

RECEIVED

Form 3160-4
(August 2007)

AUG 25 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED
OMB No 1004-0137
Expires July 31, 2010

WEBB SOURCE INFORMATION OR RECOMPLETION REPORT AND LOG

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			8. Lease Name and Well No. JC FEDERAL 35		
3. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701-4287			9. API Well No. 30-025-39506-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 21 T17S R32E Mer NMP At surface SWSE 990FSL 2200FEL 32.81555 N Lat, 103.77007 W Lon At top prod interval reported below Sec 21 T17S R32E Mer NMP At total depth SWSE 990FSL 2200FEL			10. Field and Pool, or Exploratory MALJAMAR		
14. Date Spudded 05/17/2010			15. Date T.D. Reached 05/27/2010		
16. Date Completed ☐ D & A ☒ Ready to Prod. 06/29/2010			17. Elevations (DF, KB, RT, GL)* 4020 GL		
18. Total Depth: MD 7107 TVD 7107		19. Plug Back T.D.: MD 7029 TVD 7029		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUT			22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☒ No ☐ 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	650		550		0	
17.500	13.375 H40	48.0	0	827		650		0	0
11.000	8.625 J55	32.0	0	2095		600		0	0
11.000	8.625 J55	24.0	0	2100		600		0	
7.875	5.500 L80	17.0	0	7100		1200		0	0
7.875	5.500 J55	15.5	0	7100		900		1900	

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	6575							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			5460 TO 5570	0.000	19	OPEN
B) PADDOCK	5460	5570	6070 TO 6270	0.000	26	OPEN
C) BLINEBRY	6610	6810	6340 TO 6540	0.000	26	OPEN
D)			6610 TO 6810	0.000	26	OPEN

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

Depth Interval	Amount and Type of Material
5460 TO 5570	ACIDIZE W/3,000 GALS 15% ACID
5460 TO 5570	FRAC W/115,000 GALS GEL, 127,553# 16/30 WHITE SAND, 15,188# 16/30 SIBERPROP SAND
6070 TO 6270	ACIDIZE W/2,500 GALS 15% ACID
6070 TO 6270	FRAC W/124,000 GALS GEL, 145,131# 16/30 WHITE SAND, 24,111# 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
06/29/2010	07/03/2010	24	→	173.0	230.0	628.0	37.6	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	→	173	230	628	1329	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
06/29/2010	07/03/2010	24	→	173.0	230.0	628.0	37.6	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	→	173	230	628		POW	

ACCEPTED FOR RECORD

AUG 20 2010

IS/ Roger Hall

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #90144 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

KS

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	2139		DOLOMITE & SAND	YATES	2139
QUEEN	3109		SAND	QUEEN	3109
SAN ANDRES	3870		DOLOMITE & ANHYDRITE	SAN ANDRES	3870
GLORIETTA	5401		SAND & DOLOMITE	GLORIETTA	5401
YESO	5451		DOLOMITE & ANHYDRITE	YESO	5451
TUBB	6960		SAND		

32. Additional remarks (include plugging procedure):

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

6340 - 6540 ACIDIZE W/3,600 GALS 15% ACID.

6340 - 6540 Frac w/130,873 gals gel, 147,863# 16/30 Ottawa sand, 28,037# 16/30 Siberprop.

6610 - 6810 ACIDIZE W/3,700 GALS 15% ACID

6610 - 6810 FRAC W/124,566 gals gel, 146,998# 16/30 Ottawa sand, 31,399# 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 Analysts | 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 #90144 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by KURT SIMMONS on 07/26/2010 (10KMS0689SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 07/23/2010

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 ****