

UNITED STATES

DEPARTMENT OF THE INTERIOR
New Mexico Oil and Gas Division, District I
BUREAU OF LAND MANAGEMENT
1675 N. French Drive
Hobbs, NM 88240

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

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

2. Name of Operator
Apache Corporation3. Address
6120 South Yale, Suite 1500 Tulsa OK 74136-42243.a Phone No. (Include area code)
(918)491-53624. Location of Well (Report location clearly and in accordance with Federal requirements)*
At Surface 330' FNL & 990' FEL (NE1/4NE1/4), Unit A, Sec 17, T 21S, R37E
At top prod. interval reported below

At total depth

14. Date Spudded
07/31/200515. Date T.D. Reached
08/06/200516. Date Completed
☐ D & A ☒ Ready to Prod.
08/25/20055. Lease Serial No.
NMLC-032096-A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

8. Lease Name and Well No.
Lockhart A-17 109. API Well No.
30-025-3737910. Field and Pool, or Exploratory
Penrose Skelly; Grayburg11. Sec., T., R., M., on Block and
Survey or Area Sec 17, T 21S, R37E12. County or Parish
Lea 13. State
New Mexico17. Elevations (DF, RKB, RT, GL)*
3493' GR18. Total Depth: MD 4360'
TVD19. Plug Back T.D.: MD 4314'
TVD20. Depth Bridge Plug Set: MD 4064' RBP
TVD21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
DLL/MG, SD/DSN22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8"J55	24#	0	445'		375 sx	90.2	0' (circ)	
7-7/8"	5-1/2"J55	17#	0	4360'		900 sx	330	118' CBL	

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"		3738'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Grayburg	3710		3780 - 3978'	2 JSPF	40	Producing
B) San Andres	3990		4099 - 4195'	1 JSPF	62	TA
C)						
D)						

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

Depth Interval	Amount and Type of Material
3780 - 3973'	Acidize with 2000 gals 15% DXBX HCl
3780 - 3973'	Frac with 47k gals gel + 100k# 20/40 sd
4099 - 4195'	Acidize with 4500 gals 15% DXBX Anti-sludge 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
8/25/05	9/18/05	24	→	66	384	580	37.5		Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
40/64"	SI 110		→				5818	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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
	SI		→						

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

ACCEPTED FOR RECORD
DAVID R. GLASS
NOV 2 2005
DAVID R. GLASS
PETROLEUM ENGINEER

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 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
Rustler	1261				
Yates	2672				
Seven Rivers	2886				
Queen	3431				
Grayburg	3710				
San Andres	3990				

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

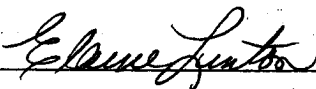
- ☒ 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geological Report 3. DST Report 4. Directional Survey
 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other

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

Name (please print) Elaine Linton

Title Engineering Technician

Signature



Date 10/05/2005

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.