

DATE IN 12/03/2014	SUSPENSE	ENGINEER PEGMAN	LOGGED IN 12/03/2014	TYPE S WD	APP NO. PMAM1433760247
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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 _____

- SWD 1525
 - COG Operating, LLC
 229137

well
 - Wild Coburn State
 SWD #2
 30-025-Pending
 Pool
 - SWD, Devonian
 96101

[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.

BRIAN COLLINS
 Print or Type Name

Signature

Operations Engineering Advisor
 Title

1 Dec 2014
 Date

bcollins@concho.com
 e-mail Address



November 26, 2014

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

RE: Application For Authorization To Inject
Wild Cobra 1 State SWD #2
Township 19 South, Range 34 East, N.M.P.M.
Section 1: 660' FNL & 1650' FWL
Lea 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 14634', Fusselman at 14976', and Simpson at 16010'. 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.

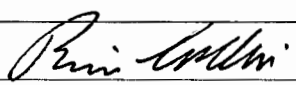
Sincerely,

A handwritten signature in cursive script, appearing to read "Brian Collins".

Brian Collins
Operations Engineering Advisor

BC/sw
Enclosures

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: Secondary Recovery Pressure Maintenance X Disposal Storage
Application qualifies for administrative approval? X 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 X No
If yes, give the Division order number authorizing the project: _____
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- *XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- NAME: BRIAN COLLINS TITLE: Operations Engineering Advisor
SIGNATURE:  DATE: 1 Dec 2014
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
WILD COBRA 1 STATE SWD #2
660' FNL, 1650' FWL
Unit C, Section 1, T19S, R34E
Lea County, NM

COG Operating, LLC, proposes to drill the captioned well to 16,100' for salt water disposal service into the Devonian/Silurian/Upper Ordovician from approximately 14,400' to 16,100'. A drilling permit will be submitted upon approval of this C-108.

- 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 = 2880 psi
(0.2 psi/ft. x 14,400' ft.)
 - 4. Source of injected water will be Delaware Sand, Bone Spring Sand and Wolfcamp produced water. No compatibility problems are expected. Analyses of Delaware, Bone Spring and Wolfcamp waters from analogous source wells are attached.
- VIII. The injection zone is the Devonian/Silurian/Upper Ordovician, a mixture of non-hydrocarbon bearing limestone and dolomite from 14400' to 16100'.
Any underground water sources will be shallower than 1912', the estimated top of the Rustler Anhydrite.
- IX. The Devonian/Silurian/Upper Ordovician injection interval will be acidized with approximately 40,000 gals of 20 % HCl acid.
- X. Well logs will be filed with the Division. There are no nearby Devonian penetrations so no analog well logs are available.
- XI. Able to locate two water wells within the 1 mile area of review. Water analyses are attached for wells located SE/4 SW/4 SE/4 Sec. 1-19S-R34E and NW/4 SW/4 Sec 6-19S-R35E.
- 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, LLCWELL NAME & NUMBER: Wild Cobra 1 State SWD No. 2WELL LOCATION: 660' FWL, 1650' FWL
FOOTAGE LOCATIONUNIT LETTER: CSECTION: 1TOWNSHIP: 19sRANGE: 34eWELLBORE SCHEMATICWELL CONSTRUCTION DATASurface CasingHole Size: 26" 17 1/2" Casing Size: 20" @ ± 1900'
± 5000 CF
± 4000 CFCemented with: - sx. or DesignTop of Cement: Surface Method Determined: DesignIntermediate CasingHole Size: 12 1/4" Casing Size: 9 9/8" @ ± 10900'Cemented with: - sx. or ± 4300 ft³Top of Cement: Surface Method Determined: DesignProduction CasingHole Size: 8 1/2" Casing Size: 7" Liner ± 10700' - ± 14400'Cemented with: - sx. or ± 650 ft³Top of Cement: Top of Liner Method Determined: DesignTotal Depth: ± 16,100'Injection Interval± 14400' feet to ± 16100'(Perforated or Open Hole indicate which)

See Attached Wellbore Schematic

INJECTION WELL DATA SHEET

Tubing Size: 4 1/2" Lining Material: Dupline 20 / c/s Glassbore
 Type of Packer: Nickel plated 10K double grip retrievable or permanent packer
 Packer Setting Depth: ± 14350'
 Other Type of Tubing/Casing Seal (if applicable): N/A

