

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM05542521a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
COG OPERATING LLC

Contact: STORMI DAVIS

8. Lease Name and Well No.
PICASSO FEDERAL 2H3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE
MIDLAND, TX 79701-42873a. Phone No. (include area code)
Ph: 575.748.69469. API Well No.
30-025-41905-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface SWSE 190FSL 1330FEL 32.225207 N Lat, 103.470202 W Lon

At top prod interval reported below

At total depth NWNE 352FNL 2255FEL

10. Field and Pool, or Exploratory
RED HILLS11. Sec., T., R., M., or Block and Survey
or Area Sec 9 T24S R34E Mer NMP12. County or Parish
LEA13. State
NM14. Date Spudded
11/15/201415. Date T.D. Reached
12/20/201416. Date Completed
☐ D & A ☒ Ready to Prod.
01/26/201517. Elevations (DF, KB, RT, GL)*
3531 GL18. Total Depth: MD 14084
TVD 914919. Plug Back T.D.: MD 14030
TVD 914920. Depth Bridge Plug Set: MD 14030
TVD 914921. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CNL LATEROLOG22. 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 J55	54.5	0	1252		925		0	
12.250	9.625 J55	40.0	0	5193		1500		0	
7.875	5.500 P110	17.0	0	14084		2175		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	10017	8809						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING NORTH	9527	13990	9527 TO 13930	0.000	1080	OPEN (96434) BS
B)			13980 TO 13990		60	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
9527 TO 13930	SEE IN REMARKS

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
01/28/2015	03/10/2015	24	→	424.0	100.0	3191.0			FLOWERS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
26/64	SI		→	424	100	3191		POW	ACCEPTED FOR RECORD

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
			→						MAR 13 2015
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

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

ELECTRONIC SUBMISSION #294538 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

APR 14 2015

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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
DELAWARE	5316	5355		DELAWARE	5316
BELL CANYON	5356	6431		BELL CANYON	5356
CHERRY CANYON	6432	7721		CHERRY CANYON	6432
BRUSHY CANYON	7722	9059		BRUSHY CANYON	7722
BONE SPRING LIME	9060	10145		BONE SPRING LIME	9060
BONE SPRING 1ST	10146	10678		BONE SPRING 1ST	10146
BONE SPRING 2ND	10679	11714		BONE SPRING 2ND	10679
BONE SPRING 3RD	11715	12028		BONE SPRING 3RD	11715

32. Additional remarks (include plugging procedure):

Perfs 7 1/2" Sand (#) Fluid (gal)
 13831-13930' 4242 245524 270018
 13683-13780' 3024 246312 253218
 13530-13633' 3054 246854 254256
 13386-13485' 3000 248177 249708
 13237-13336' 3012 246780 249342
 13089-13188' 3024 247350 251370
 12941-13043' 3012 240109 306336

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 #294538 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by LINDA JIMENEZ on 03/12/2015 (15LJ0746SE)

Name(please print) STORMI DAVISTitle REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 03/11/2015

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 ** REVISED ****

Additional data for transaction #294538 that would not fit on the form

32. Additional remarks, continued

12792-12891' 3000 240781 258150
12644-12738' 3000 246684 250464
12497-12594' 3000 246171 248364
12344-12446' 3012 245325 248922
12196-12297' 3000 246084 254118
12050-12149' 3000 245588 248141
11902-12001' 3096 246794 245184
11753-11852' 3000 243521 241980
11605-11704' 3000 243179 244962
11456-11557' 3012 238663 244722
11310-11407' 3000 238201 243821
11160-11259' 3000 245987 264464
11008-11110' 4578 248086 257040
10863-10962' 3024 246024 254100
10714-10813' 4524 246505 256194
10566-10665' 3000 244927 241938
10417-10520' 3054 247278 247200
10269-10368' 3000 247950 244290
10121-10217' 3012 246028 242034
9974-10071' 3024 246679 245238
9824-9920' 3066 241588 241858
9675-9774' 3096 246270 245478
9527-9630' 3138 247091 240648
Totals 94998 7356510 7543553

Additional Tops:
Wolfcamp 12029

Surveys are attached.