

Proof of Notice
on: 12/7/15

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]
- [A] Location - Spacing Unit - Simultaneous Dedication
 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

RECEIVED OCD
 2015 JUN 23 P 3:35

[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.

| | | | |
|--|--------------------|--|---------------|
| <u>BRIAN COLLINS</u> Print or Type Name | _____ Signature | <u>Operations Engineering Advisor</u> Title | _____ Date |
| | | <u>bcollins@concho.com</u> e-mail Address | |

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: 2208 West Main St, Artesia, NM 88210
CONTACT PARTY: BRIAN COLLINS PHONE: 575-748-6940
- 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: BRIAN COLLINS TITLE: Operations Engineering Advisor

SIGNATURE: _____ DATE: _____

E-MAIL ADDRESS: bcollins@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: _____

C-108 Application for Authorization to Inject
COINFLIP 18 STATE SWD 1
380' FSL, 760' FWL
Unit M, Sec 18, T20S, R30E
Eddy County, NM

COG Operating, LLC, proposes to drill the captioned well and make it into an open hole Devonian-Silurian-Ordovician SWD well from approximately 12,950' to 14,650'.

- V. Map is attached.
- VI. No wells within the ½ mile radius area of review penetrate the proposed injection zone.
- VII.
 - 1. Proposed average daily injection rate = 17,300 BWPD
Proposed maximum daily injection rate = 25,000 BWPD
 - 2. Closed system
 - 3. Proposed maximum injection pressure = 2590 psi
(0.2 psi/ft. x 12950' ft.)
 - 4. Source of injected water will be Delaware Sand, Bone Spring and Wolfcamp produced water. No compatibility problems are expected (we've seen no compatibility issues in other Devonian SWDs that take the same produced water as the proposed SWD well). Analyses of Delaware, Bone Spring and Wolfcamp waters are attached. There are no Devonian-Silurian-Ordovician receiving formation water analyses available in this area.
- VIII. The injection zone is the Devonian-Silurian-Ordovician from 12950' to 14650' which is composed of porous limestone and dolomite. Any underground water sources will be shallower than 250' based on water well records in the SW/4, Section 12, T20S, R29E.
- IX. The Devonian-Silurian-Ordovician injection interval will be acidized with approximately 40,000 gals of 20% HCl acid.
- X. Well logs, if run, will be filed with the Division. There are no nearby well logs available for the Devonian-Silurian-Ordovician section.
- XI. There are no fresh water wells within a mile of the proposed SWD well.
- XII. After examining the available geologic and engineering data, no evidence was found of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Proof of Notice is attached.

III.

WELL DATA

INJECTION WELL DATA SHEET

OPERATOR: COG Operating, LLC

WELL NAME & NUMBER: CoinFlip 18 State SWD #1

WELL LOCATION: 380' FSL 760' FWL M 18 20s 30e
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA
Surface Casing

Hole Size: 17 1/2" Casing Size: 13 3/8" e ± 1600'
Cemented with: - sx. or ± 2200' ft³
Top of Cement: Surface Method Determined: Design

Intermediate Casing

Hole Size: 12 1/4" Casing Size: 9 5/8" e ± 3500'
Cemented with: - sx. or ± 2000' ft³
Top of Cement: Surface Method Determined: Design

Production Casing

Hole Size: 8 3/4" Casing Size: 7" e ± 12,950'
Cemented with: - sx. or ± 2500' ft³
Top of Cement: 1500' Method Determined: Design
Total Depth: 14,650'

Injection Interval

12,950' feet to 14,650'

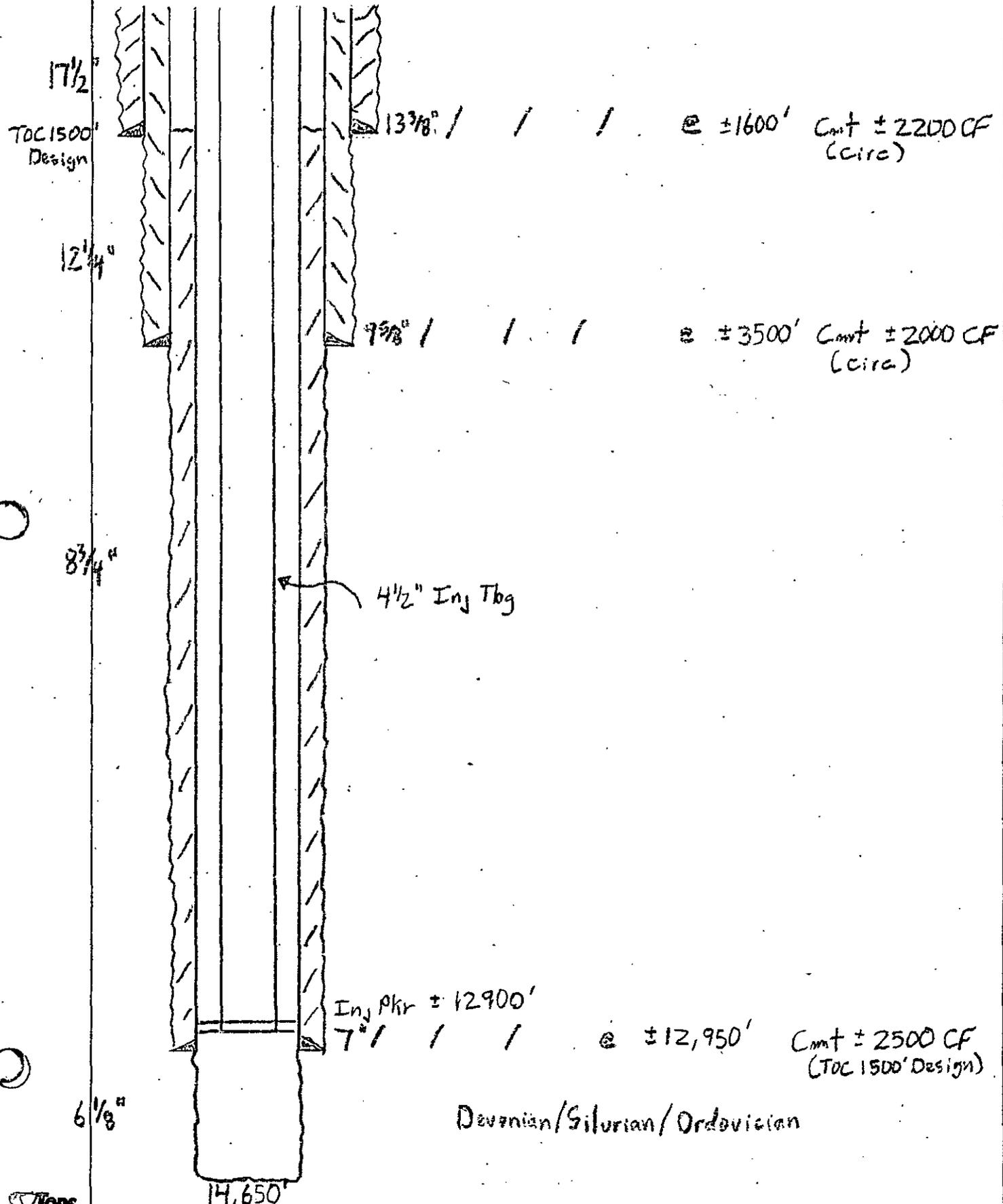
(Perforated or Open Hole indicate which)

See Attached Schematic

30-015 -

Coin Flip 18 State SWD #1
380' FSL, 760' FWL
M - 18 - 20s - 30e
Eddy NM

E_{grd}:
KB:
6L:



TOC 1500'
Design

17 1/2"

13 3/8" / / /

@ ±1600'

C_{mt} ± 2200 CF
(circ)

12 1/4"

9 5/8" / / /

@ ±3500'

C_{mt} ± 2000 CF
(circ)

8 3/4"

4 1/2" Inj Tbg

Inj Pkr ± 12900'

7" / / /

@ ±12,950'

C_{mt} ± 2500 CF
(TOC 1500' Design)

6 1/8"

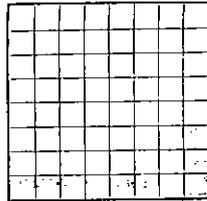
Devonian/Silurian/Ordovician

14,650'

V.