Additional Data

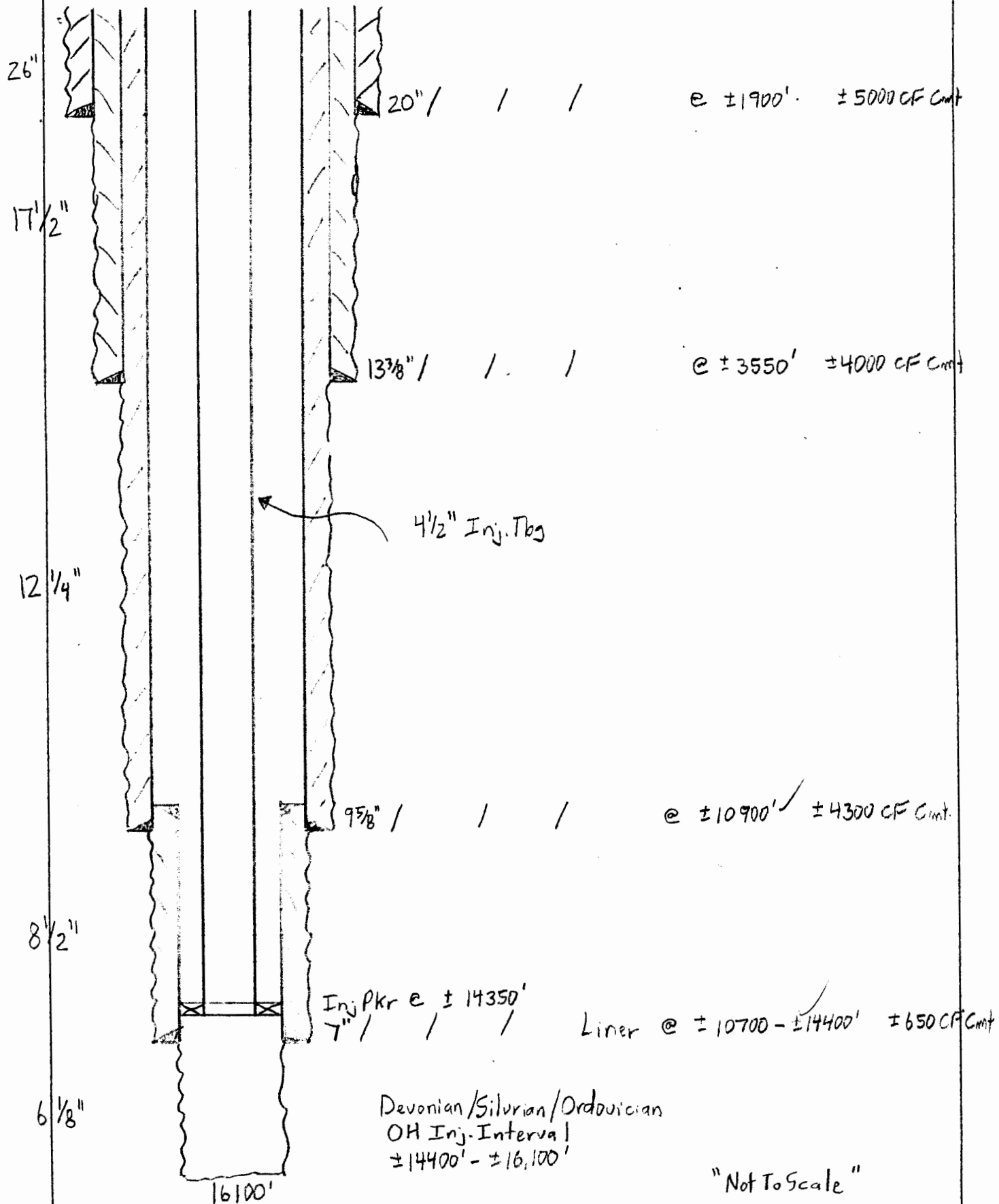
1. Is this a new well drilled for injection? X Yes No
 If no, for what purpose was the well originally drilled?

2. Name of the Injection Formation: Devonian / Silurian / Upper Ordovician
 3. Name of Field or Pool (if applicable):
 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. No.

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:
Underlying: None
Overlying: Seven Rivers ± 3950-4100', Green ± 4550-5100'
GB/S. Andres ± 5500-5850', Bone Spring ± 7550-10900'
Morrow ± 13275-13600'

30-025-

Wild Cobra 1 State SWD 2
660' FNL, 1650' FNL
C-1-195-34e
Lea, NM



V.

MAP

Legend:

- **Devon Energy Production Co., LP**
333 W. Sheridan Ave.
Oklahoma City, OK 731025010
- **Black Crown Energy Partners, LP**
303 Veterans Airpark Lane, Ste. 6101
Midland, TX 79705
- **COG Operating LLC**
600 W. Illinois Ave.
Midland, TX 79701
- **Armstrong Energy Corp.**
P.O. Box 1973
Roswell, NM 88202

COG Operating LLC
600 W. Illinois Ave.
Midland, TX 79701

Latitude:32.730742

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**

Delaware

Lab Test #	Lease	Location	Salesman	Date Out	Sample Date	Specific Gravity	Ionic Strength	TDS	pH	conductivity	Ca (mg/L)	Mg (mg/L)
011128362	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
One Spring												
Lab Test #	Lease	Location	Salesman	Date Out	Sample Date	Specific Gravity	Ionic Strength	TDS	pH	conductivity	Ca (mg/L)	Mg (mg/L)
012108003	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)
012105892	Augustus 10	1H	Salesman	3/15/2012	3/8/2012	1.06	1.46	89771.55	6.60		3963.30	639.83

	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)
TH (CaCO3)	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)	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)	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**

Fresh Water Well Analyses

HALLIBURTON

PERMAIN BASIN OPERATIONS LABORATORY
WATER ANALYSIS REPORT
HOBBS, NEW MEXICO

COMPANY: Cog
LEASE: L-04211 FW
L-12103 FW

REPORT W12-210
DATE October 10, 2012
DISTRICT Hobbs

SUBMITTED BY Bret Barrett

TANK SAMPLE	NW SW 6-19s-35e	SE SW SE 2-19s-34e			
Sample Temp.	<u>71</u> °F	<u>71</u> °F	<u></u> °F	<u></u> °F	<u></u> °F
SPECIFIC GR.	<u>1.008</u>	<u>1.007</u>	<u></u>	<u></u>	<u></u>
pH	<u>7.46</u>	<u>7.37</u>	<u></u>	<u></u>	<u></u>
CALCIUM	<u>150</u> mpl	<u>200</u> mpl	<u></u> mpl	<u></u> mpl	<u></u> mpl
MAGNESIUM	<u>210</u> mpl	<u>210</u> mpl	<u></u> mpl	<u></u> mpl	<u></u> mpl
CHLORIDE	<u>7636</u> mpl	<u>6,030</u> mpl	<u></u> mpl	<u></u> mpl	<u></u> mpl
SULFATES	<u><400</u> mpl	<u><400</u> mpl	<u></u> mpl	<u></u> mpl	<u></u> mpl
BICARBONATES	<u>300</u> mpl	<u>200</u> mpl	<u></u> mpl	<u></u> mpl	<u></u> mpl
SOLUBLE IRON	<u>0</u> mpl	<u>0</u> mpl	<u></u> mpl	<u></u> mpl	<u></u> mpl
KCL	<u>Negative</u>	<u>Negative</u>	<u></u>	<u></u>	<u></u>
	<u></u> mpl	<u></u> mpl	<u></u> mpl	<u></u> mpl	<u></u> mpl
	<u></u> mpl	<u></u> mpl	<u></u> mpl	<u></u> mpl	<u></u> mpl
	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>

