

NMOCD MAY 09 2016

Hobbs

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Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

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. NMLC029405B	
b. Type of Completion <input 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 CONOCOPHILLIPS COMPANY		7. Unit or CA Agreement Name and No.	
Contact: RHONDA ROGERS E-Mail: rogersr@conocophillips.com		8. Lease Name and Well No. RUBY FEDERAL 20	
3. Address MIDLAND, TX 79710		9. API Well No. 30-025-40894-00-C2	
3a. Phone No. (include area code) Ph: 432-688-9174		10. Field and Pool, or Exploratory MALJAMAR	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NESE 2310FSL 910FEL At top prod interval reported below NESE 2310FSL 910FEL At total depth NESE 2310FSL 910FEL		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 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/13/2015		17. Elevations (DF, KB, RT, GL)* 3985 GL	
18. Total Depth: MD 6950 TVD 6950		19. Plug Back T.D.: MD 6894 TVD 6894	
20. Depth Bridge Plug Set: MD 4305 TVD 4305		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GAMMARAY INFILES ONFILE ONFILE	
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 checked="" type="checkbox"/> No <input 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
12.250	8.625 J-55	24.0	0	780		500	135	0	
7.875	5.500 L-80	17.0	0	6940		1420	444	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	5547							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
GRAYBURG-SAN ANDRES	3854	4110	3431 TO 5290			Producing GB-SA
B)			3854 TO 4110			PRODUCING
C)			5392 TO 5522			PRODUCING
D)			5392 TO 5522			Producing Paddock

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

Depth Interval	Amount and Type of Material
3854 TO 4110	Acid w/120 BBLs 15% NEFE HCl, Frac w/ TOTAL PROPPANTS 189,510#
5392 TO 5522	ACID W/2,500 GALS 15%, FRAC W/TOTAL PROPPANTS = 115,000#
5790 TO 6625	ACID W/7,297 GALS 15%, FRAC W/TOTAL PROPPANTS = 416,794#

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
07/13/2015	07/25/2015	24	→	7.5	25.0	130.5	38.2		FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	8	25	131	3125	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
07/13/2015	07/24/2015	24	→	7.5	26.0	131.0	38.2		FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	250		→	8	26	131		POW	

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

ELECTRONIC SUBMISSION #326512 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

DAVID R. GLASS

PETROLEUM ENGINEER

ACCEPTED FOR RECORD
/S/ DAVID R. GLASS

APR 29 2016

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
RED BEDS	0	725		RUSTLER	725
RUSTLER	725	900		SALADO	900
SALADO	900	1923		TANSILL	1923
TANSILL	1923	2051		YATES	2051
YATES	2051	2383		SEVEN RIVERS	2364
QUEEN	3007	3431		QUEEN	3007
GRAYBURG	3431	3781		GRAYBURG	3431
SAN ANDRES	3781	5290		SAN ANDRES	3781
GLORIETA	5290	5379		GLORIETA	5290
PADDOCK	5379	5679		PADDOCK	5379
BLINEBRY	5679	6769		BLINEBRY	5679

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 #326512 Verified by the BLM Well Information System.

For CONOCOPHILLIPS COMPANY, sent to the Hobbs

Committed to AFMSS for processing by JENNIFER SANCHEZ on 04/29/2016 (16JAS0354SE)

Name (please print) RHONDA ROGERS

Title STAFF REGULATORY TECHNICIAN

Signature (Electronic Submission)

Date 12/16/2015

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 #326512 that would not fit on the form

26. Perforation Record, continued

Perf Interval	Size	No. Holes	Perf Status
5790 TO 6625			Producing Blinbry
5790 TO 6625			PRODUCING