

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WELL COMPLETION & COMPLETION REPORTFORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

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. NM-29269	
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input checked="" type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Res.		6. If Indian, Allottee or Tribe Name ---	
2. Name of Operator COG Operating LLC		7. Unit or CA Agreement Name and No. ---	
3. Address 550 W. Texas, Suite 1300, Midland, TX 79701		8. Lease Name and Well No. Navaho Federal #7	
3a. Phone No. (include area code) 432-685-4340		9. AFI Well No. 30-015-34771	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1650' FSL & 990' FEL, Lot 3 At top prod. interval reported below At total depth		10. Field and Pool, or Exploratory Empire Yeso	
11. Date Spudded 07/05/2006		12. County or Parish Eddy	
15. Date T.D. Reached 07/21/2006		13. State NM	
16. Date Completed 08/03/2006 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 3627' GL	
18. Total Depth: MD 5,415' TVD		19. Plug Back T.D.: MD 5394' TVD	
20. Depth Bridge Plug Set: MD None TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CN / HNGS, Micro CFL / HNGS	
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 report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)		23. Casing and Liner Record (Report all strings set in well)	
24. Tubing Record		25. Producing Intervals	
26. Perforation Record		27. Acid, Fracture, Treatment, Cement Squeeze, etc.	
28. Production - Interval A		28a. Production - Interval B	

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2	13-3/8	48		379		440 sx Cl C		Surface	
12-1/4	8-5/8	24		950		700 sx Cl C		Surface	
7-7/8	5-1/2	17		5407		1320 sx Cl C		Surface	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8	5179	None						

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Yeso			4772' - 4784'	2 SPF	27	Open
B) Yeso			4834' - 4840'	2 SPF	15	Open
C) Yeso			4994.5' - 5167'	2 SPF	54	Open
D)						

Depth Interval	Amount and Type of Material
4772' - 4840'	Acidize w/ 2 BBLS acid
	Frac w/ 36,000 gals 30# gel, 4000 gals 8013# LiteProp, 90,240# 16/30 sand, & 45,000 gals 40# gel
4994.5' - 5167'	Acidize w/ 3000 gals acid
	Frac w/ 30,000 gals 30# gel, 8013# LiteProp, 90,240# 16/30 sand, & 45,000 gals 40# gel

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/03/2006	09/14/2006	24	→	45	90	312	38.2		Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					Producing	

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 page 2)

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	1734				
San Andres	2472				
Glorieta	3984				
Yeso	4108				

32. Additional remarks (include plugging procedure):

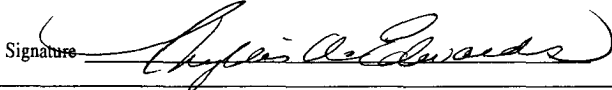
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
☐ Core Analysis
☒ Other:

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

Name (please print) Phyllis A. EdwardsTitle Regulatory Analyst

Signature


Date 10/16/2006

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.