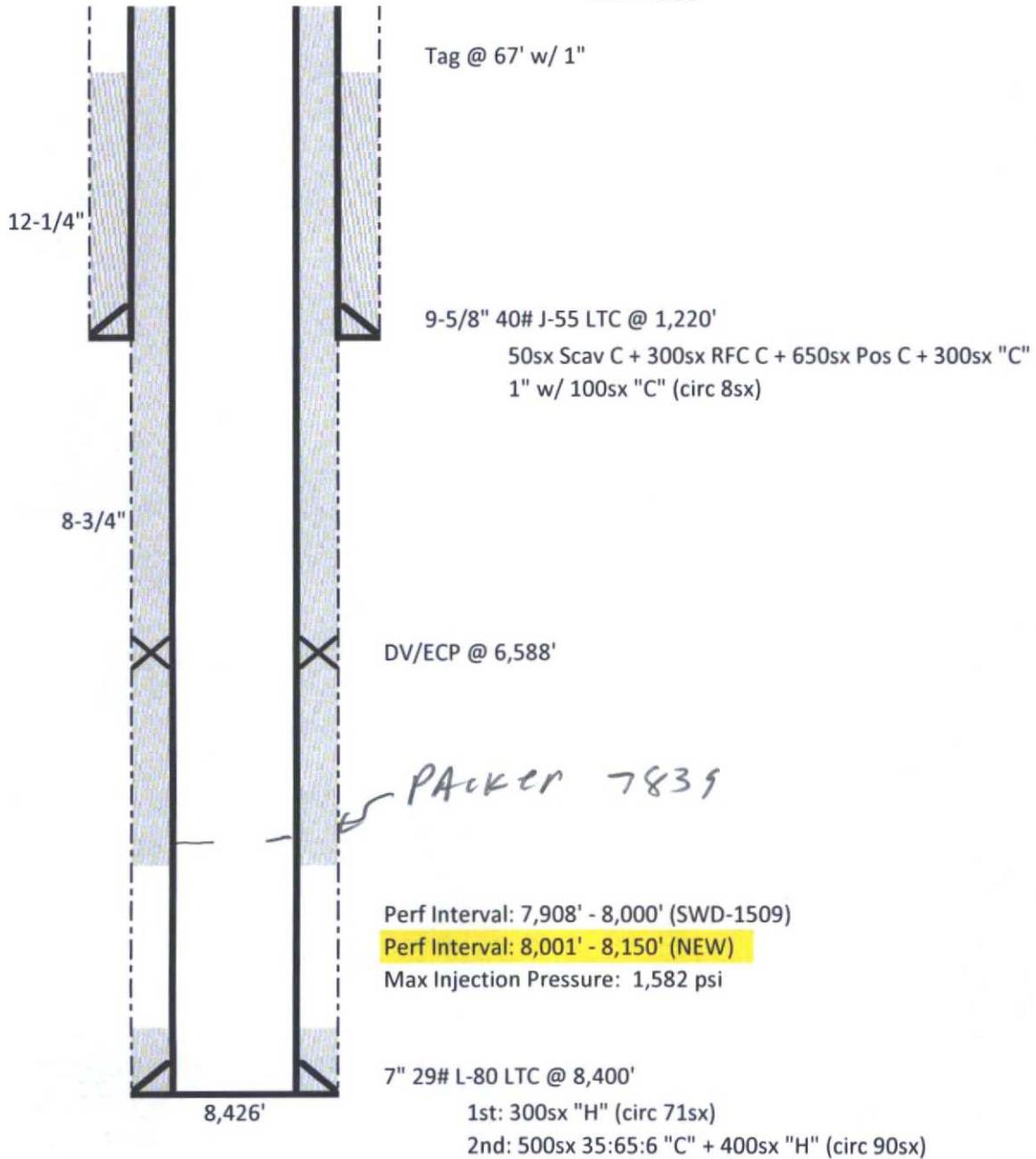
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. SWD-1509 Perf @ 7,908' - 8,000'.

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



Legend

Well No.



