

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NOV 14 2012

1. Lease Serial No. NMLC068291B

2. Name of Operator: ConocoPhillips Company

3. Address: P. O. Box 51810 Midland TX 79710

3a. Phone No. (include area code): (432)688-9174

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface UL B, 215' FNL & 1760' FEL
At top prod. interval reported below UL B, 993' FNL & 1763' FEL, Sec 20, 26S, 32E
At total depth UL O, 202' FNL & 1658' FEL, Sec 20, 26S, 32E

5. Lease Name and Well No. BUCK FEDERAL 20 2H

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. API Well No. 30-025-40483

9. Field and Pool or Exploratory Jennings; Upper Bone Springs

10. Sec, T, R, M, on Block and Survey or Area 20, 26S, 32E

11. County or Parish LEA

12. State NM

13. Elevations (DF, RKB, RT, GL)* 3158' GL

14. Date Spudded 04/07/2012

15. Date T.D. Reached 05/08/2012

16. Date Completed 10/04/2012

17. Total Depth: MD 13,444' TVD 9228'

18. Plug Back T.D.: MD 13,444' TVD 9228'

19. Depth Bridge Plug Set: MD NA TVD NA

20. Type Electric & Other Mechanical Logs Run (Submit copy of each)

21. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit report)
Directional Survey? No Yes (Submit copy)

RECEIVED

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cemen-ter Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8"	54.5#	0	982'		895 SX	895	0'	180 BBLs
12 1/4"	9 5/8"	40#	0	4496'		1380 SX	543	0'	SURF
8 3/4"	7"	29#	0	9612'		480 SX	205	0'	SURF
	4 1/2"	13.5#	0	13424'		NA	NA	NA	NA

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 7/8"	9120'	9099'	6 5/8"x2 7/8"					

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Avalon	9156'	13,347'	9,664'-13,347'			producing
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
9156'-13347'	Acidize w/2000 gals 15% acid, & 2,184,437# proppant bulk sand

RECLAMATION
DUE 4-4-13

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
10/25/12	10/25/12	24	→	369	744	1752			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	500#	0#	→						

ACCEPTED FOR RECORD

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	
			→						

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*(See instructions and spaces for additional data on page 2)

JAN 16 2013

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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 (Solid, used for fuel, vented, etc.)

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 Top	4315'	8153'			
Bone Spring	8153'	8676'			
Avalon A Shale	8676'	8922'			
Avalon B	8922'	9156'			
Avalon C	9156'				

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Rhonda Rogers Title Staff Regulatory Technician
 Signature *Rhonda Rogers* Date 11/02/2012

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.