

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No. NMLC029405B

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. RUBY FEDERAL 20

9. API Well No. 30-025-40894-00-S2

10. Field and Pool, or Exploratory MALJAMAR **GB-SA**

11. Sec., T., R., M., or Block and Survey or Area Sec 18 T17S R32E Mer NMP

12. County or Parish LEA 13. State NM

14. Date Spudded 02/09/2013 15. Date T.D. Reached 02/15/2013 16. Date Completed 09/22/2014  D & A  Ready to Prod. 17. Elevations (DF, KB, RT, GL)\* 3985 GL

18. Total Depth: MD 6950 TVD 6950 19. Plug Back T.D.: MD 4305 TVD 4305 20. Depth Bridge Plug Set: MD 4305 TVD 4305

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GAMMARAY INFILES 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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	8.625 J-55	24.0	0	780		500	135	0	
7.875	5.500 L-80	17.0	0	6940		1420	244	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	4282							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
GRAYBURG-SAN ANDRES	3431	5290	3854 TO 4110			Prod GB-SA (43329) CBP@4305
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3854 TO 4110	ACIDIZE W/120 BBLs 15% NEFE HCL. FRAC W/49,880# 16/30 RESIN & 139,630# 16/30 WHITE SAND.

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
09/23/2014	09/24/2014	24	→	9.0	3.0	129.0	38.2		OTHER
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	375	0.0	→	9	3	129		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
			→						NOV 19 2014
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

ACCEPTED FOR RECORD  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #279512 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* BLM REVISED \*\*

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.)  
**CAPTURED**

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	725	900	ANHYDRITIC DOLOMITE HALITE (SALT) AND ANHYDRITE ANHYDRITE/DOLOMITE ANHYDRITE/DOLOMITE W/HALITE (S)	RUSTLER	725
SALADO	900	1923		SALADO	900
TANSILL	1923	2051		TANSILL	1923
YATES	2051	2383		YATES	2051
SEVEN RIVERS	2364	3007		SEVEN RIVERS	2364
QUEEN	3007	3431		QUEEN	3007
GRAYBURG	3431	3781		GRAYBURG	3431
SAN ANDRES	3781	5290		SAN ANDRES	3781
GLORIETTA	5290	5379			
PADDOCK	5379	5679			
BLINEBRY	5679	6769			

32. Additional remarks (include plugging procedure):

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 #279512 Verified by the BLM Well Information System:  
For CONOCOPHILLIPS COMPANY, sent to the Hobbs  
Committed to AFMSS for processing by LINDA JIMENEZ on 11/17/2014 (15LJ0297SE)**

Name (please print) RHONDA ROGERS Title STAFF REGULATORY TECHNICIAN

Signature \_\_\_\_\_ (Electronic Submission) Date 11/14/2014

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.

**\*\* REVISED \*\* REVISED \*\***