Outside Operator



Concho Acreage

**LAKWOOD
SWD #2
1/2 MILE
RADIUS**

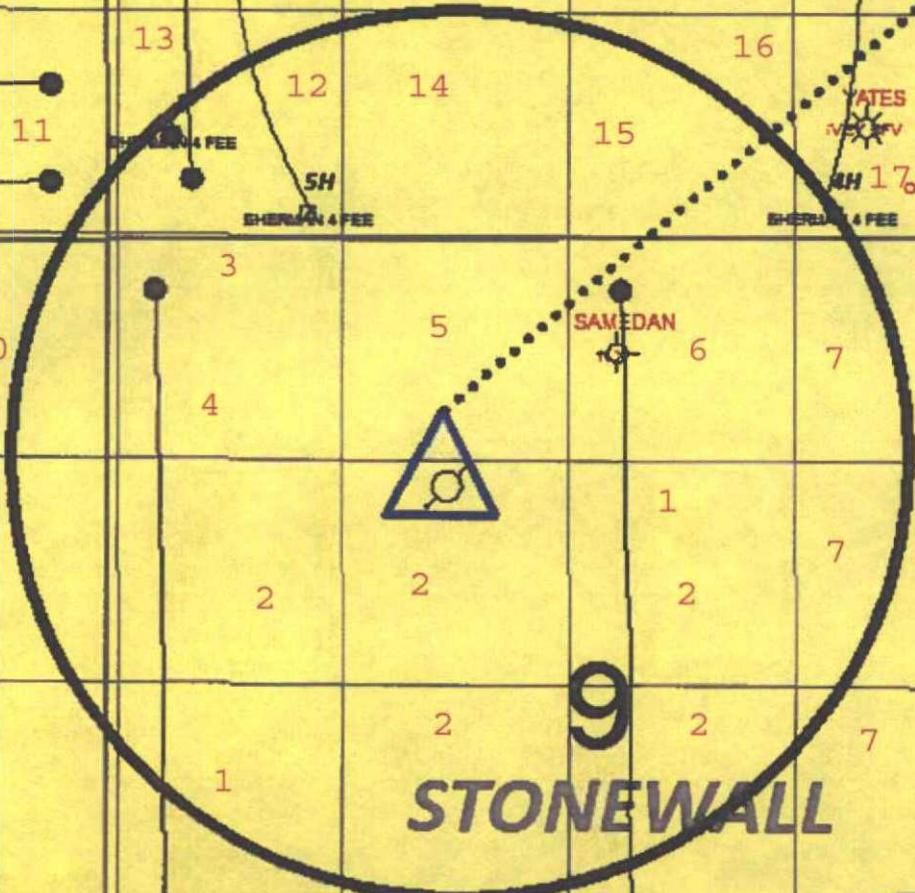
Tract Ownership

4

SHERMAN

NEARBURG
FARM

CHAMA
FARM



STONEWALL

CONCHO
S-10000-0000-0000-0000
S-10000-0000-0000-0000
SENM Shelf Area
Lakewood SWD #2
1478 TXL 1988 FWL
Sec. 9, T 28S, R 26E

| | | | |
|----------|-----|-----|-----|
| Well No. | 1 | 2 | 3 |
| Operator | ... | ... | ... |
| Acres | ... | ... | ... |

CHAMA
STEVENSON

11

13

12

14

15

16

17

WATES
WATER

CORINE
CHOCORPUS

6H

HOWARD
LEE 3 FEE

5H
SHERMAN 4 FEE

SHERMAN 4 FEE

GASKINS
GASKINS

FEATHERSTONE
MERCANT

10

3

5

SAMEDAN

6

7

4

9

2

2

1

2

7

8

1

2

9

2

7

3H

STONEWALL 10 FEE (Lessor)

3H

STONEWALL 10 FEE (Lessor)

BRASS 10 FEE (Lessor)

BRASS 10 FEE

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.

