

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

1625 N. French Dr.  
Hobbs, NM 88240

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

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other										5. Lease Serial No. <b>NM-90161</b>	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Workover <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr.										6. If Indian, Allottee or Tribe Name	
2. Name of Operator <b>Apache Corporation</b>										7. Unit or CA Agreement Name and No.	
3. Address <b>6120 S. Yale, Suite 1500, Tulsa, OK 74136</b>					3a. Phone No. (include area code) <b>918-491-4957</b>					8. Lease Name and Well No. <b>Hawk B-1 #23</b>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface <b>650' FNL, 2160' FWL, Unit C (NE/4, NW/4)</b>										9. API Well No. <b>30-025-35879</b>	
At top prod. interval reported below										10. Field and Pool, or Exploratory <b>Penrose Skelly; Grayburg</b>	
At total depth										11. Sec., T., R., M., or Block and Survey or Area <b>Sec. 9, T21S, R37E</b>	
14. Date Spudded <b>5/23/02</b>					15. Date T.D. Reached <b>05/27/02</b>					12. County or Parish <b>Lea Co.</b>	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Produce <b>06/11/02</b>					17. Elevations (DF, RKB, RT, GL) * <b>3487'    GL</b>					13. State <b>NM</b>	
18. Total Depth: MD <b>4200'</b> TVD			19. Plug Back T.D.: MD <b>4141'</b> TVD			20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>GR/CNL/CCL</b>						22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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		
12-1/4	8-5/8	24#	0	405		350	84	Ci to surf			
7-7/8	5-1/2	17#	0	4200		1050	335	Ci to surf			
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	4090										
25. Producing Intervals					26. Perforation Record						
Formation	Top	Bottom	Perforated Interval		Size	No. Holes	Perf Status				
Grayburg	3750		3761-4006'		4"	236	Producing				
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.										ACCEPTED FOR RECORD	
Depth Interval		Amount and Type of Material									
3761-4006'		Acidized w/ 5,914 gals 15% HCL								JUL 17 2002	
		Frac w/ 40992 gals gel & 80,000# 16/30 sand									
28. Production - Interval A										GARY GOURLEY PETROLEUM ENGINEER	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gravity	Pumping		
06/05/02	6/29/2002	24	→	71	274	223	38.8				
Choke Size	Tubing Pressure Flwg. SI	Casing Pressure	24 Hour Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	Producing		
			→				3859				
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			
			→								

## 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
				Rustler	1300
				Yates	2652
				Seven Rivers	2900
				Queen	3466
				Grayburg	3750
				San Andres	4053

## 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 Deviation Rpt/NM-OCD 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) Kara CodayTitle Sr. Engineering Tech

Signature

Kara Coday

Date

7/2/2002

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 fraudulent statements or representations as to any matter within its jurisdiction.

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