

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other						5. Lease Serial No. NMNM-90161			
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv., 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 South Yale, Suite 1500 Tulsa OK 74136-4224				3a. Phone No. (Include area code) (918)491-5362		8. Lease Name and Well No. HAWK B-1 45			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 1332' FSL & 2629' FEL (NE1/4 SW1/4), Unit K, Sec 8, T21S, R37E At top prod. interval reported below At total depth						9. API Well No. 30-025-67441-37741			
						10. Field and Pool, or Exploratory Eunice; Blinbry-Tubb-Drinkard, North			
						11. Sec., T., R., M., on Block and Survey or Area Sec 8, T21S, R37E			
						12. County or Parish Lea			
						13. State New Mexico			
14. Date Spudded 07/08/2006		15. Date T.D. Reached 07/22/2006		16. Date Completed ☐ D & A ☒ Ready to Prod. 08/18/2006		17. Elevations (DF, RKB, RT, GL)* 3512'			
18. Total Depth: MD 6950' TVD		19. Plug Back T.D.: MD 6903' TVD		20. Depth Bridge Plug Set: MD TVD					
21. Type of Electric & Other Mechanical Logs Run (Submit copy of each) DLL/MG, SD/DSN				22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☒ No ☐ 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'	1318'		550 C	261	0' circ	
7-7/8"	5-1/2"	17#	0'	6950'		1150 C	425	170' CBL	
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"	6849'								
25. Producing Intervals					26. Perforation Record				
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) Blinbry		5741'		5732 - 6024'			36	Producing	
B) Tubb		6233'		6214 - 6378'			28	Producing	
C) Drinkard		6553'		6573 - 6826'			37	Producing	
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval			Amount and Type of Material						
5732 - 6024'			Acidize with 2000 gals 15% HCl. Frac with 36k gals gel + 82k# 20/40 sand.						
6214 - 6378'			Acidize with 2000 gals 15% HCl. Frac with 36k gals gel + 82k# 20/40 sand.						
6573 - 6826'			Acidize with 2000 gals 15% HCl. Frac with 31k gals gel + 62k# 20/40 sand.						
28. Production - Interval A Combined									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
8/18/06	8/28/06	24	→	80	418	142	40.0		Pumping
Choice Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						
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	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD
SEP - 8 2006
FREDERICK WRIGHT
PETROLEUM ENGINEER

dm

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested					Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. 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	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones or 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
					Meas. Depth
Rustler	1288				
Yates	2694				
Seven Rivers	2908				
Queen	3446				
Grayburg	3726				
San Andres	4010				
Glorieta	5239				
Blinberry	5741				
Tubb	6233				
Drinkard	6553				
Abo	6857				

32. Additional remarks (include plugging procedure):

Perf Detail:

BLINEBRY 5732-36', 5836-40', 5932-36' & 6020-24' 2 JSPF

TUBB 6214-16', 6272-74', 6336-40' & 6374-78' 2 JSPF

DRINKARD 6573-75', 6704-08', 6752-56', 6788-92' & 6824-26' 2 JSPF

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geological Report
 ☐ DST Report
 ☐ Directional Survey
 ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other

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) Elaine LintonTitle Engineering Technician

Signature

Elaine Linton

Date

09/01/2006

Title 18 U.S.C. Section 101 and Title 43 U.S.C. Section 212 make it a crime for any person knowingly and willfully to make to any department or agency of the United States and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

BUREAU OF LAND MGMT
CARLSBAD FIELD OFFICE
SEP 12 2006