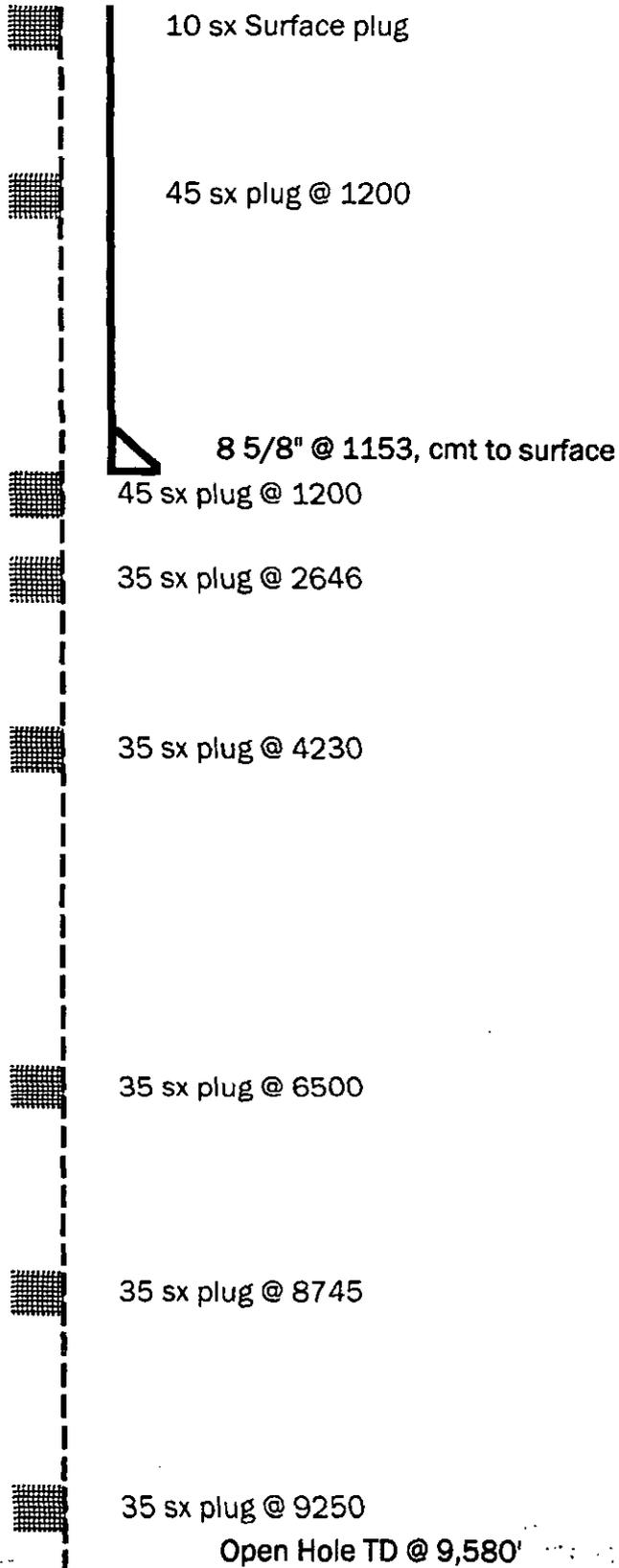
Please see attached wellbore diagram and cross section.