MAP

U. S. LAND OFFICE **Artesia**
SERIAL NUMBER **LC 029003-4**
LEASE OR PERMIT TO PROSPECT **Lease**



RECEIVED
OCT 25 1963
UNITED STATES RECEIVED
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
OCT 28 1963
D. C. C. ARTESIA OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY
Company **Oceana Natural Gasoline Co.** Address **Box 3908, Odessa, Texas**
Lessor or Tract **Federal Dunley** Field **Undesignated** State **New Mexico**
Well No. **1** Sec. **24** T. **20S** R. **29E** Meridian **101N** County **Tddy**
Location **.560** ft. **N** of **S** Line and **.560** ft. **E** of **W** Line of **Sec. 24** Elevation **3325'**
The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.
Signed *[Signature]*

Date **October 23, 1963** Title **Production Superintendent**
The summary on this page is for the condition of the well at above date.

Commenced drilling **May 19, 1963** Finished drilling **October 3, 1963**

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **12,102** to **12,229' (G)** No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

| Size casing | Weight per foot | Threads per inch | Make | Amount | Kind of case | Cut and pulled from | Perforated | | Purpose |
|-------------|-----------------|------------------|-------|--------|--------------|---------------------|------------|----|------------|
| | | | | | | | From | To | |
| 13-3/8 | 48.5 | 8.0 | McV | 1100' | Baker | | | | Surface |
| 9-5/8 | 36.7 | 8.0 | J & L | 1100' | Baker | | | | Sub-string |
| 7" | 32.4 | 8.0 | J & L | 1020' | Baker | 12,102 | 12,229' | | Oil String |
| | 26.4 | | | | | | | | |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| .20 | 380' | 755' | Pmp & Plug | N.O.N.E. | |
| 13-3/8 | 1102' | 1173' | Pmp & Plug | N.O.N.E. | |
| 9-5/8 | 3767' | 1513' | Pmp & Plug | N.O.N.E. | |
| 7" | 12104' | 800' | Pmp & Plug | N.O.N.E. | |

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material **Baker Cut Retainer set @ 12,017'. Squeezed below w/80 lbs. Shear to 3500 psi. Dropped 34' size next to SHOOTING RECORD top of retainer. PSTD 12,817'**

SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|------|------------|----------------|----------|------|------------|-------------------|
| | | | | | | |

TOOLS USED

Rotary tools were used from _____ feet to **13,415'** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

October 23, 1963 **10-23-63** **Completed: 10-18-63**
The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours **COF: 15.7 MM** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **CFPD** Gas/Liquid Ratio: **333,000 cu ft/bbl.**

EMPLOYEES

E. Buchanan, Driller **W. P. Tadlock**, Driller
R. L. Blakney, Driller **C. V. Kram**, Driller

FORMATION RECORD

| FROM | TO | TOTAL FEET | FORMATION |
|------|-------|------------|--------------------------------|
| | | | TOPS: (Log) |
| | | | Delaware 3896' |
| | | | Bone Springs 6406' |
| | | | First Bone Springs 7416' |
| | | | Second Bone Springs 8177' |
| | | | Third Bone Springs Sand 9137' |
| | | | Wolfcamp 9839' |
| | | | Cisco 10430' |
| | | | Canyon Shale 10564' |
| | | | Screen 10755' |
| | | | Atoka 11036' |
| | | | Narrow 11324' |
| | | | Narrow Ls 11364' |
| | | | Narrow Sand 11850' |
| | | | Chester 12268' |
| | | | Bennett 12519' |
| | | | Lower Mississippi 12640' |
| | | | Woodford 13124' |
| | | | Devonian 13192' |
| | | | Silurian 13328' |
| 0 | 200' | 200' | Case & Line |
| 200' | 408' | 208' | Anhydrite |
| 408' | 995' | 587' | Salt |
| 995' | 2000' | 1005' | Anhydrite (Cont'd on next Pg.) |

OFFS-OR TO AS

1/2 mi SW

Tested 1963
OH.
SQZED
10/4/63

LOCATED ≈ 1 mile NW

YATES PETROLEUM CORPORATION

Zia AHZ Federal Com #2-H

983' FNL and 2490' FWL, Section 13-20S-29E, Surface Hole Location

760' FNL & 2310' FEL, Section 14-20S-29E, Bottom Hole Location

Eddy County, New Mexico

1. The estimated tops of geologic markers are as follows:

| | | | |
|---------------|-----------|--------------------|-----------|
| Rustler | 269' | Bone Spring LM | 6209'-Oil |
| Top of Salt | 344' | Avalon Shale | 6324' |
| Base of Salt | 1254' | Middle Avalon | 6504'-Oil |
| Tansill | 1299' | Lower Avalon | 6864'-Oil |
| Yates | 1403' | Bone Spring 1 /SD/ | 7314'-Oil |
| Capitan Reef | 1864' | Bone Spring 2 /SD/ | 8185'-Oil |
| Cherry Canyon | 3434'-Oil | Target Sand | 8636'-Oil |
| Brushy Canyon | 4644'-Oil | TD Lateral | 12955' |

2. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water: 100'
Oil or Gas: See above.

3. Pressure Control Equipment: Yate Petroleum Corporation respectfully requests a variance to allow placement of a 2000 PSI annular system with a 17.5" opening to be installed on the 20" casing. The annular will be pressured up to 1000 PSI and held for 30 minute test period. 3000 PSI BOPE with a 13.625" opening will be installed on the 13.3/8" casing and also on the 9 5/8" casing. Pressure tests to 3000 PSI and held for 30 minutes will be conducted before drilling out from under all casing strings, which are set and cemented in place. Blowout Preventer controls will be installed prior to drilling the surface plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. See Exhibit B.

4. Auxiliary Equipment: Kelly cock, pit level indicators, flow sensor equipment, and a sub with full opening valve to fit the drill pipe and collars will be available on the rig floor in the open position at all times for use when Kelly is not in use.

