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OCD Artesia

Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR NMOC D ARTESIA OF LAND MANAGEMENT WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

1a. Type of Well [X] Oil Well [] Gas Well [] Dry [] Other []
b. Type of Completion [X] New Well [] Work Over [] Deepen [] Plug Back [] Diff. Resvr. []
2. Name of Operator COG OPERATING LLC Contact: KANICIA CARRILLO
3. Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701
4. Location of Well (Report location clearly and in accordance with Federal requirements)*
14. Date Spudded 04/02/2010
15. Date T.D. Reached 04/11/2010
16. Date Completed [] D & A [X] Ready to Prod. 05/12/2010
18. Total Depth: MD 6105 TVD 6105
19. Plug Back T.D.: MD 6055 TVD 6055
20. Depth Bridge Plug Set: MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUT
22. Was well cored? [X] No [] Yes (Submit analysis)
Was DST run? [X] No [] Yes (Submit analysis)
Directional Survey? [X] No [] Yes (Submit analysis)

23 Casing and Liner Record (Report all strings set in well)
Table with columns: Hole Size, Size/Grade, Wt. (#/ft.), Top (MD), Bottom (MD), Stage Cementer Depth, No. of Skis & Type of Cement, Slurry Vol. (BBL), Cement Top*, Amount Pulled

24. Tubing Record
Table with columns: Size, Depth Set (MD), Packer Depth (MD)

25 Producing Intervals
26 Perforation Record
Table with columns: Formation, Top, Bottom, Perforated Interval, Size, No. Holes, Perf. Status

27. Acid, Fracture, Treatment, Cement Squeeze, Etc
Table with columns: Depth Interval, Amount and Type of Material

28 Production - Interval A
Table with columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr API, Gas Gravity, Production Method
28a Production - Interval B
Table with columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr API, Gas Gravity, Production Method

ACCEPTED FOR RECORD
ELECTRIC PUMPING UNIT
JUL 24 2010
BUREAU OF LAND MANAGEMENT
ELECTRIC PUMPING UNIT
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #88720 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED **

dm

Handwritten signatures and initials

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	1437		DOLOMITE & SAND	YATES	1437
QUEEN	2337		SAND	QUEEN	2337
SAN ANDRES	3062		DOLOMITE & ANHYDRITE	SAN ANDRES	3062
GLORIETA	4523		SAND & DOLOMITE	GLORIETA	4523
YESO	4578		DOLOMITE & ANHYDRITE		
TUBB	5946		SAND		

32. Additional remarks (include plugging procedure)

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

5320 - 5520 ACIDIZE W/2,500 GALS 15% ACID.

5320 - 5520 Frac w/124,220 gals gel, 149,474# 16/30 Ottawa sand, 30,614# 16/30 Siberprop sand.

5600 - 5800 ACIDIZE W/2,500 GALS 15% ACID.

5600 - 5800 FRAC W/118,404 gals gel, 143,629# 16/30 Ottawa sand, 28,819# 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 #88720 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by CHERYLE RYAN on 06/29/2010 (10CMR0525SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 06/29/2010

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 ****

Additional data for transaction #88720 that would not fit on the form

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

Depth Interval	Amount and Type of Material
5320 TO 5520	gal 15% acid
5320 TO 5520	gal gel, 149474# 16/30 Ottawa sand, 30614# 16/30 Siberprop sand
5600 TO 5800	gal 15% acid
5600 TO 5800	gal gel, 143629# 16/30 Ottawa sand, 28819# 16/30 siberprop sand

32. Additional remarks, continued

sand.