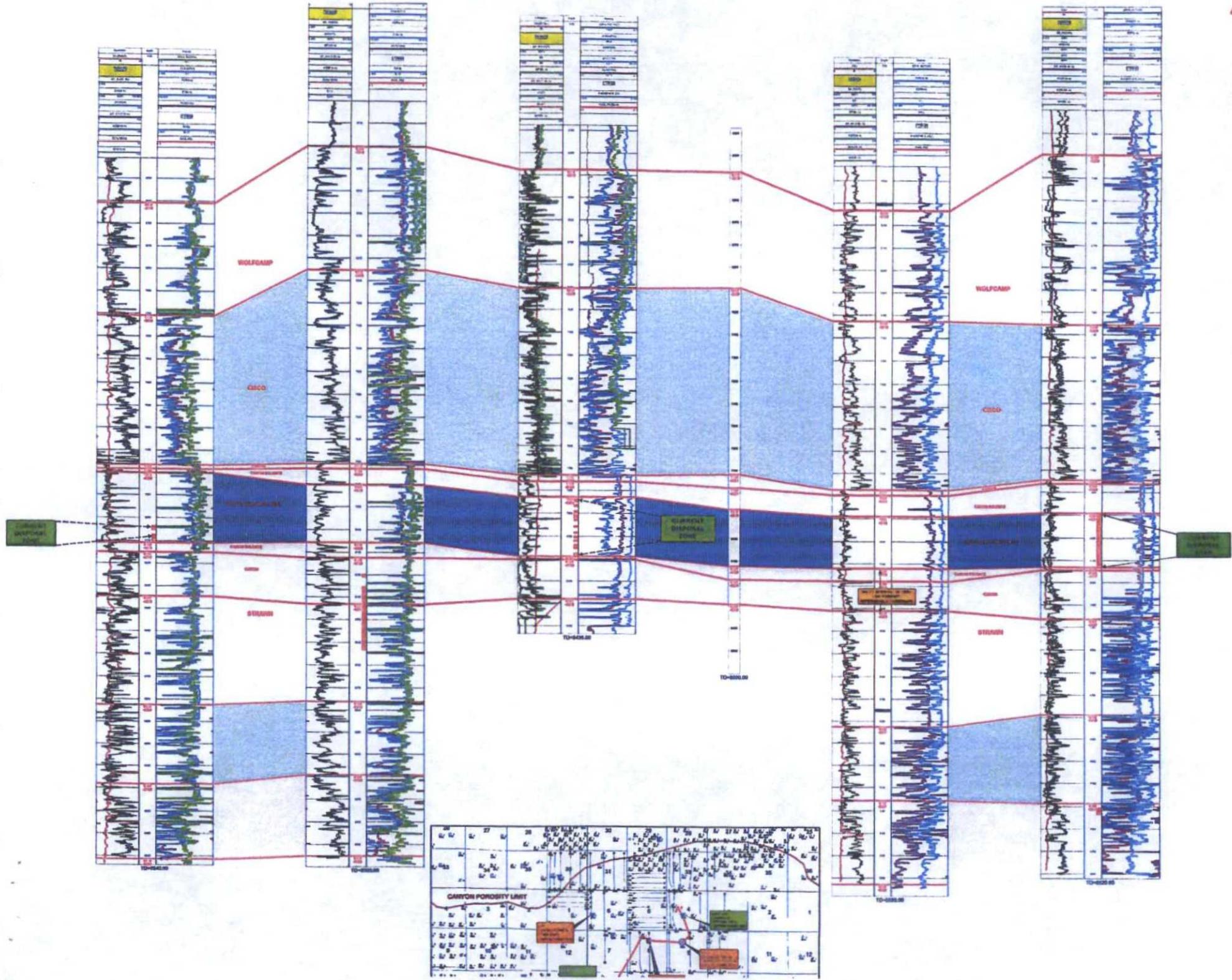
COG SENM SWD

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:

| | | | | | | | |
|---------------------|----------|-----------------------------------|----------|---------|-------------------------------|---------|---------|
| Sampling Date: | 3/4/2013 | Anions | mg/l | meq/l | Cations | mg/l | meq/l |
| Analysis Date: | 3/6/2013 | Chloride: | 113841.8 | 3211.06 | Sodium: | 68210.0 | 2966.97 |
| Analyst: | Catalyst | Bicarbonate: | 329.4 | 5.4 | Magnesium: | 955.1 | 78.57 |
| TDS (mg/l or g/m3): | 190610.9 | Carbonate: | | | Calcium: | 3785.0 | 188.87 |
| Density (g/cm3): | 1.129 | Sulfate: | 2300.0 | 47.89 | Potassium: | 1111.0 | 28.41 |
| Hydrogen Sulfide: | 120 | | | | Strontium: | 78.6 | 1.79 |
| Carbon Dioxide: | 160 | | | | Barium: | 0.0 | 0. |
| Comments: | | pH at time of sampling: | | 6.7 | Iron: | 0.0 | 0. |
| | | pH at time of analysis: | | | Manganese: | 0.000 | 0. |
| | | pH used in Calculation: | | 6.7 | Conductivity (micro-ohms/cm): | | 198100 |
| | | Temperature @ lab conditions (F): | | 75 | Resistivity (ohm meter): | | .0505 |

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

| Temp | Calcite CaCO ₃ | | Gypsum CaSO ₄ *2H ₂ O | | Anhydrite CaSO ₄ | | Celestite SrSO ₄ | | Barite BaSO ₄ | |
|------|------------------------------|--------|--|--------|--------------------------------|--------|--------------------------------|--------|-----------------------------|--------|
| | Index | Amount | Index | Amount | Index | Amount | Index | Amount | Index | Amount |
| 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.

