

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

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMLC029342B		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator COG OPERATING LLC			8. Lease Name and Well No. POLARIS B FEDERAL 32		
3. Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701			9. API Well No. 30-015-36667-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESE Lot P 630FSL 780FEL 32 84340 N Lat, 103.97039 W Lon At top prod interval reported below SESE Lot P 630FSL 780FEL 32.84340 N Lat, 103.97039 W Lon At total depth SESE Lot P 990FSL 990FEL			10. Field and Pool, or Exploratory LOCO HILLS		
14. Date Spudded 04/18/2010			15. Date T.D. Reached 04/29/2010		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 05/18/2010			17. Elevations (DF, KB, RT, GL)* 3692 GL		
18. Total Depth: MD 6015 TVD 6015			19. Plug Back T.D.: MD 5951 TVD 5951		
20. Depth Bridge Plug Set. MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT		
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)					

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 H40	48.0	0	440		1776		0	0
17.500	13.375 H-40	48.0	0	440		1776		0	
11.000	8.625 J-55	24.0	0	1183		500		0	0
11.000	8.625 J55	24.0	0	1183		500		0	0
7.875	5.500 J55	17.0	0	6005		1050		0	0
7.875	5.500 J-55	17.0	0	6005		1050		0	

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	5712							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			4420 TO 4730	0.410	29	OPEN
B) PADDOCK	4420	4730	4960 TO 5160	0.410	26	OPEN
C) BLINEBRY	4960	5730	5250 TO 5450	0.410	26	OPEN
D)			5530 TO 5730	0.410	26	

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

Depth Interval	Amount and Type of Material
4420 TO 4730	ACIDIZE W/3,000 GALS 15% ACID
4420 TO 4730	FRAC W/ 98,000 GALS GEL, 102,959# 16/30 WHITE SAND, 16,115# 16/30 CRC
4960 TO 5160	ACIDIZE W/2,500 GALS 15% ACID.
4960 TO 5160	FRAC W/ 117,000 GALS GEL, 145,724# 16/30 WHITE SAND, 34,819# 16/30 CRC

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
06/04/2010	06/05/2010	24	→	228.0	323.0	583.0	40.0	0.60	
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	→	228	323	583	1417	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
06/04/2010	06/05/2010	24	→	228.0	323.0	583.0	40.0	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	→	228	323	583		POW	

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

ELECTRONIC SUBMISSION #89553 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

ACCEPTED FOR RECORD

JUL 21 2010

/s/ Roger Hall

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE
ELECTRIC PUMPING UNIT

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	1237		DOLOMITE & SAND	YATES	1237
QUEEN	2137		SAND	QUEEN	2137
SAN ANDRES	2863		DOLOMITE & ANHYDRITE	SAN ANDRES	2863
GLORIETA	4289		SAND & DOLOMITE	GLORIETA	4289
YESO	4403		DOLOMITE & ANHYDRITE	YESO	4403
TUBB	5826		SAND	TUBB	5826

32. Additional remarks (include plugging procedure):

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

5250 - 5450 ACIDIZE W/2,500 GALS 15% ACID.

5250 - 5450 FRAC W/ 117,000 GALS GEL, 145,563# 16/30 White SAND, 33,837# 16/30 CRC.

5530 - 5730 Acidize W 2,500 gals 15% Acid.

5530 - 5730 Frac w/ 115,000 gals gel, 145,727# 16/30 White sand, 33,634# 16/30 CRC.

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 #89553 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by CHERYLE RYAN on 07/15/2010 (10CMR0533SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 07/14/2010

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 ****