

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: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other 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. <input type="checkbox"/> Other		5. Lease Serial No. <b>NM-90161</b> 6. If Indian, Allottee or Tribe Name  7. Unit or CA Agreement Name and No.  8. Lease Name and Well No. <b>Hawk B-1 # 25</b> 9. API Well No. <b>30-025-35798</b> 10. Field and Pool, or Exploratory <b>Penrose Skelly; Grayburg</b> 11. Sec., T., R., M., or Block and Survey or Area <b>Sec. 9, T-21S, R-37E</b> 12. County or Parish      13. State <b>Lea County</b> <b>NM</b>	
2. Name of Operator <b>Apache Corporation</b> 3. Address <b>6120 S. Yale, Suite 1500, Tulsa, OK 74136</b> 4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface <b>1830' FSL &amp; 1980' FEL (NW1/4SE1/4), Unit J</b> At top prod. interval reported below At total depth		3a. Phone No. (include area code) <b>918-491-4984</b> 16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Produce <b>04/23/02</b> 17. Elevations (DF, RKB, RT, GL) * <b>3482      GL</b>	
14. Date Spudded <b>04/07/02</b> 15. Date T.D. Reached <b>04/13/02</b> 19. Plug Back T.D.: MD <b>4114</b> TVD		20. Depth Bridge Plug Set: MD TVD	

21. Type Electric & Other Mechanical Logs Run ( Submit copy of each ) <b>CNL/GR/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)	
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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	24#	0	407		350	469 (cu ft)	Surface	
7-7/8	5-1/2	17#	0	4200		1300		Surface	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8	4040							

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
Grayburg	3734		3816 - 4012	4"	211	Producing

Depth Interval	Amount and Type of Material
3816 - 4012	Acidize w/ 5375 gals 15% HCL
	Frac w/ 41000 gals gel & 80000# 12/20 sand

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
4/23/02	5/7/2002	24	→	168	821	154	36.8		Pumping
Choke Size	Tubing Pressure Flwg. SI	Casing Pressure	24 Hour Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→				4887		Producing

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	
			→						

ACCEPTED FOR RECORD  
 MAY 30 2002  
 GARY GOURLEY  
 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	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	1290
				Yates	2628
				Queen	3456
				Grayburg	3734
				San Andres	4026

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 Report / 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) Marcia HendersonTitle Engineering Technician

Signature

Marcia Henderson

Date

5/15/2002

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.