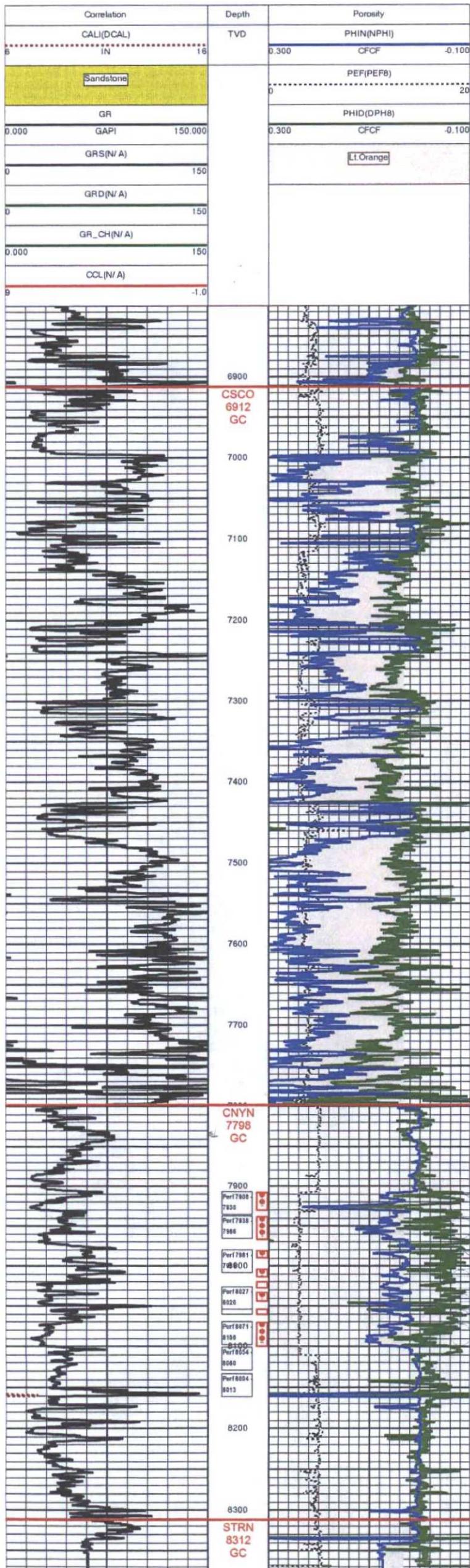
COG Operating, LLC
Lakewood SWD #2
API# 30-015-40718
F-9-19S-26E
1470' FNL & 1980' FWL
Eddy County, NM

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)