REMARKS

MPL = Milligrams per liter
Resitivity measured in: Ohm/m2/m

This report is the property of Halliburton Company and neither it nor any part thereof nor a copy thereof is to be published or disclosed without first securing the express written approval of laboratory management; it may however, be used in the course of regular business operations by any person or concern and employees thereof receiving such report from Halliburton Co.

ANALYST: S. Herzog



New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

		(acre ft per annum)		(R=POD has been replaced and no longer serves this file, C=the file is closed)		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)	
WR File Nbr	Sub	basin	Use	Diversion	Owner	County	POD Number
L 09576	L	PRO	0	MESA	PETROLEUM	LE	L 09576
L 11934	L	STK	3	WILBERTA	TIVIS	LE	L 11934

q q q

Source 6416 4

Shallow 1 1 35 18S 34E

Shallow 3 3 4 35 18S 34E

Code Grant

> 1 mile away

160' dup

X

637082

3620041*

Y

637806

3618744*

Record Count: 2

PLSS Search:

Section(s): 35, 36

Township: 18S

Range: 34E

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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11/14/14 7:27 AM

Page 1 of 1

ACTIVE & INACTIVE POINTS OF DIVERSION



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

L 11934 POD1

3 3 4 35 18S 34E

637806 3618744*

Driller License: DESERT SAND WATER WELL

Driller Name: THOMPSON, STEVE (LD)

Drill Start Date: 10/13/2006

Drill Finish Date: 10/20/2006

Plug Date:

Log File Date: 10/24/2006

PCW Rcv Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size: 5.00

Depth Well: 160 feet

Depth Water: 105 feet

Water Bearing Stratifications:

Top Bottom Description

105 160 Sandstone/Gravel/Conglomerate

Casing Perforations:

Top Bottom

100 160

*UTM location was derived from PLSS - see Help

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

PLSS Search:

Section(s): 31

Township: 18S

Range: 35E

No PODs found.



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, C=the file is closed)																
(quarters are 1=NW 2=NE 3=SW 4=SE)																
(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	
L 01979	L	IRR	0	GENE DALMONT	LE	L 01979	No data			1	4	01	19S 34E	639532	3617625*	
L 04059	L	PRO	0	NOBLE DRILLING CO	LE	L 04059	125' deep		Shallow	4	1	12	19S 34E	639146	3616412*	
L 04587	L	SRO	0	JOHN H. TRIGG	LE	L 04587	No data			1	1	02	19S 34E	637107	3618390*	
					LE	L 04587 X	No data			2	1	02	19S 34E	637510	3618397*	
L 04723	L	PRO	0	CACTUS DRILLING COMPANY	LE	L 04723	145' deep		Shallow	1	1	11	19S 34E	637026	3616880*	
L 05763	L	SRO	0	THOMAS F. WELCH & ASSOCIATES	LE	L 05763	No data			2	2	02	19S 34E	638414	3618509*	
					LE	L 05763 X	No data			2	2	1	02	19S 34E	637609	3618496*
L 06731	L	PRO	0	M G F	LE	L 06731	120' deep		Shallow	3	2	12	19S 34E	639844	3616727*	
L 10380	L	STK	3	CHARLES B. GILLESPIE, JR.	LE	L 10380	155' deep		Shallow	4	4	02	19S 34E	638428	3617102*	
L 12103	L	STK	3	SNYDER RANCHES	LE	L 12103 POD1	120' deep	NON	Shallow	4	3	02	19S 34E	637919	3617167*	
L 12957	L	PRO	0	GLENN'S WATER WELL SRVC, INC.	LE	L 12103 POD1	120' deep	NON	Shallow	4	3	02	19S 34E	637919	3617167*	
L 12958	L	PRO	0	GLENN'S WATER WELL SRVC, INC.	LE	L 12958 POD1	No data		Shallow	3	4	1	02	19S 34E	637498	3617839
L 13016	L	PRO	0	TD WATER SERVICES	LE	L 12103 POD1	120' deep	NON	Shallow	4	3	02	19S 34E	637919	3617167*	
L 13017	L	PRO	0	TD WATER SERVICES	LE	L 12958 POD1	No data		Shallow	3	4	1	02	19S 34E	637498	3617839
L 13286	L	PRO	0	CIMAREX ENERGY COMPANY	LE	L 12103 POD1	No data	NON	Shallow	4	3	02	19S 34E	637919	3617167*	
L 13287	L	PRO	0	CIMAREX ENERGY COMPANY	LE	L 12958 POD1	No data		Shallow	3	4	1	02	19S 34E	637498	3617839
L 13610	L	PRO	0	COG OPERATING	LE	L 12103 POD1	No data	NON	Shallow	4	3	02	19S 34E	637919	3617167*	
L 13611	L	PRO	0	COG OPERATING	LE	L 12103 POD1	No data	NON	Shallow	4	3	02	19S 34E	637919	3617167*	

*UTM location was derived from PLSS - see Help

(R=POD has been replaced
and no longer serves this file,
C=the file is closed)

