

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM0315712

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. NMNM136466

8. Lease Name and Well No. RAGNAR FEDERAL COM 25H

9. API Well No. 30-025-43131-00-S1

10. Field and Pool, or Exploratory MALJAMAR-YESO, WEST

11. Sec., T., R., M., or Block and Survey or Area Sec 22 T17S R32E Mer NMP

12. County or Parish LEA 13. State NM

17. Elevations (DF, KB, RT, GL)* 4014 GL

18. Total Depth: MD 11146 TVD 6350 19. Plug Back T.D.: MD 11068 TVD 6350 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CN 22. 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 Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	759		825	228	0	
12.250	9.625 J-55	40.0	0	2210		675	239	0	
8.750	7.000 L-80	29.0	0	5629				0	
8.750	5.000 L-80	17.0	5629	11136		2850	804	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		5725						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	6608	11048	6608 TO 11048	0.000	900	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6608 TO 11048	ACIDIZE W/ 98,952 7.5% ACID, FRAC W/ 329,054 GALS TREATED WATER, 4,731,392 GALS FR WATER,

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
10/12/2016	10/14/2016	24	→	370.0	204.0	1550.0	36.2	0.60	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI	70.0	→	370	204	1550	551	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	
	SI		→						

ACCEPTED FOR RECORD
/S/ DAVID R. GLASS
NOV 15 2016

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

ELECTRONIC SUBMISSION #356024 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED **

DAVID R. GLASS
PETROLEUM ENGINEER



RECLAMATION DUE:
APR 12 2017

07001
201611

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
RUSTLER	851	2079	ANHYDRITE	RUSTLER	851
TANSILL	2079	3167	SALT	TANSILL	2079
QUEEN	3167	3535	SANDSTONE	QUEEN	3167
GRAYBURG	3535	3910	SANDSTONE & DOLOMITE	GRAYBURG	3535
SAN ANDRES	3910	5474	DOLOMITE & LIMESTONE	SAN ANDRES	3910
PADDOCK	5474	6126	DOLOMITE & ANHYDRITE	PADDOCK	5474
BLINEBRY	6126	11146	DOLOMITE & ANHYDRITE	BLINEBRY	6126

32. Additional remarks (include plugging procedure):
Logs will be submitted in WIS.

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 #356024 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by DEBORAH HAM on 11/04/2016 (17DMH0018SE)**

Name (please print) KANICIA CASTILLO Title PREPARER

Signature _____ (Electronic Submission) Date 10/26/2016

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 ****