5. THE PROPOSED CASING AND CEMENTING PROGRAM:

A. Casing Program: All new casing to be used

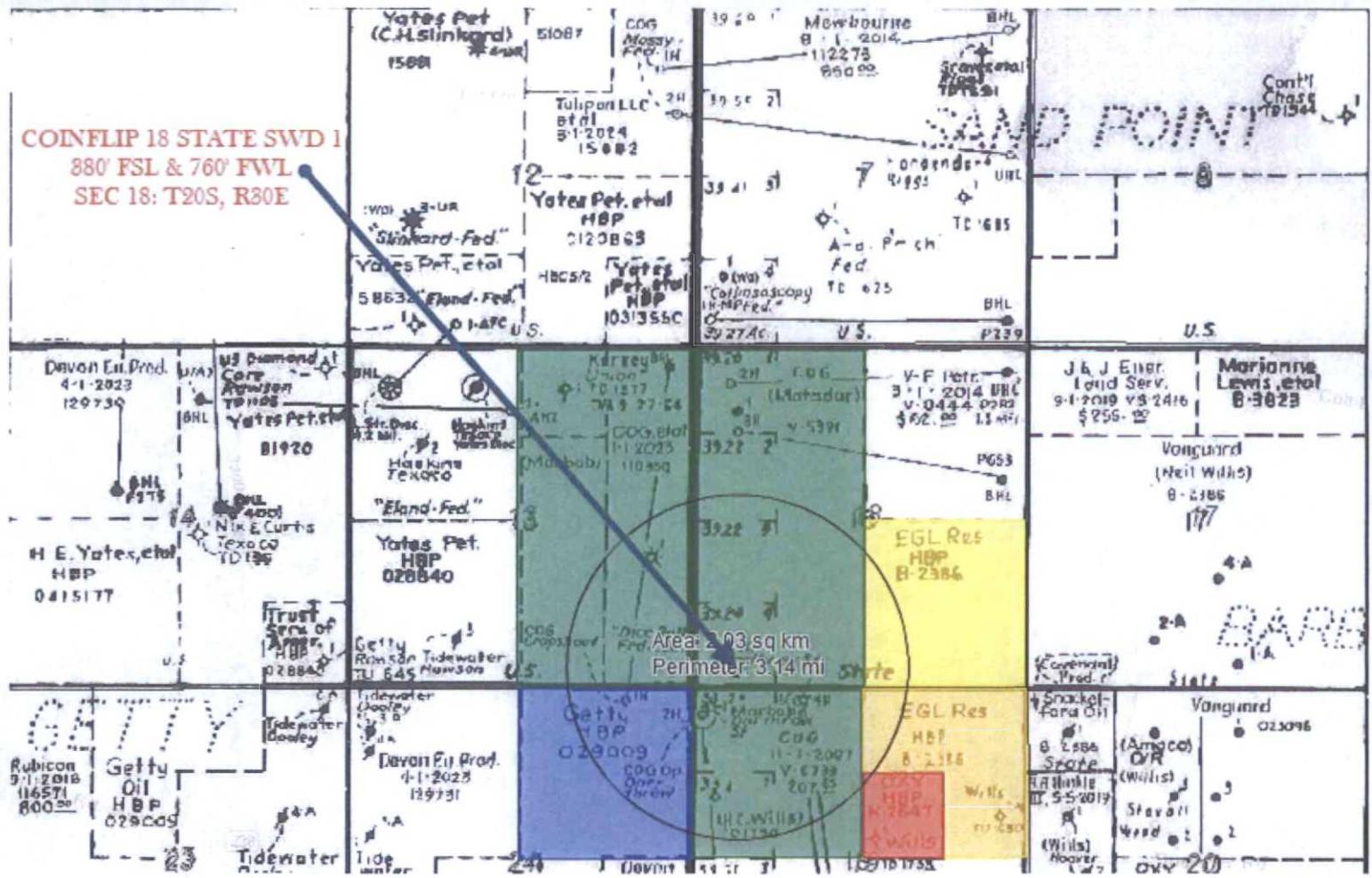
| Hole Size | Casing Size | Wt./Ft | Grade | Coupling | Interval | Length |
|-----------|-------------|--------|----------|----------|--------------|--------|
| 36" | 30" | | H-40 | | 0-40 | 40' |
| 26" | 20" | 94# | H-40 | ST&C | 0-300' | 300' |
| 17 1/2" | 13 3/8" | 54.5# | J-55 | ST&C | 0-100' | 100' |
| 17 1/2" | 13 3/8" | 48# | H-40 | ST&C | 100'-1100' | 1000' |
| 17 1/2" | 13 3/8" | 54.5# | J-55 | ST&C | 1100'-1400' | 300' |
| 12 1/4" | 9 5/8" | 36# | K-55 | LT&C | 0-3500' | 3500' |
| 8 3/4" | 5.1/2" | 17# | HCP- 110 | LT&C | 0'-8636' | 8636' |
| 8 1/2" | 5 1/2" | 17# | L-80 | LT&C | 8636'-12955' | 4319' |

Minimum Casing Design Factors: Burst 1.0, Tensile Strength 1.8, Collapse 1.125

B. CEMENTING PROGRAM:

Surface Casing: Lead with 675 sacks Class C with CaCl2 (Wt. 14.80 Yld 1.34). Designed with 100% excess cement. TOC is surface.

COINFLIP 18 STATE SWD 1
380' FSL & 760' FWL
SEC 18: T20S, R30E



COG Operating, LLC
 One Concho Center
 600 W. Illinois Ave
 Midland, TX 7970

Occidental Permian Limited, LP
 P.O. Box 4294
 Houston, TX 77210

EGL Resources, Inc.
 P.O. Box 10866
 Midland, TX 79702

Devon Energy Production Co., LP
 333 W. Sheridan
 Oklahoma City, Oklahoma 73102

Chevron USA Inc.
 3310 W Wall St
 Midland, TX 79701

Chevron USA, Inc.
 P.O. Box 2100
 Houston, TX 77252

Occidental Oil and Gas Corporation (OXY)
 5 Greenway Plaza, Suite 110
 Houston, Texas 77046

VI.

**No Wells Penetrate
Proposed Disposal
Interval Within Half
Mile Area of Review**

VII.

Water Analysis Produced Formation Water

**No Water Analyses
Available for Receiving
Formation**

1/2

WATER SAMPLES REPRESENTATIVE OF WATER BEING INJECTED INTO THE PROPOSED SWD WELL

| Delaware | | | | | | | | | | | | |
|-------------|----------------|----------|----------------|-----------|-------------|------------------|----------------|-----------|------|--------------|-----------|-----------|
| Lab Test # | Lease | Location | Salesman | Date Out | Sample Date | Specific Gravity | Ionic Strength | TDS | pH | conductivity | Ca (mg/L) | Mg (mg/L) |
| 2011128362 | Sly Hawk State | 1 | William D Polk | 9/28/2011 | 9/13/2011 | 1.17 | 4.06 | 256802.26 | 6.50 | | 26180.00 | 4101.14 |
| Bone Spring | | | | | | | | | | | | |
| Lab Test # | Lease | Location | Salesman | Date Out | Sample Date | Specific Gravity | Ionic Strength | TDS | pH | conductivity | Ca (mg/L) | Mg (mg/L) |
| 2012108003 | Boyles | 24 1H | William D Polk | 4/16/2012 | 4/3/2012 | 1.13 | 3.41 | 206441.81 | 6.69 | | 3700.86 | 841.87 |
| Wolfcamp | | | | | | | | | | | | |
| Lab Test # | Lease | Location | Salesman | Date Out | Sample Date | Specific Gravity | Ionic Strength | TDS | pH | conductivity | Ca (mg/L) | Mg (mg/L) |
| 2012105892 | Augustus 10 | 1H | | 3/15/2012 | 3/8/2012 | 1.06 | 1.46 | 89771.55 | 6.60 | | 3963.30 | 639.83 |