| WR File Nbr | Sub basin | Use | Diversion | Owner | County | POD Number | Code | Grant | Source | (quarters are 1=NW 2=NE 3=SW 4=SE) | | | | (NAD83 UTM in meters) | | Distance | |
|-------------|--------------|-----|-----------|---------------------------------|--------|------------|-------|---|----------|------------------------------------|-----|-----|-----|-----------------------|--------|----------|------|
| | | | | | | | | | | Sec | Twp | Rng | Q | X | Y | | |
| RA 06813 | | DOM | | 3 KELLI M BUSH | CH | RA 06813 | | DTW: 97 ft; TD: 171 ft | Shallow | 1 | 1 | 09 | 19S | 26E | 558883 | 3816006* | 403 |
| RA 12107 | | SAN | | 1 TONY PENNINGTON | ED | RA 12107 | POD1 | Application only | | 2 | 2 | 08 | 19S | 26E | 558547 | 3816289* | 898 |
| RA 04272 | | DOM | | 3 S. H. RABY | ED | RA 04272 | | DTW: 58 ft; TD: 102 ft | Shallow | 2 | 4 | 05 | 19S | 26E | 558678 | 3816581* | 1025 |
| RA 08129 | | DOM | | 3 MARTIN O. LOPEZ | ED | RA 08129 | | DTW: 90 ft; TD: 125 ft | Shallow | 4 | 4 | 05 | 19S | 26E | 558477 | 3816462* | 1030 |
| RA 03579 | | OIL | | 0 JERRY CURTIS RALPH NIX | ED | RA 03579 | | Application only | | 4 | 4 | 04 | 19S | 26E | 558184 | 3816385* | 1061 |
| RA 06895 | | DOM | | 3 VERNON L. GALLOWAY | ED | RA 06895 | | DTW: 100 ft; TD: 150 ft | Shallow | 1 | 4 | 04 | 19S | 26E | 557679 | 3816888* | 1129 |
| RA 06567 | | DOM | | 3 ALVARADO MARTIN C | ED | RA 06567 | | DTW: 80 ft; TD: 264 ft | Shallow | 1 | 4 | 05 | 19S | 26E | 558378 | 3816581* | 1171 |
| RA 07124 | | DOM | | 3 RUSSELL H. AND DONNA J. CLACK | CH | RA 07124 | | DTW: 94 ft; TD: 133 ft | Shallow | 4 | 2 | 05 | 19S | 26E | 558571 | 3816765* | 1185 |
| RA 06568 | | STK | | 3 G. I. JOHNSON | ED | RA 06568 | | DTW: Unkn; TD: 200 ft | Shallow | 4 | 3 | 05 | 19S | 26E | 558173 | 3816380* | 1232 |
| RA 03564 | | DOM | | 3 CHARLES T. GASKINS | ED | RA 03564 | | DTW: 70 ft; TD: 200 ft | Shallow | 1 | 1 | 10 | 19S | 26E | 558491 | 3816060* | 1238 |
| RA 01230 | | COM | | 48.99 H. G. HEAVENHILL | XX | RA 01230 | | WR consolidation | Artesian | 1 | 1 | 04 | 19S | 26E | 558774 | 3816988* | 1258 |
| RA 03188 | | DOM | | 3 OMD LLC | ED | RA 03188 | | DTW: 70 ft; TD: 150 ft | Shallow | 1 | 1 | 04 | 19S | 26E | 558774 | 3816988* | 1258 |
| RA 04828 | | PUB | | 0 SKOUSEN-HISE CONTRACTING CO. | ED | RA 04828 | | Application only | | 1 | 1 | 04 | 19S | 26E | 558774 | 3816988* | 1258 |
| RA 07239 | | DOM | | 3 CLIFTON B MANN JR | ED | RA 07239 | | DTW: 100 ft; TD: 191 ft | Shallow | 2 | 4 | 05 | 19S | 26E | 558472 | 3816886* | 1325 |
| RA 07324 | | DOM | | 3 RICKY GALLOWAY | ED | RA 07324 | | DTW: 105 ft; TD: 150 ft | Shallow | 2 | 4 | 04 | 19S | 26E | 558880 | 3816870* | 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 | 10 | 19S | 26E | 558580 | 3816159* | 1357 |
| | | | | | ED | RA 01215 | CLWPU | | Artesian | 2 | 1 | 10 | 19S | 26E | 558580 | 3816159* | 1357 |
| RA 03118 | | DOM | | 3 CHAS T. GASKINS | ED | RA 03118 | | DTW: Unkn; TD: 195 ft | Shallow | 2 | 1 | 10 | 19S | 26E | 558580 | 3816159* | 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 | Diversions | Owner | County | POD Number | Code | Grant | Q Q Q | | | | X | Y | Distance | | |
|-------------|-----------|-----|------------|-------------------|--------|------------|------|----------------------|---------|-----|-----|-------|-----|--------|----------|----------|------|
| | | | | | | | | | Source | Sec | Twp | Range | | | | | |
| RA 11313 | | DOL | 0 | ERNESTO C RIOS | ED | RA 11313 | POD1 | Expired permit | 2 | 2 | 04 | 19S | 28E | 558217 | 3816858 | 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 | 05 | 19S | 28E | 558169 | 3816864* | 1597 |
| RA 08988 | | DOM | 3 | THOMAS F. KILOUGH | ED | RA 08988 | | DTW: 165; TD: 195 ft | Shallow | 1 | 4 | 05 | 19S | 28E | 558070 | 3816885* | 1601 |
| RA 07172 | | DOM | 3 | THOMAS F. KILOUGH | ED | RA 07172 | | DTW: 95; TD: 210 ft | Shallow | 1 | 4 | 05 | 19S | 28E | 558070 | 3816885* | 1601 |
| RA 07181 | | DOM | 0 | THOMAS F. KILOUGH | ED | RA 07181 | | Expired permit | | 1 | 4 | 05 | 19S | 28E | 558070 | 3816885* | 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

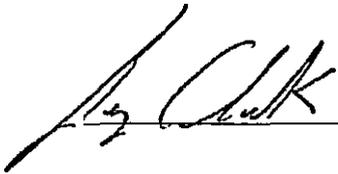
SUMMARY: 16 wells within one-mile radius; one deep artesian well; 15 domestic or livestock; 9 wells in Sec. 5; water sample in NM Tech database

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/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.

