

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AMENDED

FORM APPROVED
OMB NO 1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
 b Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resvr.,
 Other _____

2. Name of Operator **ConocoPhillips Company**3 Address **P.O. Box 51810
Midland, Tx 79710**3a Phone No. (include area code)
432-688-6943

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface **UL E 1980 FNL & 330 FWL**

At top prod. interval reported below

At total depth

14. Date Spudded
05/30/195015. Date T.D. Reached
06/06/195016. Date Completed **11/20/2007**
☐ D & A ☒ Ready to Prod.5 Lease Serial No.
LC032096A6 If Indian, Allottee or Tribe Name
N/A7 Unit or CA Agreement Name and No
N/A8. Lease Name and Well No.
Lockhart A-27 # 39. AFI Well No
30-025-0680710 Field and Pool, or Exploratory
Penrose Skelly Grayburg (50350)11 Sec., T., R., M., on Block and
Survey or Area **27-21S-37E**12 County or Parish **Lea** 13. State
NM17 Elevations (DF, RKB, RT, GL)*
3421' GL18. Total Depth: MD **7866**
TVD19 Plug Back T.D.: MD **4465**
TVD20. Depth Bridge Plug Set: MD **CIBP@6650 w/35' cmt**
TVD **CIBP@4500 w/35' cmt**

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

On file w/original completion22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
15	10 3/4	32.75	Surf	213		200 sxs		Surface	
9 7/8	7 5/8	24	Surf	2719		1362 sxs		Surface	
6 3/4	5 1/2	15.5	Surf	7865		500 sxs		TOC@2650	

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	3490	3490						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Grayburg	3710	3890	3525-3560	2 spf	70	Sqzed w/300 sxs
B)			3710-20; 3745-60; 3810-35	2 spf	170	Open
C)			3855-90			
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
3710-3890	Acidized w/4500 gls 15% HCl acid

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
10/12/2007	12/12/2007	24	→	28	155	138			Pumping
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	SI 250	80	→	28	155	138			Producing

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

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BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

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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
				Formation Tops on file w/original completion report	

32. Additional remarks (include plugging procedure):

Squeezed perforations of 3525-3560-Set retainer @ 3480', pumped 300 sxs cmt, WOC, and drilled out.

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) Donna Williams

Title Sr. Regulatory Specialist

Signature

Date 02/24/2009

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.