2/2

| TH (CaCO3) | Na (mg/L) | K (mg/L) | Zn (mg/L) | Fe (mg/L) | Ba (mg/L) | Sr (mg/L) | Mn (mg/L) | Resistivity | HCO3 (mg/L) | CO3 (mg/L) | OH (mg/L) | SO4 (mg/L) | Cl (mg/L) | CO2 (mg/L) | H2S (mg/L) |
|------------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-------------|-------------|------------|-----------|------------|-----------|------------|------------|
| 83379.63 | 62970.16 | 1133.12 | 38.78 | 20.06 | 1.64 | 905.03 | 9.33 | | 73.00 | 0.00 | | 70.00 | 161300.00 | 360.00 | 0.00 |
| TH (CaCO3) | Na (mg/L) | K (mg/L) | Zn (mg/L) | Fe (mg/L) | Ba (mg/L) | Sr (mg/L) | Mn (mg/L) | Resistivity | HCO3 (mg/L) | CO3 (mg/L) | OH (mg/L) | SO4 (mg/L) | Cl (mg/L) | CO2 (mg/L) | H2S (mg/L) |
| 13271.35 | 69386.15 | 1109.30 | 0.00 | 17.57 | 0.00 | 483.07 | 0.00 | | 1403.00 | 0.00 | | 700.00 | 128800.00 | 400.00 | 0.00 |
| TH (CaCO3) | Na (mg/L) | K (mg/L) | Zn (mg/L) | Fe (mg/L) | Ba (mg/L) | Sr (mg/L) | Mn (mg/L) | Resistivity | HCO3 (mg/L) | CO3 (mg/L) | OH (mg/L) | SO4 (mg/L) | Cl (mg/L) | CO2 (mg/L) | H2S (mg/L) |
| 13352.51 | 28320.32 | 350.70 | 0.00 | 17.85 | 1.77 | 707.79 | 0.00 | | 220.00 | 0.00 | | 950.00 | 54600.00 | 60.00 | 0.00 |

X.

**No Log Available Across
Proposed
Devonian/Silurian/Upper
Ordovician Injection Interval**

XI.

Fresh Water Sample Analyses



New Mexico Office of the State Engineer
Active & Inactive Points of Diversion
(with Ownership Information)

No PODs found.

PLSS Search:

Section(s): 7, 8, 17, 18, 19, **Township:** 20S **Range:** 30E
20



New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(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 | 6416 | 4 | Sec | Tws | Rng | X | Y | |
|-------------|-----------|-----|-----------|-----------------------------|--------|------------|------|-------|---------|------|---|-----|-----|-----|--------|----------|----------|
| CP 00740 | | PRO | | 3 YATES PETROLEUM CORP. | ED | CP 00740 | | | | 2 | 3 | 3 | 12 | 20S | 29E | 590669 | 3605509* |
| CP 00745 | | PRO | | 0 YATES PETROLEUM | ED | CP 00745 | | | Shallow | 4 | 1 | 3 | 12 | 20S | 29E | 590653 | 3605782 |
| CP 00832 | | PLS | | 3 SNYDER RANCHES | LE | CP 00832 | | | Shallow | 2 | 3 | 12 | 20S | 29E | 590971 | 3605815* | |
| CP 01111 | | PRO | | 0 CONCHO OIL AND GAS | ED | CP 00745 | | | Shallow | 4 | 1 | 3 | 12 | 20S | 29E | 590653 | 3605782 |
| CP 01112 | | PRO | | 0 CONCHO OIL & GAS | ED | CP 00745 | | | Shallow | 4 | 1 | 3 | 12 | 20S | 29E | 590653 | 3605782 |
| CP 01113 | | PRO | | 0 BUREAU OF LAND MANAGEMENT | ED | CP 00745 | | | Shallow | 4 | 1 | 3 | 12 | 20S | 29E | 590653 | 3605782 |

> 1 mile away

Record Count: 6

PLSS Search:

Section(s): 12, 13, 24 **Township:** 20S **Range:** 29E

Sorted by: File Number

*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.



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

POD Number

CP 00740

Q64 Q16 Q4 Sec Tws Rng

2 3 3 12 20S 29E

X

Y

590669 3605509* 

Driller License: 46

Driller Name: ABBOTT, MURRELL

Drill Start Date: 02/14/1989

Drill Finish Date: 02/19/1989

Plug Date: 02/27/1989

Log File Date: 03/02/1989

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well: 150 feet

Depth Water:

*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.

3/4/15 4:12 PM

Page 1 of 1

POD SUMMARY - CP 00740



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

POD Number

Q64 Q16 Q4 Sec Tws Rng

X

Y

CP 00745

4 1 3 12 20S 29E

590653 3605782

Driller License: 421

Driller Name: GLENN, CLARK A."CORKY" (LD)

Drill Start Date: 12/09/1989

Drill Finish Date: 12/09/1989

Plug Date:

Log File Date: 12/19/1989

PCW Rcv Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield: 150 GPM

Casing Size: 6.63

Depth Well: 232 feet

Depth Water:

| Water Bearing Stratifications: | Top | Bottom | Description |
|--------------------------------|-----|--------|-------------|
| | | 179 | |

| Casing Perforations: | Top | Bottom |
|----------------------|-----|--------|
| | | 172 |

| | | | |
|-----------------------------|---------|-----------------------------|-----------|
| Meter Number: | 8512 | Meter Make: | MASTER |
| Meter Serial Number: | 317700 | Meter Multiplier: | 100.0000 |
| Number of Dials: | 6 | Meter Type: | Diversion |
| Unit of Measure: | Gallons | Return Flow Percent: | |
| Usage Multiplier: | | Reading Frequency: | Quarterly |

Meter Readings (in Acre-Feet)

| Read Date | Year | Mtr Reading | Flag | Rdr | Comment | Mtr Amount |
|------------|------|-------------|------|-----|---------|------------|
| 09/23/2003 | 2003 | 43554 | A | jw | | 0 |
| 11/26/2003 | 2003 | 53304 | A | jw | | 2.992 |
| 01/16/2004 | 2004 | 63504 | A | jw | | 3.130 |
| 03/17/2004 | 2004 | 73274 | A | jw | | 2.998 |
| 12/13/2004 | 2004 | 24507 | A | jw | | 0 |
| 02/14/2005 | 2005 | 24507 | A | RPT | | 0 |

| **YTD Meter Amounts: | Year | Amount |
|----------------------|------|--------|
| | 2003 | 2.992 |
| | 2004 | 6.128 |
| | 2005 | 0 |

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.



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

POD Number

Q64 Q16 Q4 Sec Tws Rng

X

Y

CP 00832

2 3 12 20S 29E

590971 3605815*

Driller License: 122

Driller Name:

Drill Start Date:

Drill Finish Date:

Plug Date:

Log File Date:

PCW Rcv Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield: 50 GPM

Casing Size: 7.00

Depth Well: 200 feet

Depth Water:

*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.