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.



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 |
| DDDF 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. Lochhead | 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 black ink that reads "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,

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

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,

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

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
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

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,

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

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
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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

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
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



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
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Sincerely,

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

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
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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,

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

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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Sincerely,

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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
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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
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SWD;Cisco 96099
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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

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
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SWD;Cisco 96099
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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 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
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SWD;Cisco 96099
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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

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

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 that reads "Chasity Jackson".

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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Sincerely,

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

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

To Whom It May Concern:

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

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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Sincerely,

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

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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Sincerely,

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

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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Sincerely,

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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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Sincerely,

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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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Sincerely,

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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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Sincerely,

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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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Chasity Jackson
COG Operating LLC
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 ½-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

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

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?

From: Chasity Jackson [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.

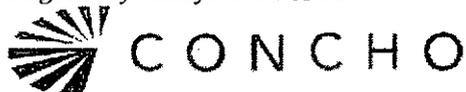
McMillan, Michael, EMNRD

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



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

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

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

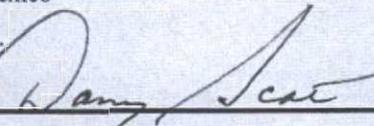
Affidavit of Publication

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:

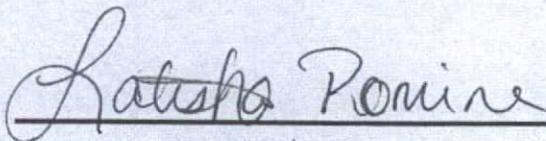
| | |
|--------------------|------------------------|
| First Publication | <u>October 8, 2015</u> |
| Second Publication | _____ |
| Third Publication | _____ |
| Fourth Publication | _____ |
| Fifth Publication | _____ |
| Sixth Publication | _____ |

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
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 / SWH Lot _____ or Unit R Sec 9 Tsp 195 Rge 265 County Eddy

General Location: N / McMillan Ave Pool: S&A, CISCO Pool No.: 96096

BLM 100K Map: Antesic Operator: COG-Operations OGRID: 229P7 Contact: K. JACKSON

COMPLIANCE RULE 5.9: Total Wells: _____ Inactive: _____ Fincl 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 St. Cf | Cement Top and Determination Method |
|---|-----------------------|--|-------------|---------------------------|------------------|-------------------------------------|
| | Borehole / Pipe | | Depths (ft) | Stage Tool | | |
| 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 7/8 / 7 1/2</u> | | <u>840</u> | | <u>1300</u> | <u>SUNFAN / VISCA</u> |
| Planned ___ or Existing ___ Prod/Liner | | | | | | |
| Planned ___ or Existing ___ Liner | | | | | | |
| Planned ___ or Existing ___ OHT/PERP | <u>7 9/8 / 8 1/2</u> | | | <u>Inj Length 242</u> | | |

| Injection Lithostratigraphic Units: | Depths (ft) | Injection or Confining Units | Tops | Completion/Operation Details: | |
|-------------------------------------|-------------|------------------------------|------------|---|------------------|
| Adjacent Unit: Litho. Struc. Por. | <u>SWH</u> | <u>CN</u> | <u>774</u> | Drilled TD <u>8426</u> | PBTD <u>8410</u> |
| Confining Unit: Litho. Struc. Por. | <u>SWH</u> | <u>SWH</u> | <u>825</u> | NEW TD _____ | 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. | <u>SWH</u> | | | Min. Packer Depth <u>7104</u> (100-ft limit) | |
| | | | | Proposed Max. Surface Press. <u>1582</u> psi | |
| | | | | Admin. Inj. Press. <u>1582</u> (0.2 psi per ft) | |

AOR: Hydrologic and Geologic Information

POTASH: R-111-P N/A Noticed? BLM Sec Ord WIPP Noticed? Salt/Salado T: _____ B: _____ NW: Cliff House fm _____

FRESH WATER: Aquifer Albuquerque Max Depth 250' HYDRO AFFIRM STATEMENT By Qualified Person