(acre ft per annum)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code Grant	Source	6416 4	Sec	Tws	Rng	q	q	q	X	Y
L 13612	L	PRO	0	COG OPERATING	LE	L 12103 POD1	NON	Shallow	4	3	4	02	19S	34E		637919	3617167
L 13624	L	PRO	0	COG OPERATING	LE	L 12958 POD1	No data	Shallow	3	4	1	02	19S	34E		637498	3617839
L 13625	L	PRO	0	COG OPERATING	LE	L 12958 POD1	No data	Shallow	3	4	1	02	19S	34E		637498	3617839
L 13626	L	PRO	0	COG OPERATING	LE	L 12958 POD1	No data	Shallow	3	4	1	02	19S	34E		637498	3617839

Record Count: 22

PLSS Search:

Section(s): 1, 2, 11, 12 Township: 19S Range: 34E

Sorted by: File Number

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11/14/14 7:28 AM

Page 2 of 2

ACTIVE & INACTIVE POINTS OF DIVERSION



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

L 04059

4 1 12 19S 34E

639146 3616412*

Driller License: ABBOTT BROTHERS COMPANY

Driller Name:

Drill Start Date: 01/29/1959

Drill Finish Date: 01/29/1959

Plug Date: 06/05/1959

Log File Date: 02/05/1959

PCW Rcv Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size: 7.00

Depth Well: 125 feet

Depth Water: 60 feet

Water Bearing Stratifications:

Top Bottom Description

60 125 Sandstone/Gravel/Conglomerate

Casing Perforations:

Top Bottom

70 125

*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

L 06731

3 2 2 12 19S 34E

639844 3616727*

Driller License: ABBOTT BROTHERS COMPANY

Driller Name:

Drill Start Date: 11/14/1970

Drill Finish Date: 11/15/1970

Plug Date:

Log File Date: 11/16/1970

PCW Rcv Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size: 7.00

Depth Well: 120 feet

Depth Water: 80 feet

Water Bearing Stratifications:

Top Bottom Description

80 120 Sandstone/Gravel/Conglomerate

Casing Perforations:

Top Bottom

80 120

*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

L 10380

4 4 4 02 19S 34E

638428 3617102*

Driller License: ABBOTT BROTHERS COMPANY

Driller Name: ABBOTT, MURREL

Drill Start Date: 03/08/1994

Drill Finish Date: 03/11/1994

Plug Date:

Log File Date: 03/16/1994

PCW Rcv Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size: 5.50

Depth Well: 153 feet

Depth Water: 100 feet

Water Bearing Stratifications:

Top Bottom Description

100 153 Other/Unknown

Casing Perforations:

Top Bottom

78 153

*UTM location was derived from PLSS - see Help

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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
L 12103 POD1	4	3	4	02	19S	34E	637936	3617173

Driller License: UNKNOWN

Driller Name: EXISTING WELL

Drill Start Date:

Drill Finish Date:

Plug Date:

Log File Date:

PCW Rcv Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size: 7.00

Depth Well: 120 feet

Depth Water:



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

L 12103 POD1

4 3 4 02 19S 34E

637936 3617173

Driller License: UNKNOWN

Driller Name: EXISTING WELL

Drill Start Date:

Drill Finish Date:

Plug Date:

Log File Date:

PCW Rcv Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size: 7.00

Depth Well: 120 feet

Depth Water:



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

L 12103 POD1

4 3 4 02 19S 34E

637936 3617173

Driller License: UNKNOWN

Driller Name: EXISTING WELL

Drill Start Date:

Drill Finish Date:

Plug Date:

Log File Date:

PCW Rcv Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size: 7.00

Depth Well: 120 feet

Depth Water:



New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

Sub		(acre ft per annum)		(R=POD has been replaced and no longer serves this file, quarters are 1=NW 2=NE 3=SW 4=SE)		(quarters are smallest to largest) (NAD83 UTM in meters)	
WR File Nbr	basin	Use	Diversion	Owner	County	POD Number	Code Grant
L 04211	L	DOM	3	GENE DALMONT	LE	L 04211	Shallow
L 04211 A	L	COM	0	WYLIE BROTHERS CONSTRUCTION CO	LE	L 04211	Shallow
L 04762	L	COM	44.8	RITTENHOUSE OIL & GAS COMPANY	LE	L 04762	Shallow
L 05220	L	PRO	0	DELMONT RANCH JOINT VENTURE	LE	L 05220	Shallow

Record Count: 4

PLSS Search:

Section(s): 6

Sorted by: File Number

Township: 19S Range: 35E

*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.

11/14/14 7:29 AM

Page 1 of 1

ACTIVE & INACTIVE POINTS OF DIVERSION



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
L 04211	1 3 06 19S 35E	640337	3617672*

Driller License: O.R. MUSSELWHITE WATER WELL SE

Driller Name:

Drill Start Date: 07/25/1959	Drill Finish Date: 07/26/1959	Plug Date:
Log File Date: 08/13/1959	PCW Rcv Date:	Source: Shallow
Pump Type:	Pipe Discharge Size:	Estimated Yield:
Casing Size: 7.00	Depth Well: 130 feet	Depth Water: 60 feet

Water Bearing Stratifications:	Top	Bottom	Description
	85	125	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	90	130

*UTM location was derived from PLSS - see Help

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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

L 04762

06 19S 35E

640945 3617872*

Driller License: VAN NOY, W.L.

Driller Name:

Drill Start Date: 05/07/1962

Drill Finish Date: 05/08/1962

Plug Date:

Log File Date: 05/11/1962

PCW Rcv Date: 07/23/1962

Source: Shallow

Pump Type: TURBIN

Pipe Discharge Size: 4

Estimated Yield: 120

Casing Size: 7.00

Depth Well: 175 feet

Depth Water: 130 feet

Water Bearing Stratifications:

Top Bottom Description

130 168 Shallow Alluvium/Basin Fill

Casing Perforations:

Top Bottom

130 170

*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.