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

POD Number

Q64 Q16 Q4 Sec Tws Rng

X

Y

CP 00745

4 1 3 12 20S 29E

590653 3605782

Driller License: 421

Driller Name: GLENN, CLARK A."CORKY" (LD)

Drill Start Date: 12/09/1989

Drill Finish Date: 12/09/1989

Plug Date:

Log File Date: 12/19/1989

PCW Rcv Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield: 150 GPM

Casing Size: 6.63

Depth Well: 232 feet

Depth Water:

Water Bearing Stratifications: Top Bottom Description

179 219 Limestone/Dolomite/Chalk

Casing Perforations: Top Bottom

172 232

Meter Number: 8512

Meter Make: MASTER

Meter Serial Number: 317700

Meter Multiplier: 100.0000

Number of Dials: 6

Meter Type: Diversion

Unit of Measure: Gallons

Return Flow Percent:

Usage Multiplier:

Reading Frequency: Quarterly

Meter Readings (in Acre-Feet)

| Read Date | Year | Mtr Reading | Flag | Rdr | Comment | Mtr Amount |
|------------|------|-------------|------|-----|---------|------------|
| 09/23/2003 | 2003 | 43554 | A | jw | | 0 |
| 11/26/2003 | 2003 | 53304 | A | jw | | 2.992 |
| 01/16/2004 | 2004 | 63504 | A | jw | | 3.130 |
| 03/17/2004 | 2004 | 73274 | A | jw | | 2.998 |
| 12/13/2004 | 2004 | 24507 | A | jw | | 0 |
| 02/14/2005 | 2005 | 24507 | A | RPT | | 0 |

****YTD Meter Amounts:**

| Year | Amount |
|------|--------|
| 2003 | 2.992 |
| 2004 | 6.128 |
| 2005 | 0 |

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.



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

POD Number

Q64 Q16 Q4 Sec Tws Rng

X Y

CP 00745

4 1 3 12 20S 29E

590653 3605782

Driller License: 421

Driller Name: GLENN, CLARK A."CORKY" (LD)

Drill Start Date: 12/09/1989

Drill Finish Date: 12/09/1989

Plug Date:

Log File Date: 12/19/1989

PCW Rcv Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield: 150 GPM

Casing Size: 6.63

Depth Well: 232 feet

Depth Water:

| Water Bearing Stratifications: | Top | Bottom | Description |
|--------------------------------|-----|--------|--------------------------|
| | 179 | 219 | Limestone/Dolomite/Chalk |

| Casing Perforations: | Top | Bottom |
|----------------------|-----|--------|
| | 172 | 232 |

| | | | |
|-----------------------------|---------|-----------------------------|-----------|
| Meter Number: | 8512 | Meter Make: | MASTER |
| Meter Serial Number: | 317700 | Meter Multiplier: | 100.0000 |
| Number of Dials: | 6 | Meter Type: | Diversion |
| Unit of Measure: | Gallons | Return Flow Percent: | |
| Usage Multiplier: | | Reading Frequency: | Quarterly |

Meter Readings (in Acre-Feet)

| Read Date | Year | Mtr Reading | Flag | Rdr | Comment | Mtr Amount |
|------------|------|-------------|------|-----|---------|------------|
| 09/23/2003 | 2003 | 43554 | A | jw | | 0 |
| 11/26/2003 | 2003 | 53304 | A | jw | | 2.992 |
| 01/16/2004 | 2004 | 63504 | A | jw | | 3.130 |
| 03/17/2004 | 2004 | 73274 | A | jw | | 2.998 |
| 12/13/2004 | 2004 | 24507 | A | jw | | 0 |
| 02/14/2005 | 2005 | 24507 | A | RPT | | 0 |

| **YTD Meter Amounts: | Year | Amount |
|----------------------|------|--------|
| | 2003 | 2.992 |
| | 2004 | 6.128 |
| | 2005 | 0 |

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.



June 9, 2015

Artesia Daily Press
P. O. Box 190
Artesia, NM 88211-0190

Re: **Legal Notice**
Salt Water Disposal Well
Coinflip 18 State SWD #1

To Whom It May Concern:

Enclosed is a legal notice regarding New Mexico Oil Conservation Division C-108 Application for Authorization to Inject for a salt water disposal well.

Please run this notice and return the proof of notice to the undersigned at:

COG Operating LLC, 2208 W. Main St., Artesia, NM 88210

Sincerely,

A handwritten signature in black ink, appearing to read "Brian Collins".

Brian Collins
Operations Engineering Advisor

BC/sw
Enclosures

CORPORATE ADDRESS

One Concho Center | 600 West Illinois Avenue | Midland, Texas 79701
PHONE 432.683.7443 | FAX 432.683.7441

LOCAL ADDRESS

Concho West | 2208 West Main Street | Artesia, New Mexico 88210
PHONE 575.748.6940 | FAX 575.748.6968

ARTESIA DAILY PRESS
LÉGAL NOTICES

COG Operating LLC, 2208 W. Main Street, Artesia, NM 88210 has filed Form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for a salt water disposal well. The proposed well, the Coinflip 18 State SWD No. 1, is located 380' FSL & 760' FWL, Section 18, Township 20 South, Range 30 East, Eddy County, New Mexico. Disposal water will be sourced from area wells producing from the Delaware, Bone Spring and Wolfcamp formations. The disposal water will be injected into the Devonian-Silurian-Ordovician formation at a depth of 12950' to 14650' at a maximum surface pressure of 2590 psi and a maximum rate of 25,000 BWPD. The proposed SWD well is located approximately 16 miles northeast of Carlsbad. Any interested party who has an objection to this must give notice in writing to the Oil Conservation Division, 1220 S. St. Francis Drive, Santa Fe, New Mexico 87505, within fifteen (15) days of this notice. Any interested party with questions or comments may contact Brian Collins at COG Operating LLC, 2208 W. Main Street, Artesia, NM 88210, or call 575-748-6940.

Published in the Artesia Daily Press, Artesia, New Mexico
_____, 2015.



June 18, 2015

RECEIVED OCD

2015 JUN 23 P 3:35

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

RE: Application For Authorization To Inject
Coinflip 18 State SWD #1
Township 20 South, Range 30 East, N.M.P.M.
Section 18: 380' FSL & 760' FWL
Eddy County, New Mexico

Dear Mr. Goetze:

COG Operating LLC respectfully requests administrative approval for authorization to inject for the referenced well. Attached, for your review, is a copy of the C-108 application. Once we receive the newspaper publication and all certified return receipts, I will send you a copy.

Our geologic prognosis has the top of the Devonian at 13164'. I'm permitting the injection interval a couple of hundred feet shallower and deeper than the prognosis just in case the formation tops are different than expected due to the lack of deep well control in this area. We will likely call TD about 1250' to 1500' below the actual top of the Devonian when we drill the well.

Please do not hesitate to contact me at (575) 748-6940 should you have any questions.

Sincerely,

Brian Collins
Operations Engineering Advisor

BC/sw
Enclosures

Email: bcollins@concho.com



From: Jones, William V, EMNRD [<mailto:WilliamV.Jones@state.nm.us>]
Sent: Saturday, June 27, 2015 1:51 PM
To: Brian Collins
Cc: Goetze, Phillip, EMNRD; Dade, Randy, EMNRD; McMillan, Michael, EMNRD; Sanchez, Daniel J., EMNRD
Subject: SWD Application from COG Operating LLC: proposed Coinflip 18 State SWD Well No. 1 30-015-pending 380FSL 760FWL Unit M Sec 18 T20S R30E Devonian Silurian Upper Ordovician 1700 foot Open Hole

Hi Brian,

We received this and I looked it over yesterday.

It looked fine to me – I'll get it ready and wait for the end of the suspense period.

We are running these SWD applications by Phillip Goetze to maintain some sort of consistency – he will be back next week.

When you send the newspaper notice and the certified mailers,

.... please ask your regulatory person to also include a mailer showing notice of the SWD application to the State Land Office and the nearest Potash Lessee.

Hope all is going good with you.

