

N.M. Oil Cons. Division  
1625 N. French Dr.  
Hobbs, NM 88240  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
WELL COMPLETION OR RECOMPLETION REPORT AND LOGFORM 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		6. If Indian, Allottee or Tribe Name							
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		7. Unit or CA Agreement Name and No.							
2. Name of Operator Apache Corporation		8. Lease Name and Well No. Hawk B-1 #34							
3. Address 6120 S. Yale, Suite 1500, Tulsa, OK 74136		9. API Well No. 30-025-36344							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface    1040' FSL, 1470' FWL, Unit N (SE/4, SW/4)  At top prod. interval reported below  At total depth		10. Field and Pool, or Exploratory Tubb O&G, Drinkard							
14. Date Spudded 9/16/2003		11. Sec., T., R., M., or Block and Survey or Area Sec. 9, T-21S, R37E							
15. Date T.D. Reached 9/28/2003		12. County or Parish Lea Co.							
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Produce 11/06/03		13. State NM							
17. Elevations (DF, RKB, RT, GL) * 3505'    GL									
18. Total Depth: MD 6900'    TVD		19. Plug Back T.D.: MD 6440'    TVD							
20. Depth Bridge Plug Set: MD    TVD									
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CSL, DLL-MG		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*	
12-1/4	8-5/8	24#	0	1330'		600	182	Ci to surf.	
7-7/8	5-1/2	17#	0	6900'		1250	461	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	6389'								
25. Producing Intervals				26. Perforation Record					
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Part Status			
Drinkard	6562		6562-6628	4"	45	Shut-in			
Tubb	6106		6106-6294	4"	76	Producing			
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.							ACCEPTED FOR RECORD		
Depth Interval	Amount and Type of Material								
6562 - 6628	Acidized w/ 1454 gals HCL. Retrievable Bridge Plug set at 6440'							DEC 29 2003	
6192 - 6294	Acidized w/ 3000 gals HCL								
6106 - 6146	Acidized w/ 2000 gals HCL								
6106 - 6294	Frac'd w/ 65617 gals gel and 74439 # 20/40 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	
11/6/2003	11/25/2003	24	→	50	674	55	38.8		
Choke Size	Tubing Pressure Flwg. SI	Casing Pressure	24 Hour Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→				13480	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	
			→						
Choke Size	Tubing Pressure Flwg. SI	Casing Pressure	24 Hour Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

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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	1302
				Yates	2692
				Seven Rivers	2919
				Queen	3475
				Grayburg	3726
				San Andres	4024
				Glorieta	5264
				Blinberry	5662
				Tubb	6128
				Drinkard	6446
				Abo	6692

## 32. Additional remarks (include plugging procedure):

## 3. 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

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 TechSignature Kara CodayDate 12/5/2003