August xx, 2014

Hobbs News-Sun
P.O. Box 850
Hobbs, NM 88240

Re: Legal Notice
Salt Water Disposal Well
Wild Cobra 1 State SWD #2

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,

Brian Collins
Operations Engineering Advisor

BC/sw
Enclosures

HOBBS NEWS-SUN
LEGAL NOTICES

COG Operating LLC, 2208 W. Main Street, Artesia, New Mexico, 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 Wild Cobra 1 State SWD No. 2 is located 660' FNL and 1650' FWL, Section 1, Township 19 South, Range 34 East, Lea 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 formation at a depth of 14,400' to 16,100' at a maximum surface pressure of 2880 psi and a maximum rate of 25,000 BWPD. The proposed SWD well is located approximately 25 miles west of Hobbs. Any interested party who has an objection to this must give notice in writing to the Oil Conservation Division, 1220 South Saint Francis Street, 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, New Mexico 88210, or call 575-748-6940.

Published in the Hobbs News-Sun Hobbs, New Mexico
_____, 2014.

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

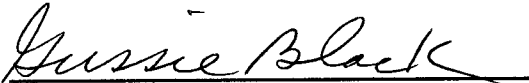
I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated
November 21, 2014
and ending with the issue dated
November 21, 2014.



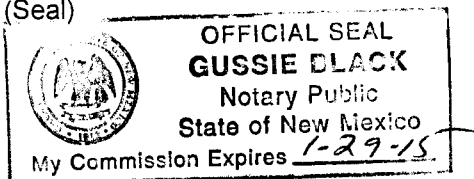
Publisher

Sworn and subscribed to before me this
21st day of November 2014.



Business Manager

My commission expires
January 29, 2015
(Seal)



This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

LEGAL NOTICE **November 21, 2014**

COG Operating LLC, 2208 W. Main Street, Artesia, New Mexico, 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 Wild Cobra 1 State SWD No.2 is located 660' FNL and 1650' FWL, Section 1, Township 19 South, Range 34 East, Lea 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 formation at a depth of 14,400' to 16,100' at a maximum surface pressure of 2880 psi and a maximum rate of 25,000 BWPD. The proposed SWD well is located approximately 25 miles west of Hobbs. Any interested party who has an objection to this must give notice in writing to the Oil Conservation Division, 1220 South Saint Francis Street, 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, New Mexico 88210, or call 575-748-6940. #29589

67112034

00147944

BRIAN COLLINS
COG OPERATING LLC
2208 W. MAIN ST.
ARTESIA, NM 88210



November 26, 2014

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

RE: Application For Authorization To Inject
Wild Cobra 1 State SWD #2
Township 19 South, Range 34 East, N.M.P.M.
Section 1: 660' FNL & 1650' FWL
Lea 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 14634', Fusselman at 14976', and Simpson at 16010'. 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,

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

Brian Collins
Operations Engineering Advisor

BC/sw
Enclosures



November 26, 2014

Oil Conservation Division
Attn: Paul Kautz
1625 North French Dr.
Hobbs, NM 88240

RE: Application For Authorization To Inject
Wild Cobra 1 State SWD #2
Township 19 South, Range 34 East, N.M.P.M.
Section 1: 660' FNL & 1650' FWL
Lea County, New Mexico

Dear Mr. Kautz:

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 14634', Fusselman at 14976', and Simpson at 16010'. 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,

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

Brian Collins
Operations Engineering Advisor

BC/sw
Enclosures



November 26, 2014

New Mexico State Land Office
310 Old Santa Fe Trail,
Santa Fe, NM 87501

RE: Application For Authorization To Inject
Wild Cobra 1 State SWD #2
Township 19 South, Range 34 East, N.M.P.M.
Section 1: 660' FNL & 1650' FWL
Lea County, New Mexico

To Whom It May Concern:

Enclosed for your review is a copy of COG Operating LLC's C-108 Application to Inject for the above referenced well. We plan to drill this well for SWD service if our C-108 is approved. As a requirement of the New Mexico Oil Conservation Division, we are notifying you because you have been identified as an operator or surface owner. Any objections must be submitted in writing to NMOCD, 1220 S. St. Francis Drive, Santa Fe, New Mexico 87505. Objections must be received within fifteen (15) days of receipt of this letter.

This well will not be a commercial SWD well. Please do not hesitate to contact us at 575-748-6940 should you have any questions.

Sincerely,

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

Brian Collins
Operations Engineering Advisor

BC/bg
Enclosures



November 26, 2014

Diamondback Resources LLC
303 Veterans Airpark Lane
Midland, TX 79705

RE: Application For Authorization To Inject
Wild Cobra 1 State SWD #2
Township 19 South, Range 34 East, N.M.P.M.
Section 1: 660' FNL & 1650' FWL
Lea County, New Mexico

To Whom It May Concern:

Enclosed for your review is a copy of COG Operating LLC's C-108 Application to Inject for the above referenced well. We plan to drill this well for SWD service if our C-108 is approved. As a requirement of the New Mexico Oil Conservation Division, we are notifying you because you have been identified as the surface owner or an operator within a half mile radius area of review. Any objections must be submitted in writing to NMOCD, 1220 S. St. Francis Drive, Santa Fe, New Mexico 87505. Objections must be received within fifteen (15) days of receipt of this letter.