Many Regards,
Will



William V. Jones, P.E., District IV Supervisor
Oil Conservation Division <http://www.emnrd.state.nm.us/ocd/>
1220 South St. Francis Drive, Santa Fe, NM 87505
P: 505.476.3477 C: 505.419.1995

CONFIDENTIALITY NOTICE: The information in this email may be confidential and/or privileged. If you are not the intended recipient or an authorized representative of the intended recipient, you are hereby notified that any review, dissemination or copying of this email and its attachments, if any, or the information contained herein, is prohibited. If you have received this email in error, please immediately notify the sender by return email and delete this email from your system. Thank you.

Jones, William V, EMNRD

From: Brian Collins <BCollins@concho.com>
Sent: Monday, August 17, 2015 9:45 AM
To: Jones, William V, EMNRD
Subject: RE: SWD Application from COG Operating LLC: proposed Coinflip 18 State SWD Well No. 1 30-015-pending 380FSL 760FWL Unit M Sec 18 T20S R30E Devonian Silurian Upper Ordovician 1700 foot Open Hole

Will:

I think I lost my faculties a long time ago, and it's getting worse! I think the well that was protested by Devon was the Darthrow 19 State SWD 1 which was a Delaware Sand proposal in the section adjoining the Coinflip 18 State SWD 1. The Coinflip 18 State SWD 1 was submitted to replace the Darthrow application and it is hoped that no one will protest a deep Devonian SWD proposal. Devon was concerned about potential water flows in the Delaware when drilling wells in the area. Thanks.

Brian

From: Jones, William V, EMNRD [mailto:WilliamV.Jones@state.nm.us]
Sent: Monday, August 17, 2015 9:14 AM
To: Brian Collins
Subject: SWD Application from COG Operating LLC: proposed Coinflip 18 State SWD Well No. 1 30-015-pending 380FSL 760FWL Unit M Sec 18 T20S R30E Devonian Silurian Upper Ordovician 1700 foot Open Hole

Hi Brian,
Was this proposed SWD protested?
I suspect I am losing my faculties....

Will

CONFIDENTIALITY NOTICE: The information in this email may be confidential and/or privileged. If you are not the intended recipient or an authorized representative of the intended recipient, you are hereby notified that any review, dissemination or copying of this email and its attachments, if any, or the information contained herein, is prohibited. If you have received this email in error, please immediately notify the sender by return email and delete this email from your system. Thank you.

MVJ@concho.com

Jones, William V, EMNRD

From: Brian Collins <BCollins@concho.com>
Sent: Monday, June 29, 2015 7:32 AM
To: Jones, William V, EMNRD
Subject: RE: SWD Application from COG Operating LLC: proposed Coinflip 18 State SWD Well No. 1 30-015-pending 380FSL 760FWL Unit M Sec 18 T20S R30E Devonian Silurian Upper Ordovician 1700 foot Open Hole

Will:

You are dedicated working on a Saturday! I hope things are well with you and look forward to seeing you next time I'm in Santa Fe at NMOCD. I didn't even think about notifying the potash lessee. I will be sure to add them to future C108 notifications. Thanks for the heads up. Take care.

Brian

From: Jones, William V, EMNRD [mailto:WilliamV.Jones@state.nm.us]
Sent: Saturday, June 27, 2015 1:51 PM
To: Brian Collins
Cc: Goetze, Phillip, EMNRD; Dade, Randy, EMNRD; McMillan, Michael, EMNRD; Sanchez, Daniel J., EMNRD
Subject: SWD Application from COG Operating LLC: proposed Coinflip 18 State SWD Well No. 1 30-015-pending 380FSL 760FWL Unit M Sec 18 T20S R30E Devonian Silurian Upper Ordovician 1700 foot Open Hole

Hi Brian,

We received this and I looked it over yesterday.

It looked fine to me – I'll get it ready and wait for the end of the suspense period.

We are running these SWD applications by Phillip Goetze to maintain some sort of consistency – he will be back next week.

When you send the newspaper notice and the certified mailers,

.... please ask your regulatory person to also include a mailer showing notice of the SWD application to the State Land Office and the nearest Potash Lessee.

Hope all is going good with you.

Many Regards,
Will



William V. Jones, P.E., District IV Supervisor
Oil Conservation Division <http://www.emnrd.state.nm.us/ocd/>
1220 South St. Francis Drive, Santa Fe, NM 87505
P: 505.476.3477 C: 505.419.1995

Jones, William V, EMNRD

From: Jones, William V, EMNRD
Sent: Monday, June 29, 2015 8:46 AM
To: 'Brian Collins'
Subject: RE: SWD Application from COG Operating LLC: proposed Coinflip 18 State SWD Well No. 1 30-015-pending 380FSL 760FWL Unit M Sec 18 T20S R30E Devonian Silurian Upper Ordovician 1700 foot Open Hole

Hi Brian,
Happy Monday!

To process the application, I don't have to have the return receipts – but we will put them in with the other data on the file if you send us a copy.

The only thing we really need is the “mailer certificates” or at least the “mailer numbers” and also the date each one of those went out.

Catanach is pushing us to get these SWD applications done faster –
I really like it when we get one from you, always well done THANK YOU!!
And COG seems willing to spend the money to get a longer term disposal system installed.

We get deluged with applications from the commercial disposal companies and many of those are not done very thoroughly and/or targeting formations in places that take time to evaluate.

Stay Cool down there.

Will

Jones, William V, EMNRD

From: Marissa Villa <MVilla@concho.com>
Sent: Monday, December 07, 2015 10:47 AM
To: Jones, William V, EMNRD
Subject: Tar Heel 16 State SWD #1
Attachments: Scanned from PRT01-ARW; Scanned from PRT01-ARW; Scanned from PRT01-ARW;
Scanned from PRT01-ARW; Scanned from PRT01-ARW; Scanned from PRT01-ARW;
Scanned from PRT01-ARW; Scanned from PRT01-ARW

Importance: High

CONFIDENTIALITY NOTICE: The information in this email may be confidential and/or privileged. If you are not the intended recipient or an authorized representative of the intended recipient, you are hereby notified that any review, dissemination or copying of this email and its attachments, if any, or the information contained herein, is prohibited. If you have received this email in error, please immediately notify the sender by return email and delete this email from your system. Thank you.

Return to sender

Inc.
1 St
79701

CFS

8478 8478 0000 0202 E102

U.S. Postal ServiceTM
CERTIFIED MAILTM RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage

Ret (Endorse)
 Restrict (Endorse)

Chevron USA Inc.
 3310 W Wall St
 Midland, TX 79701
 Coinflip 18 State SWD #1

Total Postage

Sent To

Street, Apt. No.,
 or PO Box No.

