

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

**N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240**

FORM APPROVED
OMB NO. 1004-1037
Expires: November 30, 2000

1a. Type of Well: Oil Well Gas Well Dry Other

b. Type of Completion: New Well Workover Deepen Plug Back Diff. Reserv.

Other Return TA'd Well to Production

2. Name of Operator
Apache Corporation

3. Address: **2000 Post Oak Blvd, Ste. 100, Houston, Texas 77056-4400**

3a. Phone No. (include area code): **713-296-6000**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: **1980' FSL & 660' FEL, Unit I**

At top prod. interval reported below

At total depth

5. Lease Serial No.: **NMLC032096A**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.: **Lockhart A-17 # 2**

9. API Well No.: **30-025-06637**

10. Field and Pool, or Exploratory: **Penrose Skelly; Grayburg**

11. Sec., T., R., M., or Block and Survey or Area: **Sec. 17, T-21S, R-37E**

12. County or Parish: **Lea**

13. State: **NM**

14. Date Spudded

15. Date T.D. Reached

16. Date Completed: D & A Ready to Produce **12/27/01**

17. Elevations (DF, RKB, RT, GL) * **3460' GL**

18. Total Depth: MD **6630** TVD

19. Plug Back T.D.: MD **4235** TVD

20. Depth Bridge Plug Set: MD **4300** TVD

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

22. 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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2	13-3/8	48#	0	195		200	-	Surface	
12-1/4	9-5/8	36#	0	2538		450	-	1364	
7-7/8	5-1/2	15# / 17#	0	6629		500	-	3510	

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	4031							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
Grayburg			3800 - 3946	4"	389	Producing

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

Depth Interval	Amount and Type of Material
3525 - 3565	Re-squeeze w/ 130 sx Class C cement
3688 - 3765	Cement squeeze w/ 50 sx Class C cement
3800 - 3946	Acidize w/ 6300 gals 15% HCL
	Frac w/ 31500 gals gel & 60085# 16/30 sand

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
12/27/01	12/30/2001	24	→	45	225	289	37.5	17	2002 Pumping
Choke Size	Tubing Pressure Flwg. SI	Casing Pressure	24 Hour Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	Production Method
20/64			→				5000	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	Tubing Pressure Flwg. SI	Casing Pressure	24 Hour Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	Production Method
			→						

ACCEPTED FOR RECORD
Hobbs
OCD
WELLS STATUS
PETROLEUM ENGINEERING
17 2002
Producing

K2

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	Tubing Pressure Flwg. SI	Casing Pressure	24 Hour 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	Tubing Pressure Flwg. SI	Casing Pressure	24 Hour 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 Measured Depth

32. Additional remarks (include plugging procedure):

33. Mark enclosed attachments:

Electrical Mechanical Logs (1 full set req'd.)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice / Plugging / Cement Verification
 Core Analysis
 Other C-104

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) Debra J. Anderson Title Sr. Engineering Technician
 Signature *Debra J. Anderson* Date 1/8/2002

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.