NMOSE Basin: Antesic CAPITAN REEF: thru adj NA No. Wells within 1-Mile Radius? 16 FW Analysis _____

Disposal Fluid: Formation Source(s) YESO Analysis? N/A On Lease Operator Only or Commercial

Disposal Int: Inject Rate (Avg/Max BWPD): 10000/2000 Protectable Waters? _____ Source: _____ System: Closed or Open

HC Potential: Producing Interval? N/A Formerly Producing? N/A Method: Logs/DST/P&A/Other X-section 2-Mile Radius Pool Map

AOR Wells: 1/2-M Radius Map? Y Well List? Y Total No. Wells Penetrating Interval: 1 Horizontals? N/A

Penetrating Wells: No. Active Wells 1 Num Repairs? 0 on which well(s)? _____ Diagrams? _____

Penetrating Wells: No. P&A Wells 1 Num Repairs? _____ on which well(s)? _____ Diagrams? _____

NOTICE: Newspaper Date October 6 Mineral Owner _____ Surface Owner Concho N. Date _____

RULE 26.7(A): Identified Tracts? _____ Affected Persons: Abopetroleum, Myco N. Date October 6, 2015

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: Down Artesian Corridor / near 7 Rivers / North of McMurree Lake 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>12 1/4 / 9 5/8</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>Some 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> | Completion/Operation Details: | |
| | | | <u>280'</u> | Drilled TD <u>NA</u> | PBDT <u>NA</u> |
| Injection Lithostratigraphic Units: | Depths (ft) | Injection or Confining Units | Tops | NEW TD <u>8400</u> | NEW PBDT <u>NA</u> |
| Adjacent Unit: Litho. Struc. Por. | | | | NEW Open Hole <input type="checkbox"/> or NEW Perfs <input checked="" type="checkbox"/> | |
| Confining Unit: Litho. Struc. Por. | | | | Tubing Size <u>3 1/2</u> in. Inter Coated? <u>Yes</u> | |
| Proposed Inj Interval TOP: | | <u>(Same as SWD-1354)</u> | | Proposed Packer Depth <u>< 100'</u> ft | |
| Proposed Inj Interval BOTTOM: | | | | Min. Packer Depth <u>7620</u> (100-ft limit) | |
| Confining Unit: Litho. Struc. Por. | | | | Proposed Max. Surface Press. <u>1572</u> psi | |
| Adjacent Unit: Litho. Struc. Por. | | | | Admin. Inj. Press. <u>1544</u> (0.2 psi per ft) | |

AOR: Hydrologic and Geologic Information

PQTASH: R-111-P Noticed? No BLM Sec Ord 16 WIPP Noticed? NA SALT/SALADO T: --- B: --- CLIFF HOUSE ---

FRESH WATER: Aquifer: Roswell shallow / alluvial / Decatur alluvial Max Depth: art. < 1200' HYDRO AFFIRM STATEMENT By Qualified Person

NMOSE Basin: Roswell Artesian CAPITAN REEF thru ad NAO No Wells within 1-Mile Radius? 16 FW Analysis

Disposal Fluid: Formation Source(s) Yes 0 Producers / BS & WC Analysis? No - historical Lease Operator Only or Commercial

Disposal Int: Inject Rate (Avg/Max BWPD): 10000/20000 Protectable Waters? No Source: Historical System: Closed or Open

HC Potential: Producing Interval? No Formerly Producing? No Method: Logs/DST/P&A Other area 3-Mile Radius Pool Map

AOR Wells: 1/2-M Radius Map? Well List? Total No. Wells Penetrating Interval: 1 Horizontals?

Penetrating Wells: No. Active Wells Num Repairs? on which well(s)? --- Diagrams? NA

Penetrating Wells: No. P&A Wells Num Repairs? on which well(s)? Re-entry of open hole not feasible to re-plug - brown isolated Diagrams?

NOTICE: Newspaper Date 10/1/2014 Mineral Owner Fee Surface Owner Fee/Concho N. Date 10/23/14

RULE 26.7(A): Identified Tracts? Affected Persons: 13 Individuals + Estates/trusts / TIG Properties N. Date 10/23/14

Order Conditions: Issues: None

Add Order Cond: No special requirements

McMillan, Michael, EMNRD

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

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?

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