

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTHOBBS
NMOC
Hobbs

HOBBS OCD

NOV 06 2017

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Lease Serial No.
NNNM120908

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			Contact: STORMI DAVIS		
3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287			3a. Phone No. (include area code) Ph: 575.748.6946		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 30 T24S R32E Mer NMP At surface NENW 210FNL 1850FWL 32.194908 N Lat, 103.716515 W Lon Sec 31 T24S R32E Mer NMP At top prod interval reported below SESW 50FSL 1710FWL 32.166592 N Lat, 103.716949 W Lon Sec 31 T24S R32E Mer NMP At total depth SESW 251FSL 2231FWL			8. Lease Name and Well No. WINDWARD FEDERAL 7H		
14. Date Spudded 01/04/2017			15. Date T.D. Reached 01/28/2017		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 08/30/2017			17. Elevations (DF, KB, RT, GL)* 3543 GL		
18. Total Depth: MD 19126 TVD 9133			19. Plug Back T.D.: MD 19050 TVD 9133		
20. Depth Bridge Plug Set: MD 19050 TVD 9133			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 J-55	54.5	0	800		975		0	
12.250	9.625 L-80	40.0	0	4550		1575		0	
8.750	5.500 P-110	17.0	0	19120		3350		20	

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	8708	8698						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9372	19025	9372 TO 19025	0.000	2816	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
9372 TO 19025	SEE ATTACHED

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
08/31/2017	08/31/2017	24	→	378.0	611.0	2743.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. 725 SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
38/64			→	378	611	2743		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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD
OCT 23 2017

DAVID R. GLASS

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #392302 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECLAMATION DUE:
FEB 28 2018

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
DELAWARE	4546	4572	OIL\GAS\WATER	RUSTLER	823
BELL CANYON	4573	5531		TOP OF SALT	1059
CHERRY CANYON	5532	6803		BASE OF SALT	4324
BRUSHY CANYON	6804	8458		DELAWARE	4546
BONE SPRING LIME	8459	9208		BELL CANYON	4573
BONE SPRING	9372	19025		CHERRY CANYON	5532
				BRUSHY CANYON	6804
				BONE SPRING LIME	8459

32. Additional remarks (include plugging procedure):
Surveys, perms & stimulation are attached.

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 #392302 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by DAVID GLASS on 10/18/2017 (18DRG0007SE)

Name (please print) STORMI DAVIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 10/18/2017

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 ****

**McVAY DRILLING COMPANY**

P.O. Box 2450
Hobbs, New Mexico 88241
(575) 397-3311
FAX: 39-DRILL

HOBBS OCD**NOV 06 2017****RECEIVED**

Well Name and Num: **Windward Federal #7H**
Location: **Sec 24, T20S, R34E**
Operator: **COG**
Drilling Contractor: **McVay Drilling Company**

The undersigned certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @</u>	<u>Depth</u>	<u>Degrees @</u>	<u>Depth</u>	<u>Degrees @</u>	<u>Depth</u>	<u>Degrees @</u>	<u>Depth</u>
1.50	180	1.10	6493	89.10	12773	89.50	18710
1.90	664	1.80	6871	90.90	13245	90.30	19065
1.90	743	0.40	7249	92.00	13434		
1.10	1225	1.30	7650	90.20	13717		
0.60	1599	2.10	8003	89.50	14089		
1.10	1976	0.80	8380	91.40	14377		
1.20	2353	1.90	8569	91.20	14660		
0.60	2730	12.70	8809	93.80	15216		
0.70	3107	27.70	8966	89.40	15504		
0.40	3485	92.50	9403	88.80	15653		
0.40	3674	90.90	9848	88.50	16078		
0.90	4051	92.00	10131	90.40	16353		
0.70	4492	91.70	10602	90.90	16824		
0.40	4985	90.20	11074	90.70	17296		
0.80	5362	92.60	11546	90.10	17768		
0.90	5739	90.10	12018	90.00	17956		
1.00	6116	90.00	12490	89.80	18333		

By: *Matt O'Garra*Subscribed and sworn to before me this *14th* day of *February*, 2017*Tina Flemens*
Notary Public, Lea County, New Mexico