

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. NMNM0467932		
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input checked="" 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. W D MCINTYRE E 8		
3. Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701			9. API Well No. 30-015-31787-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 20 T17S R30E Mer NMP At surface NESW 1650FSL 2250FWL At top prod interval reported below At total depth			10. Field and Pool, or Exploratory LOCO HILLS		
14. Date Spudded 07/09/2001			15. Date T.D. Reached 07/24/2008		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/04/2008			17. Elevations (DF, KB, RT, GL)* 3647 KB		
18. Total Depth: MD 6620 TVD			19. Plug Back T.D.: MD 6557 TVD		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL/FDC DLL 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 checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)			23. Casing and Liner Record (Report all strings set in well)		

DEC - 2 2008

OCD-ARTESIA

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 J55	48.0		425		955		0	17
12.250	8.625 J55	24.0		1224		600		0	223
7.875	5.500 J55	17.0		4967		1100		0	100
4.750	4.000 P110	11.3		6603	4860	140		4860	85
17.500	13.370 H-40	48.0	0	425		450		0	
12.250	8.625 J-55	24.0	0	1224		625		0	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	4864		2.875	4879				

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4415	4863	4415 TO 4862	0.410	36	Squeezed
B) YESO	6000	6200	4415 TO 4863	0.410	121	1 JSPF
C)			5440 TO 5640	0.410	32	OPEN
D)			5720 TO 5920	0.410	32	OPEN

Depth Interval	Amount and Type of Material
4415 TO 4862	ACIDIZE W/2,500 GALS 15% ACID, 32,00 GALS 20% ACID FRAC W/54,000 GALS GEL, 5,000 GALS 15% ACID.
4415 TO 4863	Gallons 20% NE Acid
4415 TO 4863	Gallons 15% HCL Acid
4415 TO 4863	Gallons 15% NE Acid

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
09/07/2008	09/12/2008	24	→	22.0	68.0	11.0	38.9		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	
			→	22	68	11	3091	POW	NOV 29 2008

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
09/07/2008	09/12/2008	24	→	22.0	68.0	11.0	38.9		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	
			→	22	68	11		POW	

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

ELECTRONIC SUBMISSION #64477 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Accepted for record - NMOCD

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
QUEEN SAN ANDRES GLORIETA PADDOCK	2128 2902 4330 4445	4770		QUEEN SAN ANDRES GLORIETA PADDOCK	2128 2902 4330 4398

32. Additional remarks (include plugging procedure):
Logs will be mailed.

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 #64477 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 11/06/2008 (09KMS0251SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 11/05/2008

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 ** REVISED ****

Additional data for transaction #64477 that would not fit on the form

23. Casing and Liner Record, continued

Hole Size	Size/Grade	Wt. (#/ft.)	Top(MD)	Btm(MD)	Stg Cmntr	Sx, Type	Cmnt	Slurry Vol	Cement Top	Amt Pulled
7.875	5.500 J-55	17.0	0	4967		1030			0	

26. Perforation Record, continued

Perf Interval	Size	No. Holes	Perf Status
6000 TO 6200	0.040	48	OPEN

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

Depth Interval	Amount and Type of Material
4415 TO 4863	Gallons 40 Pound Gel
5440 TO 5640	ACIDIZE W/2,500 GALS ACID. FRAC W/68,000 GALS GEL, 70,045# 16/30 SAND, 25,543# 20/40 SUPER LC.
5720 TO 5920	ACIDIZE W/3,500 GALS ACID. FRAC W/65,940 GALS GEL, 7,502# 16/30 SAND, 23,279# 20/40 SUPER LC.
6000 TO 6200	ACIDIZE W/3,500 GALS ACID. FRAC W/67,901 GALS GEL, 70,462# 16/30 SAND, 20,800# 20/40 SUPER LC.