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JUN 28 2010

HORRIS



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM 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		6. If Indian, Allottee or Tribe Name	
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		7. Unit or CA Agreement Name and No.	
2. Name of Operator COG OPERATING LLC		8. Lease Name and Well No. JC FEDERAL 17	
3. Address 550 WEST TEXAS AVE STE 1300 MIDLAND, TX 79701		9. API Well No. 30-025-38831	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot F 2310FNL 1650FWL 32.82089 N Lat, 103.75697 W Lon At top prod interval reported below Lot F 2310FNL 1650FWL 32.82089 N Lat, 103.75697 W Lon At total depth Lot F 2310FNL 1650FWL 32.82089 N Lat, 103.75697 W Lon		10. Field and Pool, or Exploratory MALJAMAR; YESO, WEST	
14. Date Spudded 03/05/2010		11. Sec., T., R., M., or Block and Survey or Area Sec 22 T17S R32E Mer	
15. Date T.D. Reached 03/16/2010		12. County or Parish LEA	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/19/2010		13. State NM	
17. Elevations (DF, KB, RT, GL)* 4006 GL			
18. Total Depth: MD 7046 TVD 7046		19. Plug Back T.D.: MD 6975 TVD 6975	
20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON		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)

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	800		650		0	0
11.000	8.625 J55	32.0	0	2153		600		0	0
7.875	5.500 L80	17.0	0	7034		1250		0	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	6484							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) PADDOCK	5476	5610	5476 TO 5610	0.410	26	OPEN
B) BLINEBRY	5970	6170	5970 TO 6170	0.410	26	OPEN
C) BLINEBRY	6240	6440	6240 TO 6440	0.410	26	OPEN
D) BLINEBRY	6510	6710	6510 TO 6710	0.410	26	OPEN

26. Perforation Record

Depth Interval	Amount and Type of Material
5476 TO 5610	ACIDIZE W/2,500 GALS 15% ACID
5476 TO 5610	FRAC W/96,985 GALS GEL, 104,077# 16/30 WHITE SAND, 11,542# 16/30 SIBERPROP SAND
5970 TO 6170	ACIDIZE W/3,500 GALS 15% ACID
5970 TO 6170	FRAC W/ 124,222 GALS GEL, 143,569# 16/30 WHITE SAND, 31,268# 16/30 SIBERPROP SAND

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
05/02/2010	05/06/2010	24	→	88.0	153.0	501.0	37.5	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	→					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
			→						IS/ Roger Hall
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 #87588 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

JUN 30 2010

ACCEPTED FOR RECORD

JUN 23 2010

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

KE PETROLEUM ENGINEER

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	2131		DOLOMITE & SAND	DOLOMITE & SAND	2131
QUEEN	3078		SAND	SAND	3078
SAN ANDRES	3850		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	3850
GLORIETA	5364		SAND & DOLOMITE	SAND & DOLOMITE	5364
YESO	5463		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	5463
TUBB	6881		SAND	SAND	6881

32 Additional remarks (include plugging procedure):

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

6240 - 6440 ACIDIZE W/3,500 GALS 15% ACID.

6240 - 6440 Frac w/ 124,190 gals gel, 143,518# 16/30 White sand, 31,527# 16/30 Siberprop sand.

6510 - 6710 ACIDIZE W/3,500 GALS 15% ACID.

6510 - 6710 FRAC W/124,159 gals gel, 145,726# 16/30 White sand, 29,860# 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 #87588 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Hobbs

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 06/08/2010

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.

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