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

Sincerely,

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

Brian Collins
Operations Engineering Advisor

BC/sw
Enclosures



November 26, 2014

Slash Exploration LP
Armstrong Energy Corp.
P.O. Box 1973
Roswell, NM 88202

**RE: Application For Authorization To Inject
Wild Cobra 1 State SWD #2
Township 19 South, Range 34 East, N.M.P.M.
Section 1: 660' FNL & 1650' FWL
Lea County, New Mexico**

To Whom It May Concern:

Enclosed for your review is a copy of COG Operating LLC's C-108 Application to Inject for the above referenced well. We plan to drill this well for SWD service if our C-108 is approved. As a requirement of the New Mexico Oil Conservation Division, we are notifying you because you have been identified as the surface owner or an operator within a half mile radius area of review. Any objections must be submitted in writing to NMOCD, 1220 S. St. Francis Drive, Santa Fe, New Mexico 87505. Objections must be received within fifteen (15) days of receipt of this letter.

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

Sincerely,

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

Brian Collins
Operations Engineering Advisor

BC/sw
Enclosures



November 26, 2014

Black Crown Energy Partners, LP
303 Veterans Airpark Lane, Ste. 6101
Midland, TX 79705

RE: Application For Authorization To Inject
Wild Cobra 1 State SWD #2
Township 19 South, Range 34 East, N.M.P.M.
Section 1: 660' FNL & 1650' FWL
Lea County, New Mexico

To Whom It May Concern:

Enclosed for your review is a copy of COG Operating LLC's C-108 Application to Inject for the above referenced well. We plan to drill this well for SWD service if our C-108 is approved. As a requirement of the New Mexico Oil Conservation Division, we are notifying you because you have been identified as the surface owner or an operator within a half mile radius area of review. Any objections must be submitted in writing to NMOCD, 1220 S. St. Francis Drive, Santa Fe, New Mexico 87505. Objections must be received within fifteen (15) days of receipt of this letter.

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

Sincerely,

A handwritten signature in cursive script, appearing to read "Brian Collins".

Brian Collins
Operations Engineering Advisor

BC/sw
Enclosures



November 26, 2014

Devon Energy Production Co., LP
333 W. Sheridan Ave.
Oklahoma City, OK 731025010

RE: Application For Authorization To Inject
Wild Cobra 1 State SWD #2
Township 19 South, Range 34 East, N.M.P.M.
Section 1: 660' FNL & 1650' FWL
Lea County, New Mexico

To Whom It May Concern:

Enclosed for your review is a copy of COG Operating LLC's C-108 Application to Inject for the above referenced well. We plan to drill this well for SWD service if our C-108 is approved. As a requirement of the New Mexico Oil Conservation Division, we are notifying you because you have been identified as the surface owner or an operator within a half mile radius area of review. Any objections must be submitted in writing to NMOCD, 1220 S. St. Francis Drive, Santa Fe, New Mexico 87505. Objections must be received within fifteen (15) days of receipt of this letter.

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

Sincerely,

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

Brian Collins
Operations Engineering Advisor

BC/sw
Enclosures

IMPORTANT: Save this receipt and present it when making an inquiry.

PS Form 3800, August 2006 (Revised) PSN 7530-02-000-9047

Important Reminders:
Certified Mail may ONLY be combined with First-Class Mail® or Priority Mail®. Certified Mail is not available for any class of international mail.
NO INSURANCE COVERAGE IS PROVIDED with Certified Mail. For valuables, please consider Insured or Registered Mail.
For an additional fee, a Return Receipt may be requested to provide proof of delivery. To obtain Return Receipt service, please complete and attach a Return Receipt (PS Form 3811) to the article and add applicable postage to cover the fee. Endorse mailpiece "Return Receipt Requested". To receive a fee waiver for a duplicate return receipt, a USPS postmark on your Certified Mail receipt is required.
For an additional fee, delivery may be restricted to the addressee or addressee's authorized agent. Advise the clerk or mark the mailpiece with the endorsement "Restricted Delivery".
If a postmark on the Certified Mail receipt is desired, please present the article at the post office for postmarking. If a postmark on the Certified Mail receipt is not needed, detach and affix label with postage and mail.

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:

New Mexico Oil Conservation Division
Attn: Phillip Goetze
1220 South St. Francis Drive
Santa Fe, NM 87505
Wild Cobra 1 State SWD #2

MAILING INFORMATION

A. Mailing receipt
A unique identifier for your mailpiece
A record of delivery kept by the Postal Service for two years

A. Signature *Anna Kiley*
B. Received by (Printed Name) *Anna Kiley*
C. Date of Delivery *DEC 03 2014*
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

2. Article Number
(Transfer from service label)

7013 3020 0000 6478 2048

PS Form 3811, July 2013


Domestic Return Receipt

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 Ave.
Oklahoma City, OK 731025010
Wild Cobra 1 State SWD #2

A. Signature  <input checked="" type="checkbox"/> Certified Mail Agent	
B. Received by (Printed Name) C. Rand	
C. Date of Delivery 11/14/97	
D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 ☐ No

2. Article Number
(Transfer from service label)

7902 6428 0000 020E CT07

Important Reminders:

- Certified Mail may ONLY be combined with First-Class Mail or Priority Mail.
- Certified Mail is not available for any class of international mail.
- **NO INSURANCE COVERAGE IS PROVIDED** with Certified Mail. For valuables, please consider Insured or Registered Mail.
- For an additional fee, a *Return Receipt* may be requested to provide proof of delivery. To obtain Return Receipt service, please complete and attach a Return Receipt (PS Form 3811) to the article and add applicable postage to cover the fee. Endorse mailpiece "Return Receipt Requested". To receive a fee waiver for a duplicate return receipt, a USPS postmark on your Certified Mail receipt is required.
- For an additional fee, delivery may be restricted to the addressee or addressee's authorized agent. Advise the clerk or mark the mailpiece with the endorsement "Restricted Delivery".
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- Certified Mail may ONLY be combined with First-Class Mail® or Priority Mail®.
- Certified Mail is not available for any class of international mail.
- NO INSURANCE COVERAGE IS PROVIDED with Certified Mail. For valuables, please consider insured or Registered Mail.
- For an additional fee, a *Return Receipt* may be requested to provide proof of delivery. To obtain Return Receipt service, please complete and attach a Return Receipt (PS Form 3811) to the article and add applicable postage to cover the fee. Endorse mailpiece *"Return Receipt Requested"*. To receive a fee waiver for a duplicate return receipt, a USPS® postmark on your Certified Mail receipt is required.

