

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. Resrv. <input type="checkbox"/> Other							6. If Indian, Allottee or Tribe Name 7. Unit or CA Agreement Name and No. 8. Lease Name and Well No. Hawk A #12 9. API Well No. 30-025-35872 10. Field and Pool, or Exploratory Penrose Skelly; Grayburg 11. Sec., T., R., M., or Block and Survey or Area Sec. 8, T-21S, R37E 12. County or Parish Lea Co. 13. State NM		
2. Name of Operator Apache Corporation 3. Address 6120 S. Yale, Suite 1500, Tulsa, OK 74136 3a. Phone No. (include area code) 918-491-4957 4. Location of Well (Report location clearly and in accordance with Federal requirements;*) At surface 990' FNL & 800' FEL (NE/4 NE/4) Unit A At top prod. interval reported below At total depth							17. Elevations (DF, RKB, RT, GL) * 3509' GL		
14. Date Spudded 6/4/02		15. Date T.D. Reached 6/9/02		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Produce 06/19/02		18. Total Depth MD 4210' TVD			
19. Plug Back T.D. MD 4158' TVD		20. Depth Bridge Plug Set MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CN/GR/CCL 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4	8-5/8	24#	0	409		350	84	Surf	
7-7/8	5-1/2	17#	0	4205		1050	335	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	4081								
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval		Size	No. Holes	Perf Status		
Grayburg	3800'		3842-4011'		4"	122	Producing		
27. Acid, Fracture, Treatment, Cement Squeeze, Etc									
Depth Interval		Amount and Type of Material							
3842-4011'		Acidized w/ 4000 gals 15% HCL							
		Frac w/ 41,000 gals gel & 80,000# 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
6/19/02	6/26/2002	24	→	51	153	298	36		Pumping
Choke Size	Tubing Pressure Flwg. SI	Casing Pressure	24 Hour Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→				3000	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	
			→						

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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	1297
				Yates	2683
				Seven Rivers	2935
				Queen	3487
				Grayburg	3800
				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 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

7/16/2002

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.