

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

N.M. 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		5. Lease Serial No. LC-031741-A							
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		6. If Indian, Allottee or Tribe Name							
2. Name of Operator Apache Corporation		7. Unit or CA Agreement Name and No.							
3. Address 6120 S. Yale, Suite 1500, Tulsa, OK 74136		8. Lease Name and Well No. Hawk A #11							
3a. Phone No. (include area code) 918-491-4984		9. API Well No. 30-025-35804							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 2180' FNL & 700' FEL (SE/4 NE/4) Unit H		10. Field and Pool, or Exploratory Penrose Skelly; Grayburg							
At top prod. interval reported below		11. Sec., T., R., M., or Block and Survey or Area Sec. 8, T-21S, R37E							
At total depth		12. County or Parish Lea Co.							
14. Date Spudded 3-24-02		13. State NM							
15. Date T.D. Reached 3-30-02		17. Elevations (DF, RKB, RT, GL) * 3523' GL							
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Produce		20. Depth Bridge Plug Set: MD TVD							
18. Total Depth: MD 4200 TVD		19. Plug Back T.D.: MD 4109 TVD							
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CPNL		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	406		350	469 (cu ft)	Surf	
7-7/8	5-1/2	17#	0	4200		1350	246 (cu ft)	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	4073								
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status			
Grayburg			3810-4061	4"	205	Producing			
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval	Amount and Type of Material								
3810-4061	Acidize w/4800 gals 15% HCL								
	Frac w/38,000 gals gel & 80,000# 12/20 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
4-10-02	4/29/2002	24	→	74	208	268	37.5		Pumping
Choke Size	Tubing Pressure Flwg. SI	Casing Pressure	24 Hour Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→				2811	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	
			→						

ACCEPTED FOR RECORD
MAY 10 2002
GARY GOURLEY
PETROLEUM ENGINEER

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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	1315
				Queen	2692
				Yates	3439
				Grayburg	3768
				San Andres	4070

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) Marcia Henderson Title Engineering Tech
 Signature Marcia Henderson Date 5/2/2002