

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

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FORM APPROVED
OMB NO 1004-0135
Expires: July 31, 20105. Lease Serial No.
NMLC029342B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
POLARIS B FEDERAL 139. API Well No.
30-015-3782610. Field and Pool, or Exploratory
LOCO HILLS; GLORIETA, YESO11. County or Parish, and State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
COG OPERATING LLCContact: KANICIA CARRILLO
E-Mail: kcarrillo@conchoresources.com3a. Address
550 WEST TEXAS AVE STE 1300
MIDLAND, TX 797013b. Phone No (include area code)
Ph: 432-685-4332

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 9 T17S R30E 504FSL 703FEL
32.84305 N Lat, 103.97014 W Lon**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Drilling Operations
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

8/19/10 Test 5-1/2 csg 5000psi, ok.

8/24/10 Perf Lower Blinebry @ 5500 - 5700 w/1 SPF, 26 holes.

8/25/10 Acidize w/3,500 gals acid. Frac w/113,272 gals gel, 146,382# 16/30 ?White sand, 31,060#

16/30 Siberprop. Set comp plug @ 5470. Perf Middle Blinebry @ 5230 - 5430 w/1 SPF, 26 holes.

Acidize w/3,000 gals acid. Frac w/ 114,188 gals gel, 145,811# 16/30 White sand, 31,275# 16/30

Siberprop. Set comp plug @ 5200. Perf Upper Blinebry @ 4960 - 5160 w/ 1 SPF, 26 holes. Acidize

w/3,500 gals acid. Frac w/108,713 gals gel, 127,711# 16/30 White sand,

31,175# 16/30 Siberprop. Set comp plug @ 4700. Perf Paddock @ 4450 - 4740 w/1 SPF, 29 holes.

Acidize w/3,000 gals acid. Frac w/97,754 gals gel, 104,310 16/30 White sand, 13,470# 16/30

Siberprop.

8/29/10 Drill out plugs. Clean out to PBTD 5990.

8/30/10 RIH w/176jts 2-7/8" J55 6.5# tbg, EOT @ 5471.

14 I hereby certify that the foregoing is true and correct

**Electronic Submission #92378 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad**

Name (Printed/Typed) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 09/07/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #92378 that would not fit on the form

32. Additional remarks, continued

8/31/10 RIH w/ 2-1/2x2x24 pump. Hang on well.

30-015-37826

COG OPERATING LLC

Eddy County, NM (NAN27 NME)

Polaris B Federal #13

Polaris B Federal #13

32D0710531

DH - Job #32D0710534

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Survey: MWD Survey

Standard Survey Report

18 August, 2010

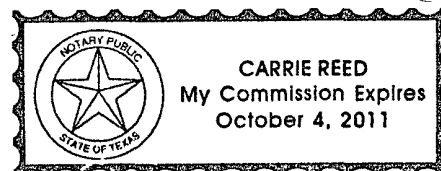
This survey is correct to the best of my knowledge and is supported by actual field data.

Richardson

Notorized this date 10th of August, 2010.

Carrie Reed

Notary Signature
County of Midland
State of Texas



Scientific Drilling International, Inc.
Survey Report

Company:	COG OPERATING LLC	Local Co-ordinate Reference:	Site Polaris B Federal #13
Project:	Eddy County, NM (NAN27 NME)	TVD Reference:	RKB Elev (12') @ 3704 0usft (SO #5)
Site:	Polaris B Federal #13	MD Reference:	RKB Elev (12') @ 3704 0usft (SO #5)
Well:	Polaris B Federal #13	North Reference:	Grd
Wellbore:	DH - Job #32D0710534	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM-Regulatory

Project	Eddy County, NM (NAN27 NME)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site						Polans B Federal #13					
Site Position:				Northing:		670,604.60 usft		Latitude:		32° 50' 34 981 N	
From:		Map		Easting:		611,545.90 usft		Longitude:		103° 58' 12 505 W	
Position Uncertainty:		0.0 usft		Slot Radius:		0 "		Grid Convergence:		0.20 °	

Well	Polaris B Federal #13					
Well Position	+N/-S	0.0 usft	Northing:	670,604.60 usft	Latitude:	32° 50' 34 981 N
	+E/-W	0.0 usft	Easting:	611,545.90 usft	Longitude:	103° 58' 12.505 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,692 0 usft

Wellbore	DH - Job #32D0710534				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	7/20/2010	7.91	60 73	49,066

Design	Actual				
Audit Notes:					
Version:	1 0	Phase:	ACTUAL	Tie On Depth:	0 0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0 0	0.0	0 0	239 23	

