

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

5. Lease Serial No.  
NMLC029405B

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 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 CONOCOPHILLIPS COMPANY		8. Lease Name and Well No. RUBY FEDERAL 8	
Contact: ASHLEY BERGEN E-Mail: ashley.bergen@conocophillips.com		9. API Well No. 30-025-40521-00-S2	
3. Address MIDLAND, TX 79710		3a. Phone No. (include area code) Ph: 432-688-6888	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESE 1000FSL 620FEL At top prod interval reported below SESE 1000FSL 620FEL At total depth SESE 1000FSL 620FEL		10. Field and Pool, or Exploratory MALJAMAR <b>GB-SA</b>	
14. Date Spudded 07/04/2012		15. Date T.D. Reached 07/11/2012	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/18/2013		17. Elevations (DF, KB, RT, GL)* 3976 GL	

18. Total Depth: MD 7221 TVD 7221	19. Plug Back T.D.: MD 5330 TVD 5330	20. Depth Bridge Plug Set: MD 5330 TVD 5330
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21. Type Electric & Other Mechanical Logs Run (Submit copy of each) OTH	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)
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## 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	738		510	142	0	
7.875	5.500 L-80	17.0	0	7211		1250	442	0	50

## 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	5306		2.875	5306				

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GRAYBURG	3421	3778	3498 TO 3619			PRODUCING
GRAYBURG-SAN ANDRES	3498	5273	3498 TO 5273			producing - GB/SA
C) SAN ANDRES	3778	5285	3835 TO 5273			PRODUCING
D) PADDOCK	5364	5702	5364 TO 6767			

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

Depth Interval	Amount and Type of Material
3498 TO 3619	TOTAL PROPPANTS= 88,145#
3835 TO 5272	TOTAL ACID= 8279 GALS OF 15% NEFE TOTAL PROPPANTS= 17,600#
3835 TO 5273	4059 gal of 15% NEFE HCL, total proppants 105,745#

## 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
09/18/2013	09/18/2013	24	→	43.0	61.0	320.0	38.7		POW
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	43	61	320		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
09/18/2013	10/06/2013	24	→	38.0	155.0	381.0	38.7		POW
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	38	155	381	4079	POW	

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

ELECTRONIC SUBMISSION #253754 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED

E-PERMITTING -- New Well \_\_\_\_\_  
 Comp BA P&A \_\_\_\_\_ TA \_\_\_\_\_  
 CSNG \_\_\_\_\_ Loc CHG \_\_\_\_\_  
 ReComp \_\_\_\_\_ Add New Pool \_\_\_\_\_  
 Cancl Well \_\_\_\_\_ Create Pool \_\_\_\_\_

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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
RUSTLER	708	881	ANHYDRITIC DOLOMITE	RUSTLER	708
SALADO	881	1902	HALITE (SALD & ANHYDRITE	SALADO	881
TANSILL	1902	2039	ANHYDRITE/ DOLOMITE	TANSILL	1902
YATES	2039	2377		YATES	2039
SEVEN RIVERS	2377	3001		SEVEN RIVERS	2377
QUEEN	3001	3421		QUEEN	3001
GRAYBURG	3421	3778		GRAYBURG	3421
SAN ANDRES	3778	5285		SAN ANDRES	3778
GLORIETTA	5285	5364		GLORIETTA	5285
PADDOCK	5364	5702		PADDOCK	5364
BLINEBRY	5702	6767		BLINEBRY	5702

32. Additional remarks (include plugging procedure):

**\*\*Additional Tops\*\***

Glorieta 5285'-5364' Sandstone  
Paddock 5364'-5702' Dolomite/ Limestone  
Blinebry 5702'-6767' Dolomite w/ interbedded sandstone  
Tubb 6767'-7039' Dolomite w/ Anhydritic Shale

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 #253754 Verified by the BLM Well Information System.**  
For CONOCOPHILLIPS COMPANY, sent to the Hobbs  
Committed to AFMSS for processing by JIM AMOS on 07/19/2014 (14JA0512SE)

Name (please print) ASHLEY BERGEN

Title STAFF REGULATORY TECH

Signature (Electronic Submission)

Date 07/18/2014

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

**Additional data for transaction #253754 that would not fit on the form**

**25. Producing Intervals, continued**

<b>Formation</b>	<b>Top</b>	<b>Bottom</b>
BLINEBRY	5702	6767

**26. Perforation Record, continued**

<b>Perf Interval</b>	<b>Size</b>	<b>No. Holes</b>	<b>Perf Status</b>
5375 TO 5490			CLOSED BY BP SET @ 5330'
5880 TO 6570			CLOSED BY BP SET @ 5330'