

## 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  
3300 N. "A" Street, Bldg. 6 #243 Midland TX 79705-5406

3.a. Phone No. (Include area code)  
(432)688-6818

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

At Surface 810' FNL & 660' FWL, UL "D"

At top prod. interval reported below 810' FNL & 660' FWL, UL "D"

At total depth 810' FNL & 660' FWL, UL "D"

14. Date Spudded

06/09/1955

15. Date T.D. Reached

06/16/1955

16. Date Completed

☐ D & A ☒ Ready to Prod.  
07/28/1955

18. Total Depth: MD 6630'  
TVD

19. Plug Back T.D.: MD 6547'  
TVD

20. Depth Bridge Plug Set: MD 5004'  
TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)  
Gamma Ray, CCL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

5. Lease Serial No.  
LC 032096(a)

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

8. Lease Name and Well No. 31405  
Lockhart A 27 8

9. API Well No.

30-025-06805

10. Field and Pool, or Exploratory

Penrose Skelly; Graybug (#50350)

11. Sec., T, R., M., on Block and  
Survey or Area Sec 27, T21-S, R37E

12. County or Parish  
Lea

13. State  
NM

17. Elevations (DF, RKB, RT, GL)\*

3419' DF

## 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
17-1/2"	13-3/8"		216'			250 sx			
12-1/4"	9-5/8"		2654'			1350 sx			
8-1/2"	7"		6629'			650 sx			

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	3903'	3650'						

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Penrose	3525'	3640'	3525'-3555' & 3620'-		120	open
B) Grayburg	3695'	3880'	3640' 2spf		90	open
C)			3695'-3715' & 3805'-			
D)			3880' 2spf			

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

Depth Interval	Amount and Type of Material
3525' - 3640'	Acidz Penrose w/11000 gls 15% Ferck; 150 1.3 S.G. galls @10 balls per 17 bbls
3695' - 3880'	Acidz Grayburg w/100 gls 15% HCL

## 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
1129200	71212200	24	→	28	155	138	37.8	.746	Pumping
Choke Size	Tbg. Press Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
	250	80	→					Producing	

## 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. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD

APR 26 2008

J Amos

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

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones or 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

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.)   
 ☐ Geological 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) Gay ThomasTitle Regulatory Technician

Signature

Gay ThomasDate 02/04/2008

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.