Survey Program	Date	7/25/2010			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
100.0	1,297 0	Gyro Survey (DH - Job #32D0710534)	Keeper	Standard Wireline Keeper ver 1 0.2	
1,406.0	5,849.0	MWD Survey (DH - Job #32D0710534)	MWD	MWD - Standard	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0 0	0.00	0.00	0 0	0 0	0 0	0 0	0.00	0.00	0 00	
100.0	0.14	256 63	100 0	0.0	-0.1	0 1	0 14	0.14	0 00	
200.0	0.43	324 40	200 0	0.2	-0.5	0 3	0 40	0 29	67 77	
300.0	1.03	339 61	300 0	1 4	-1.0	0 1	0 63	0 60	15.21	
400 0	1.49	331 73	400 0	3 4	-1 9	-0 1	0 49	0 46	-7 88	
500 0	1 53	332.71	499 9	5 7	-3.1	-0 2	0 05	0.04	0 98	
600.0	1 24	344.52	599.9	7 9	-4 0	-0 6	0 41	-0.29	11.81	
700 0	1.47	343 01	699.9	10.2	-4 7	-1 2	0 23	0 23	-1 51	
800 0	1.26	354.29	799 8	12.5	-5.2	-2 0	0 34	-0.21	11.28	
900.0	1 51	24.78	899.8	14.8	-4.8	-3 5	0 77	0 25	30.49	

Scientific Drilling International, Inc.

Survey Report

Company:	COG OPERATING LLC	Local Co-ordinate Reference:	Site Polaris B Federal #13
Project:	Eddy County, NM (NAN27 NME)	TVD Reference:	RKB Elev (12') @ 3704.0usft (SO #5)
Site:	Polaris B Federal #13	MD Reference:	RKB Elev (12') @ 3704.0usft (SO #5)
Well:	Polaris B Federal #13	North Reference:	Grnd
Wellbore:	DH - Job #32D0710534	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM-Regulatory

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,000.0	1.86	45.61	999.8	17.2	-3.0	-6.2	0.70	0.35	20.83
1,100.0	2.02	45.87	1,099.7	19.5	-0.6	-9.5	0.16	0.16	0.26
1,200.0	1.50	62.80	1,199.7	21.3	1.8	-12.5	0.73	-0.52	16.93
1,297.0	1.27	74.49	1,296.6	22.2	4.0	-14.8	0.37	-0.24	12.05

Scientific Drilling International, Inc.
Survey Report

Company:	COG OPERATING LLC	Local Co-ordinate Reference:	Site Polaris B Federal #13
Project:	Eddy County, NM (NAN27 NME)	TVD Reference:	RKB Elev (12') @ 3704.0usft (SO #5)
Site:	Polaris B Federal #13	MD Reference:	RKB Elev (12') @ 3704.0usft (SO #5)
Well:	Polaris B Federal #13	North Reference:	Grid
Wellbore:	DH - Job #32D0710534	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM-Regulatory

Project	Eddy County, NM (NAN27 NME)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Polaris B Federal #13		
Site Position:		Northing:	670,604.60 usft
From:	Map	Easting:	611,545.90 usft
Position Uncertainty:	0.0 usft	Slot Radius:	0"
		Latitude:	32° 50' 34.981 N
		Longitude:	103° 58' 12.505 W
		Grid Convergence:	0.20 °

Well	Polaris B Federal #13		
Well Position	+N/-S	0.0 usft	Northing: 670,604.60 usft
	+E/-W	0.0 usft	Easting: 611,545.90 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 50' 34.981 N
		Longitude:	103° 58' 12.505 W
		Ground Level:	3,692.0 usft

Wellbore	DH - Job #32D0710534		
Magnetics	Model Name	Sample Date	Declination
			(°)
	IGRF200510	7/20/2010	7.91
			Dip Angle
			(°)
			60.73
			Field Strength
			(nT)
			49,066

Design	Actual		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction
			(°)
			239.23

Survey Program	Date 8/18/2010		
From	To	Survey (Wellbore)	Tool Name
(usft)	(usft)		
100.0	1,297.0	Gyro Survey (DH - Job #32D0710534)	Keeper
1,406.0	5,849.0	MWD Survey (DH - Job #32D0710534)	MWD
			Description
			Standard Wireline Keeper ver 1.0.2
			MWD - Standard

Survey										
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Vertical Section	Dogleg Rate	Build Rate	Turn Rate	
(usft)	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(°/100usft)	(°/100usft)	(°/100usft)	
1,297.0	1.27	74.49	1,296.6	22.2	4.0	-14.8	0.00	0.00	0.00	
1,406.0	1.35	82.02	1,405.6	22.7	6.4	-17.1	0.17	0.07	6.91	
1,470.0	0.29	185.00	1,469.6	22.7	7.1	-17.7	2.25	-1.66	160.91	
1,534.0	2.86	253.40	1,533.6	22.0	5.6	-16.1	4.32	4.02	106.88	
1,597.0	3.61	242.50	1,596.5	20.7	2.3	-12.6	1.53	1.19	-17.30	
1,661.0	3.76	226.10	1,660.3	18.3	-1.0	-8.5	1.66	0.23	-25.63	
1,725.0	4.29	234.00	1,724.2	15.4	-4.4	-4.1	1.20	0.83	12.34	
1,795.0	5.72	239.70	1,793.9	12.1	-9.5	2.0	2.16	2.04	8.14	
1,859.0	6.89	236.30	1,857.5	8.4	-15.5	9.0	1.92	1.83	-5.31	
1,923.0	6.71	233.70	1,921.1	4.0	-21.7	16.6	0.56	-0.28	-4.06	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No 1004-0137
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC029342B

