

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD Copy

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			5. Lease Serial No. NMLC064198A		
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 _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator COG OPERATING LLC			8. Lease Name and Well No. LUSK DEEP UNIT A 27H		
3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287		3a. Phone No. (include area code) Ph: 575.748.6946	9. API Well No. 30-025-42209-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 18 T19S R32E Mer NMP At surface Lot 3 1980FSL 190FWL 32.658583 N Lat, 103.813124 W Lon At top prod interval reported below Sec 18 T19S R32E Mer NMP At total depth NESE 2205FSL 345FEL			10. Field and Pool, or Exploratory LUSK		
14. Date Spudded 10/30/2014			15. Date T.D. Reached 11/16/2014	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/10/2015	17. Elevations (DF, KB, RT, GL)* 3585 GL
18. Total Depth: MD 13685 TVD 9269		19. Plug Back T.D.: MD 13632 TVD 9269		20. Depth Bridge Plug Set: MD 13632 TVD 9269	
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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	795		650		0	
12.250	9.625 J55	36.0	0	4487	2707	1925		0	
8.750	5.500 P110	17.0	0	13685		2800		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	8780							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9473	13592	9473 TO 13528	0.000	504	OPEN (41440) Bone Spring
B)			13582 TO 13592		60	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
9473 TO 13528	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
01/11/2015	01/19/2015	24	→	735.0	462.0	1589.0			B I R F / ELECTRIC PUMP / SUB-SURFACE
Choke Size	Tbg. Press. Flwg. 270 SI	Csg. Press. 235.0	24 Hr. Rate →	Oil BBL 735	Gas MCF 462	Water BBL 1589	Gas:Oil Ratio	Well Status POW	CARLSBAD FIELD OFFICE

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 #290192 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED **

Reclamation Date: 6/11/2015

FEB 17 2015

AM

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
CAPITAN REEF	2842	4551		RUSTLER	694
DELAWARE	4552	6977		TOP OF SALT	774
BONE SPRING LIME	6978	8288		BASE OF SALT	2313
BONE SPRING 1ST	8289	9036		YATES	2555
BONE SPRING 2ND	9037	9269		SEVEN RIVERS	2747
				CAPITAN REEF	2842
				DELAWARE	4552
				BONE SPRING LIME	6978
				BONE SPRING 1ST	8289
				BONE SPRING 2ND	9037

32. Additional remarks (include plugging procedure):

Perfs 7 1/2" Sand (#) Fluid (gal)
 13334-13528' 7158 465501 550512
 13040-13230' 6024 448733 372037
 12742-12938' 6024 451286 371239
 12440-12641' 5999 451776 370633
 12146-12344' 5999 451256 372858
 11849-12047' 6048 452072 370944
 11546-11750' 6048 450001 371994

33. Circle enclosed attachments:

- Electrical/Mechanical Logs (1 full set req'd.)
- Geologic Report
- DST Report
- Directional Survey
- Sundry Notice for plugging and cement verification
- Core Analysis
- 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 #290192 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by LINDA JIMENEZ on 02/11/2015 (15LJ0647SE)

Name (please print) STORMI DAVIS Title REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 02/02/2015

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.

Additional data for transaction #290192 that would not fit on the form

32. Additional remarks, continued

11255-11453' 6024 449927 368862
10958-11156' 5999 452420 365561
10657-10859' 5940 452359 368526
10356-10562' 6024 449858 370458
10061-10265' 6006 455763 367374
9770-9968' 6024 451894 366174
9473-9671' 6024 323261 353766
Totals 85339 6206107 5340936

Additional Tops:

1st Bone Spring 8289
2nd Bone Spring 9037

Surveys attached.