City, State, ZIP+4

PS Form 3800, August 2006 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete Items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Chevron USA Inc.
 3310 W Wall St
 Midland, TX 79701
 Coinflip 18 State SWD #1

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
 Address

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type
 Certified Mail[®] Priority Mail Express[™]
 Registered Return Receipt for Merchand
 Insured Mail Collect on Delivery

4. Restricted Delivery? (Extra Fee) Yes

| SENDER: COMPLETE THIS SECTION | | COMPLETE THIS SECTION ON DELIVERY | |
|--|--|---|--|
| <ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. | | A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Address | |
| 1. Article Addressed to: | | B. Received by (Printed Name) C. Date of Delivery | |
| Intrepid Potash NM LLC 707 17th ST STE 4200 Dencer, CO 80202 <small>Coinflip 18 State SWD #1</small> | | D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No | |
| 2. Article Number <small>(Transfer from service label)</small> | | 3. Service Type | |
| 11 11 11117013 13020 0000 8748 8669 11 11 | | <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Priority Mail Express™ <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> Collect on Delivery | |
| PS Form 3811, July 2013 | | Domestic Return Receipt | |
| 4. Restricted Delivery? (Extra Fee) | | <input type="checkbox"/> Yes | |

| SENDER: COMPLETE THIS SECTION | | COMPLETE THIS SECTION ON DELIVERY | |
|--|--|---|--|
| <ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. | | A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Address | |
| 1. Article Addressed to: | | B. Received by (Printed Name) C. Date of Delivery | |
| Occidental Permian Limited, LP P.O. Box 4294 Houston, TX 77210 Coinflip 18 State SWD #1 | | D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No | |
| 2. Article Number <small>(Transfer from service label)</small> | | 3. Service Type | |
| 11 11 11117013 3020 0000 8748 8522 | | <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Priority Mail Express™ <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> Collect on Delivery | |
| PS Form 3811, July 2013 | | Domestic Return Receipt | |
| 4. Restricted Delivery? (Extra Fee) | | <input type="checkbox"/> Yes | |

| SENDER: COMPLETE THIS SECTION | | COMPLETE THIS SECTION ON DELIVERY | |
|--|--|---|--|
| <ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. | | A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Address | |
| 1. Article Addressed to: | | B. Received by (Printed Name) C. Date of Delivery | |
| Oil Conservation Division Attn: Richard Inge 811 South 1st St. Artesia, NM 88210 Coinflip 18 State SWD #1 | | D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No | |
| 2. Article Number <small>(Transfer from service label)</small> | | 3. Service Type | |
| 11 11 11117013 3020 0000 8748 8492 11 11 | | <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Priority Mail Express™ <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> Collect on Delivery | |
| PS Form 3811, July 2013 | | Domestic Return Receipt | |
| 4. Restricted Delivery? (Extra Fee) | | <input type="checkbox"/> Yes | |

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete Item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

EGL Resources, Inc.
 P.O. Box 10866
 Midland, TX 79702
 Coinflip 18 State SWD #1

2. Article Number (Transfer from service label)

7013 3020 0000 18749 15315

PS Form 3811, July 2013

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

- A. Signature Agent Address
- B. Received by (Printed Name) *Tara Sauer* C. Date of Delivery *07/10/11*
- D. Is delivery address different from item 1? Yes No
 If YES, enter delivery address below:

3. Service Type
- Certified Mail® Priority Mail Express™
- Registered Return Receipt for Merchandise
- Insured Mail Collect on Delivery

4. Restricted Delivery? (Extra Fee) Yes

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete Item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Occidental Oil and Gas Corporation (OXY)
 5 Greenway Plaza, Suite 110
 Houston, Texas 77046
 Coinflip 18 State SWD #1

2. Article Number (Transfer from service label)

7013 3020 0000 8749 2413

PS Form 3811, July 2013

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

- A. Signature Agent Address
- B. Received by (Printed Name) *S. Mendoza* C. Date of Delivery *6-29-11*
- D. Is delivery address different from item 1? Yes No
 If YES, enter delivery address below:

3. Service Type
- Certified Mail® Priority Mail Express™
- Registered Return Receipt for Merchandise
- Insured Mail Collect on Delivery

4. Restricted Delivery? (Extra Fee) Yes

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete Item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Devon Energy Production Co., LP
 333 W. Sheridan
 Oklahoma City, Oklahoma 73102
 Coinflip 18 State SWD #1

2. Article Number (Transfer from service label)

7013 3020 0000 8749 5261

PS Form 3811, July 2013

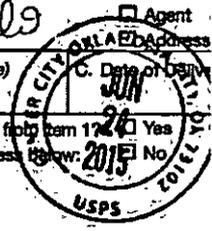
Domestic Return Receipt

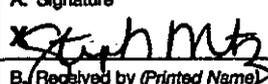
COMPLETE THIS SECTION ON DELIVERY

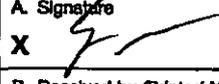
- A. Signature Agent Address
- B. Received by (Printed Name) *David Carrillo* C. Date of Delivery *7/26/2011*
- D. Is delivery address different from item 1? Yes No
 If YES, enter delivery address below:

3. Service Type
- Certified Mail® Priority Mail Express™
- Registered Return Receipt for Merchandise
- Insured Mail Collect on Delivery

4. Restricted Delivery? (Extra Fee) Yes



| SENDER: COMPLETE THIS SECTION | COMPLETE THIS SECTION ON DELIVERY | |
|--|--|---|
| <ul style="list-style-type: none"> Complete Items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. | A. Signature  <input type="checkbox"/> Agent <input type="checkbox"/> Address | |
| | B. Received by (Printed Name) S. MTR | |
| 1. Article Addressed to: New Mexico Oil Conservation Division Attn: Phillip Goetze 1220 South St. Francis Drive Santa Fe, NM 87505 Coinflip 18 State SWD #1 | | C. Date of Delivery JUN 22 2015 |
| 2. Article Number (Transfer from service label) | | D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No |
| PS Form 3811, July 2013 | | Domestic Return Receipt |

| SENDER: COMPLETE THIS SECTION | COMPLETE THIS SECTION ON DELIVERY | |
|--|--|---|
| <ul style="list-style-type: none"> Complete Items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. | A. Signature X  <input type="checkbox"/> Agent <input type="checkbox"/> Address | |
| | B. Received by (Printed Name) | |
| 1. Article Addressed to: New Mexico State Land Office 310 Old Santa Fe Trail, Santa Fe, NM 87501 Coinflip 18 State SWD #1 | | C. Date of Delivery |
| 2. Article Number (Transfer from service label) | | D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No |
| PS Form 3811, July 2013 | | Domestic Return Receipt |

| SENDER: COMPLETE THIS SECTION | COMPLETE THIS SECTION ON DELIVERY | |
|--|--|---|
| <ul style="list-style-type: none"> Complete Items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. | A. Signature X  <input type="checkbox"/> Agent <input type="checkbox"/> Address | |
| | B. Received by (Printed Name) | |
| 1. Article Addressed to: Chevron USA, Inc. P.O. Box 2100 Houston, TX 77252 Coinflip 18 State SWD #1 | | C. Date of Delivery JUN 25 2015 |
| 2. Article Number (Transfer from service label) | | D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No |
| PS Form 3811, July 2013 | | Domestic Return Receipt |

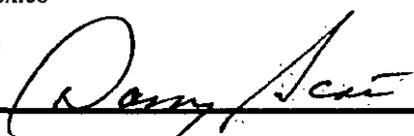
Affidavit of Publication

No. 23524

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 Notice

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 June 12, 2015

Second Publication _____

Third Publication _____

Fourth Publication _____

Fifth Publication _____

Sixth Publication _____

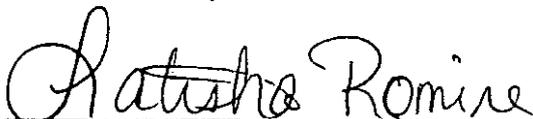
Subscribed and sworn before me this

12th day of June 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, 2208 W. Main Street, Artesia, NM 88210 has filed Form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for a salt water disposal well. The proposed well, the Coinflip, 18 State SWD No. 1, is located 380' FSL & 760' FWL, Section 18, Township 20 South, Range 30 East, Eddy County, New Mexico. Disposal water will be sourced from area wells producing from the Delaware, Bone Spring and Wolfcamp formations. The disposal water will be injected into the Devonian-Silurian-Ordovician formation at a depth of 12950' to 14650', at a maximum surface pressure of 2590 psi and a maximum rate of 25,000 BWPD. The proposed SWD well is located approximately 16 miles north east of Carlsbad. Any interested party who has an objection to this must give notice in writing to the Oil Conservation Division, 1220 S. St. Francis Drive, Santa Fe, New Mexico 87505, within fifteen (15) days of this notice. Any interested party with questions or comments may contact Brian Collins at COG Operating LLC, 2208 W. Main Street, Artesia, NM 88210, or call 575-748-6940.