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator COG OPERATING LLC			Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com		
3. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701-4287			3a. Phone No. (include area code) Ph: 432-685-4332		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* - At surface Sec 9 T17S R30E Mer NMP SESE 504FSL 703FEL At top prod interval reported below Sec 9 T17S R30E Mer NMP At total depth SESE 330FSL 990FEL			8. Lease Name and Well No. POLARIS B FEDERAL 13		
14. Date Spudded 07/16/2010			15. Date T.D. Reached 07/26/2010		
16. Date Completed ☐ D & A ☒ Ready to Prod. 08/31/2010			9. API Well No. 30-015-37826-00-S1		
18. Total Depth: MD 6039 TVD 6017			19. Plug Back T.D.: MD 5990 TVD 5968		
20. Depth Bridge Plug Set: MD TVD			10. Field and Pool, or Exploratory LOCO HILLS		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT			11. Sec., T, R, M., or Block and Survey or Area Sec 9 T17S R30E Mer NMP		
22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ Yes (Submit analysis)			12. County or Parish EDDY		
			13. State NM		
23. Elevations (DF, KB, RT, GL)* 3692 GL					

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	453		992			
12.250	8.625 J-55	24.0	0	1336		700			
7.875	5.500 J-55	15.5	0	6039		950			

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NMOCD ARTESIA

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	5449							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA YESO			4450 TO 4740	0.410	19	OPEN
B) PADDOCK	4450	4740	4960 TO 5160	0.410	26	OPEN
C) BLINEBRY	5500	5700	5230 TO 5430	0.410	26	OPEN
D)			5500 TO 5700	0.410	26	OPEN

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
4450 TO 4740	ACIDIZE W/3,000 GALS 15% ACID
4450 TO 4740	FRAC W/97,754 GALS GEL, 104,310# 16/30 WHITE SAND, 13,470# 16/30 SIBERPROP SAND
4960 TO 5160	ACIDIZE W/3,500 GALS 15% ACID
4960 TO 5160	FRAC W/108,713 GALS GEL, 127,711# 16/30 WHITE SAND, 31,175# 16/30 SIBERPROP SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
09/04/2010	09/05/2010	24	→	69.0	184.0	1120.0	38.7	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
	70	70.0	→	69	184	1120		POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #92405 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30 Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31 Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas Depth
YATES	1230		DOLOMITE & SAND	YATES	1230
QUEEN	2135		SAND	QUEEN	2135
SAN ANDRES	2865		DOLOMITE & ANHYDRITE	SAN ANDRES	2865
GLORIETA	4296		SAND & DOLOMITE	GLORIETA	4296
YESO	4402		DOLOMITE & ANHYDRITE		
TUBB	5853				

32. Additional remarks (include plugging procedure):

Acid, Fracture, Treatment, Cement Squeeze etc continued..

5230 - 5430 ACIDIZE W/3,000 GALS 15% ACID.

5230 - 5430 Frac w/114,188 gals gel, 145,811# 16/30 White sand, 31,275# 16/30 Siberprop sand.

5500 - 5700 ACIDIZE W/3,500 GALS 15% ACID.

5500 - 5700 FRAC W/113,272 gals gel, 146,382# 16/30 White sand, 31,060# 16/30 Siberprop

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #92405 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 09/09/2010 (10KMS2182SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 09/08/2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Additional data for transaction #92405 that would not fit on the form

32. Additional remarks, continued

sand.

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DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410

DISTRICT IV
11885 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

SEP 20 2010

HOBBSOCD

OIL CONSERVATION DIVISION

11885 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-37826	Pool Code 96718	Pool Name Loco Hill;Glorieta,Yeso
Property Code 302547	Property Name POLARIS B FEDERAL	Well Number 13
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3692'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	9	17-S	30-E		504	SOUTH	703	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	9	17-S	30-E		342	SOUTH	985	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

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

GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=670604.6 N X=611545.9 E LAT.=32 843050" N LONG.=103.970141" W BOTTOM HOLE LOCATION Y=670430.0 N X=611259.5 E		DETAIL GRID AZ.= 238°37'54" HORZ. DIST.= 335.4'		OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>KC</i> 09/07/10 Signature Date Kanicia Carrillo Printed Name SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. FEBRUARY 26, 2010 Date Surveyed Signature & Seal of Professional Surveyor <i>Ronald J. Eidson</i> 03/23/2010 10:13:0380 Certificate No. RONALD J. EIDSON 3239
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