

NM OIL CONSERVATION

ARTESIA DISTRICT

OCD Artesia
FEB 06 2015Form 3160-4
(August 2007)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 RECEIVED

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. JACK FEDERAL 3H	
3. Address 2208 W MAIN ST ARTESIA, NM 88210		9. API Well No. 30-015-42133	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 31 T25S R27E Mer NMP NENW 206FNL 2360FWL At top prod interval reported below At total depth Sec 31 T25S R27E Mer NMP SESW 331FSL 2008FWL		10. Field and Pool, or Exploratory WILDCAT; BONE SPRING	
14. Date Spudded 08/22/2014		15. Date T.D. Reached 09/03/2014	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/04/2014		17. Elevations (DF, KB, RT, GL)* 3267 GL	
18. Total Depth: MD 12027 TVD 7487		19. Plug Back T.D.: MD 11990 TVD 7490	
20. Depth Bridge Plug Set: MD 11990 TVD 7490		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE	
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 type="checkbox"/> No <input checked="" 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	386		450		0	
12.250	9.625 J55	36.0	0	2028		750		0	
8.750	5.500 P110	17.0	0	12009		2400		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	7560	6949						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7576	11960	7576 TO 11960	0.430	540	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7576 TO 11960	SEE IN REMARKS

ACCEPTED FOR RECORD
FEB 3 2015
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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
11/07/2014	12/08/2014	24	→	693.0	2000.0	1638.0			Gas Lift FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	500	1010.0	→	693	2000	1638		POW	Connected to Gas Sales 12/22/14

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
			→						
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 #284850 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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.)
FLARED

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
LAMAR	2008	2067		RUSTLER	124
BELL CANYON	2068	2879		TOS	345
CHERRY CANYON	2880	3992		BOS	1815
BRUSHY CANYON	3993	5576		LAMAR	2008
BONE SPRING LM	5577	6503		BELL CANYON	2068
1ST BONE SPRING	6504	7236		CHERRY CANYON	2880
2ND BONE SPRING	7237	7491		BRUSHY CANYON	3993
				BONE SPRING LM	5577

32. Additional remarks (include plugging procedure):

Perfs 7 1/2" Sand (#) Fluid (gal)
 11761-11960' 3000 446101 399648
 11462-11661' 5999 449760 386309
 11163-11362' 5982 449080 385494
 10864-11063' 5999 451040 370517
 10565-10766' 5982 450880 373608
 10268-10465' 5999 448860 387797
 9967-10164' 5999 442860 369845

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 #284850 Verified by the BLM Well Information System.
 For COG OPERATING LLC, sent to the Carlsbad
 Committed to AFMSS for processing by DEBORAH HAM on 01/29/2015 ()

Name (please print) STORMI DAVIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 12/11/2014

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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Additional data for transaction #284850 that would not fit on the form

32. Additional remarks, continued

9667-9868' 5999 453260 375557
9369-9569' 5982 458170 365124
9071-9270' 5999 449820 379169
8772-8971' 5999 456560 373667
8473-8667' 5982 449440 371886
8178-8373' 5999 452770 372617
7875-8074' 5982 425770 376842
7576-7775' 6066 463100 374952
Totals 86968 6747471 5663031

Additional Tops:

1st Bone Spring 6504
2nd Bone Spring 7237

Surveys are attached.