Published in the Artesia Daily Press, Artesia, N.M., June 12, 2015 Legal No. 23524

Jones, William V, EMNRD

From: Jones, William V, EMNRD
Sent: Monday, August 17, 2015 2:01 PM
To: Marissa Villa
Cc: Holm, Anchor E.; 'Brian Collins'
Subject: SWD Application from COG Operating LLC: proposed Coinflip 18 State SWD Well No. 1 30-015-pending 380FSL 760FWL Unit M Sec 18 T20S R30E Devonian Silurian Upper Ordovician 1700 foot Open Hole

Hello Marissa,
Hope your week is starting well?

I am ready to release this permit, but waiting on the items below,
Would you scan and send the items below?

- a. newspaper notice
- b. the certified mailers (please put the mailed dates on them if they are not visible)
- c. proof of notice to the State Land Office.
- d. proof of notice to the nearest Potash Lessee.

(if you have already sent, please accept my apology)

Regards,

Will Jones

*Completed
RBDMS
need State
From Brian C.*

*Reminded
again 12/3/15*

*Received
12/7/15*

From: Brian Collins [mailto:BCollins@concho.com]
Sent: Monday, June 29, 2015 7:28 AM
To: Jones, William V, EMNRD
Cc: Goetze, Phillip, EMNRD; Dade, Randy, EMNRD; McMillan, Michael, EMNRD; Sanchez, Daniel J., EMNRD; Marissa Villa
Subject: RE: SWD Application from COG Operating LLC: proposed Coinflip 18 State SWD Well No. 1 30-015-pending 380FSL 760FWL Unit M Sec 18 T20S R30E Devonian Silurian Upper Ordovician 1700 foot Open Hole

Will:

We'll get the return receipts sent to you and Phillip. I forgot to notify the potash lessee. We'll send the C108 package to them this week and send you guys the receipt when we get it back. This location is right next to a couple of our oil and gas well locations so I don't anticipate any problems with the potash folks. Thanks.

Brian Collins

Operations Engineering Advisor
NM Basin Team

COG OPERATING LLC
2208 W. Main Street
Artesia, New Mexico 88210-3720
Phone # 575.748.6924



C-108 Review Checklist: Received 6/23/15 Add. Request 6/27/15 Reply Date 6/29 Suspended: _____ (Ver 14)

(Notice The Permit Lessee)
(12/7/15 Final DRA)

PERMIT TYPE: WFX / PMX (SWD) Number: 2571 Permit Date: _____ Legacy Permits/Orders: _____

Well No. _____ Well Name(s): COINFLIP 18 STATEWIDE well NO. 1

API: 30-015-Pandy Spud Date: Not yet New or Old: _____ (UIC Class II Primacy 03/07/1982)

Footages 380 FSL / 760 FWL Lot _____ or Unit M Sec 18 Tsp 20S Rge 30E County EDDY

General Location: _____ Pool: _____ Pool No.: _____

BLM 100K Map: _____ Operator: VOG Opany, LLC OGRID: 229137 Contact: Brian Collins

COMPLIANCE RULE 5.9: Total Wells: _____ Inactive: _____ Fincl Assur: _____ Compl. Order? _____ IS 5.9 OK? Date: Per Panel

WELL FILE REVIEWED Current Status: None

WELL DIAGRAMS: NEW: Proposed or RE-ENTER: Before Conv. After Conv. Logs in Imaging: WILL LOG

Planned Rehab Work to Well: Drill log EQUIP, DISPOSE

| Well Construction Details | Sizes (in) Borehole / Pipe | Setting Depths (ft) | Cement Sx or Cf | Cement Top and Determination Method |
|--|-------------------------------|------------------------|--------------------|--|
| Planned <input checked="" type="checkbox"/> or Existing _____ Surface | <u>17 1/2 - 13 1/8</u> | <u>1600</u> | <u>2200 CF</u> | <u>CIRC</u> |
| Planned _____ or Existing _____ Interm/Prod | <u>12 1/4 - 9 5/8</u> | <u>3500</u> | <u>2000 CF</u> | <u>CIRC</u> |
| Planned _____ or Existing _____ Interm/Prod | | | | |
| Planned <input checked="" type="checkbox"/> or Existing <input checked="" type="checkbox"/> Prod/Liner | <u>8 3/4 7"</u> | <u>12,950</u> | <u>2500 CF</u> | <u>1500' DESIGN</u> |
| Planned _____ or Existing _____ Liner | | | | |
| Planned <input checked="" type="checkbox"/> or Existing <input checked="" type="checkbox"/> OH/PERF | <u>6 1/8"</u> | <u>12950 - 14650</u> | <u>1700</u> | |

| Injection Lithostratigraphic Units: | Depths (ft) | Injection or Confining Units | Tops | Completion/Operation Details: |
|-------------------------------------|--------------|---------------------------------|------|---|
| Adjacent Unit: Litho. Struc. Por. | | | | Drilled TD _____ PBDT _____ |
| Confining Unit: Litho. Struc. Por. | | | | NEW TD _____ NEW PBDT _____ |
| Proposed Inj Interval TOP: | <u>12950</u> | <u>DEV</u> | | NEW Open Hole <input checked="" type="checkbox"/> or NEW Perfs <input type="checkbox"/> |
| Proposed Inj Interval BOTTOM: | <u>14650</u> | <u>SIL SAND</u> | | Tubing Size <u>4 1/2</u> in. Inter Coated? <input checked="" type="checkbox"/> |
| Confining Unit: Litho. Struc. Por. | | | | Proposed Packer Depth _____ ft |
| Adjacent Unit: Litho. Struc. Por. | | | | Min. Packer Depth _____ (100-ft limit) |
| | | | | Proposed Max. Surface Press <u>2590</u> psi |
| | | | | Admin. Inj. Press. <u>2590</u> (0.2 psi per ft) |

AOR: Hydrologic and Geologic Information
 POTASH: R-111-P Noticed? _____ BLM Sec Ord WPP Noticed? _____ SALT/SALADO T: 344 B: 1254 CLIFF HOUSE

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

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

Disposal Fluid: Formation Source(s) DEL/BS/WC Analysis? On Lease Operator Only or Commercial

Disposal Int: Inject Rate (Avg/Max BWPD): _____ Protectable Waters? NO Source: _____ System: Closed or Open

HC Potential: Producing Interval? None Formerly Producing? NO Method: Logs/DST/P&A/Other _____ 2-Mile Radius Pool Map

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

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

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

NOTICE: Newspaper Date 6/9/15 Mineral Owner SLO Surface Owner SLO N. Date 6/9/15

RULE 26.7(A): Identified Tracts? Affected Persons: DEVON/DXY/CHEVRON/EGL N. Date 6/9/15

Permit Conditions: Issues: Get file RECEIPTS/ Newspaper NOTICE

Add Permit Cond: Run LOGS over open Hole + Top Survey