Important Reminders:

- A mailing receipt
- A unique identifier for your mailpiece
- A record of delivery kept by the Postal Service for two years

RETURNED MAIL DELIVERY

A. Signature *[Signature]* Agent ☒ Addressee ☐

B. Received by (Printed Name) *Bellco, Inc.* Date of Delivery *7-2-14*

C. Is delivery address different from item 1? ☐ Yes ☐ No

D. If YES, enter delivery address below:

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired, 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:

Slash Exploration LP
Armstrong Energy Corp.
P.O. Box 1973
Roswell, NM 88202
Wild Cobra 1 State SWD #2

3. Service Type

☐ Certified Mail ☐ Priority Mail Express™

☐ Registered ☐ Return Receipt for Merchandise

☐ Insured Mail ☐ Collect on Delivery

4. Restricted Delivery? (Extra Fee) ☐ Yes ☐ No

2. Article Number
(Transfer from service label)

7013 3020 0000 8744 2079

Domestic Return Receipt

PS Form 3811, July 2013

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:

Diamondback Resources LLC
303 Veterans Airpark Lane
Midland, TX 79705
Wild Cobra 1 State SWD #2

Certified Mail Provides:

- A mailing receipt
- A unique identifier for your mailpiece
- A record of delivery kept by the Postal Service for two years

Important Reminders:

- Certified Mail may ONLY be combined with First-Class Mail® or Priority Mail®.
- Certified Mail is not available for any class of international mail.
- NO INSURANCE COVERAGE IS PROVIDED with Certified Mail. For valuables, please consider Insured or Registered Mail.
- For an additional fee, a Return Receipt may be requested to provide proof of delivery. To obtain Return Receipt service, please complete and attach a Return Receipt (PS Form 3811) to the article and add applicable postage to cover the fee. Endorse mailpiece "Return Receipt Requested". To receive a fee waiver for a duplicate return receipt, a USPS® postmark on your Certified Mail receipt is required.
- For an additional fee, delivery may be restricted to the addressee or addressee's authorized agent. Advise the clerk or mark the mailpiece with the endorsement "Restricted Delivery."
- If a postmark on the Certified Mail receipt is desired, please present the article at the post office for postmarking. If a postmark on the Certified Mail receipt is not needed, detach and affix label with postage and mail.

IMPORTANT: Save this receipt and present it when making an inquiry.

PS Form 3800, August 2006 (Reverse) PSN 7530-02-000-9047

ADDRESSEE: COMPLETE THIS SECTION ON DELIVERY

A. Signature X Du McDonald ☐ Agent
B. Received by (Printed Name) Du McDonald ☐ Addressee
C. Date of Delivery _____

D. Is delivery address different from item 1? ☐ Yes
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

2. Article Number
(Transfer from service label)

7013 3020 0000 8749 2006

PS Form 3811, July 2013

Domestic Return Receipt

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:

New Mexico State Land Office
310 Old Santa Fe Trail,
Santa Fe, NM 87501
Wild Cobra 1 State SWD #2


ADDRESSEE: COMPLETE THIS SECTION

- A mailing receipt
- A unique identifier for your mailpiece
- A record of delivery kept by the Postal Service for two years

Important Reminders:

- Certified Mail may ONLY be combined with First-Class Mail or Priority Mail.
- NO INSURANCE COVERAGE IS PROVIDED for any class of international mail.
- For an additional fee, a Return Receipt may be requested to provide proof of delivery. To obtain Return Receipt service, please complete and attach a Return Receipt (PS Form 3811) to the article and add applicable postage to cover the fee. Endorse mailpiece "Return Receipt Requested". To receive a fee waiver for a duplicate return receipt, a USPS postmark on your Certified Mail receipt is required.
- For an additional fee, delivery may be restricted to the addressee or addressee's authorized agent. Advise the clerk or mark the mailpiece with the endorsement "Restricted Delivery".
- If a postmark on the Certified Mail receipt is desired, please present the article at the post office for postmarking. If a postmark on the Certified Mail receipt is not needed, detach and affix label with postage and mail.

IMPORTANT: Save this receipt and present it when making an inquiry.
PS Form 3800, August 2006 (Reverse) PSN 7530-02-000-9047

A. Signature 		C. Date of Delivery SEP 14 2011	
B. Recieved by (Printed Name) SANTA FE, NM 87501		D. Is delivery restricted to addressee only? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
E. Is delivery restricted to addressee only? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Service Type <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"/> Restricted Delivery			
4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

SEND

☐ **Card**

☐ **Item**

☐ **Print**

☐ **so th**

☐ **Atta**

☐ **or at**

1. Article

Black

303

Middle

Wild

2. Article N

(Transfer

PS Form 3

SENDER

■ Complete item 4

■ Print your name

■ Attach so that you can see the return address

1. Article Address

Black 303 Vermont

Wild

2. Article Number (transfer to PS Form 3849)

PS Form 3849

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

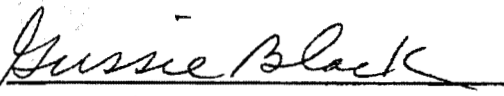
I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated
November 21, 2014
and ending with the issue dated
November 21, 2014.



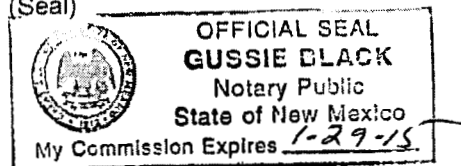
Publisher

Sworn and subscribed to before me this
21st day of November 2014.

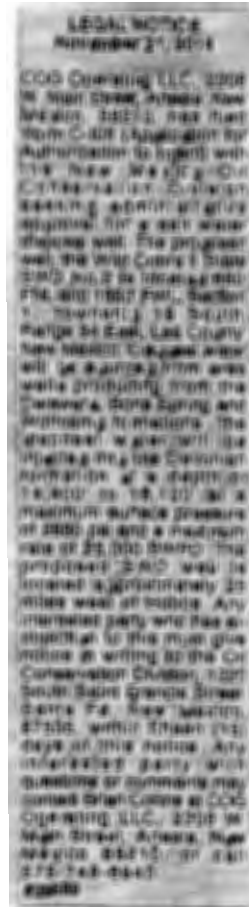


Business Manager

My commission expires
January 29, 2015
(Seal)



This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said



67112034

00147944

BRIAN COLLINS
COG OPERATING LLC
2208 W. MAIN ST.
ARTESIA, NM 88210



C-108 Review Checklist: Received _____ Add. Request: _____ Reply Date: _____ Suspended: _____ [Ver 13]

PERMIT TYPE: WFX / PMX / SWD Number: 1525 Permit Date: _____ Legacy Permits/Orders: None

Well No. 2 Well Name(s): Wild Cobana 1 State SWD

API: 30-0 25-Pending Spud Date: TBD New or Old: New (UIC Class II Primacy 03/07/1982)

Footages 660 FNL 1650 FNL Lot 3 or Unit _____ Sec 1 Tsp 19S Rge 34E County Lea

General Location: _____ Pool: SWD: Devonian Montoya Pool No.: 96105

BLM 100K Map: _____ Operator: COG operating LLC OGRID: 229157 Contact: Brian Collins

COMPLIANCE RULE 5.9: Total Wells: 374 Inactive: 0 Fincl Assur: Y Compl. Order? No IS 5.9 OK? Y Date: 2-02-2015

WELL FILE REVIEWED ☒ Current Status: - no application (APP) on file.

WELL DIAGRAMS: NEW: Proposed ☒ or RE-ENTER: Before Conv. ☐ After Conv. ☐ Logs in Imaging: only not circulated

Planned Rehab Work to Well: CBL 95/8 97"

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 <input type="checkbox"/> Surface	<u>26"/20"</u>	<u>1900</u>	<u>5000</u>	<u>SURFACE / VISUAL</u>
Planned <input checked="" type="checkbox"/> or Existing <input type="checkbox"/> Interm/Prod	<u>17 1/2"/13 1/8"</u>	<u>3550</u>	<u>40W</u>	<u>SURFACE / VISUAL</u>
Planned <input checked="" type="checkbox"/> or Existing <input type="checkbox"/> Interm/Prod	<u>12 1/4"/9 5/8"</u>	<u>10900</u>	<u>430U</u>	<u>SURFACE / VISUAL</u>
Planned <input checked="" type="checkbox"/> or Existing <input type="checkbox"/> Prod/Liner	<u>8 1/2"/7"</u>	<u>10700 to 14400</u>	<u>None</u>	<u>10700/design</u>
Planned <input checked="" type="checkbox"/> or Existing <input type="checkbox"/> Liner	<u>8 1/2"/7"</u>	<u>10700 to 14400</u>	<u>None</u>	<u>10700/design</u>
Planned <input type="checkbox"/> or Existing <input checked="" type="checkbox"/> OH/PERF	<u>14400 to 16100</u>	<u>1800</u>	<u>1800</u>	<u>Completion/Operation Details:</u>

Injection Stratigraphic Units:	Depths (ft)	Injection or Confining Units	Tops
Adjacent Unit: Litho. Struc. Por.			
Confining Unit: Litho. Struc. Por.			
Proposed Inj Interval TOP:	<u>14400</u>	<u>Devonian</u>	<u>14600</u>
Proposed Inj Interval BOTTOM:	<u>16100</u>	<u>Upper Ord/Montoya</u>	<u>15100</u>
Confining Unit: Litho. Struc. Por.		<u>Ellenburger</u>	
Adjacent Unit: Litho. Struc. Por.		<u>PC</u>	

AOR: Hydrologic and Geologic Information

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

FRESH WATER: Aquifer Agua Fria + Peris Max Depth 1130 HYDRO AFFIRM STATEMENT By Qualified Person ☒

NMOSE Basin: Lea CAPITAN REEF: thru ☐ adj ☐ NAD ☒ No. Wells within 1-Mile Radius? 2 FW Analysis ☒

Disposal Fluid: Formation Source(s) Devonian Analysis? ☒ On Lease ☐ Operator Only ☒ or Commercial ☐

Disposal Int: Inject Rate (Avg/Max BWPD): 25000 Protectable Waters? ☒ Source: Info needed System: Closed ☐ or Open ☐

HC Potential: Producing Interval? N/A Formerly Producing? No Method: Logs/DST/P&A/Other Unknown 2-Mile Radius Pool Map ☐

AOR Wells: 1/2-M Radius Map? N/A Well List? NA Total No. Wells Penetrating Interval: 0 Horizontals? 0

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

Penetrating Wells: No. P&A Wells 0 Num Repairs? - on which well(s)? - Diagrams? -

NOTICE: Newspaper Date NOV 21 Mineral Owner NMSLU Surface Owner NMSLU N. Date Dec

RULE 26.7(A): Identified Tracts? Yes Affected Persons: Devon, COG N. Date _____

Permit Conditions: Issues: CBL, Formation tops, unknown HC potential, salinity

Add Permit Cond: mud log; submittal of picks/log; CBL for 7 (possible 95/8); salinity calc.