

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-HOBES

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  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,  
Other \_\_\_\_\_

2. Name of Operator  
Apache Corporation

3. Address  
6120 S Yale Ave, Suite 1500 Tulsa OK 74136-4224

3.a Phone No. (Include area code)  
(918)491-4864

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At Surface 2605' FSL & 1210' FEL (NE1/4 SE1/4), Unit I, Sec 9, T21S, R37E  
At top prod. interval reported below

At total depth

14. Date Spudded  
02/16/2007

15. Date T.D. Reached  
02/23/2007

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
03/23/2007

5. Lease Serial No.  
NMNM-90161

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.  
B7B 116412

8. Lease Name and Well No.

HAWK B-1 64

9. API Well No.  
30-025-38199

10. Field and Pool, or Exploratory  
Eunice; Blinbry-Tubb-Drinkard, N

11. Sec., T., R., M., on Block and  
Survey or Area Sec 9, T21S, R37E

12. County or Parish  
Lea

13. State  
New Mexico

17. Elevations (DF, RKB, RT, GL)\*  
3474' GL

18. Total Depth: MD 6885'  
TVD

19. Plug Back T.D.: MD 6839'  
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'	1309'		600 Class C	182	0' circ	
7-7/8"	5-1/5"	17#	0'	6885'		1100 Class C	2029	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"	6753'							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blinbry	5652'		5660' - 5832'		62	Producing
B) Tubb	6131'		6114' - 6326'		49	Producing
C) Drinkard	6470'		6500' - 6670'		67	Producing
D)						

## 26. Perforation Record

## 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5660' - 5832'	Acidize with 3000 gals 15% HCl. Frac with 36K gals gel & 82K # 20/40 sand.
6114' - 6326'	Acidize with 3000 gals 15% HCl. Frac with 36K gals gel & 82K # 20/40 sand.
6500' - 6670'	Acidize with 3000 gals 15% HCl. Frac with 39K gals gel & 62K # 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	Production Method
3/23/07	3/29/07	24	→	40	109	27	37.5		Pumping
Choice Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→				2725	Producing	

## 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

MAY 3

FREDERICK WRIGHT  
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	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.)

Sold

## 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	1284'				
Yates	2653'				
Seven Rivers	2869'				
Queen	3440'				
Grayburg	3757'				
San Andres	4011'				
Glorieta	5199'				
Blinberry	5652'				
Tubb	6131'				
Drinkard	6470'				
Abo	6727'				

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

BLINEBRY 5660-66, 86-90, 5730-36, 5746-50, 5806-10, 5828-32 2 JSPF

TUBB 6114-18, 42-48, 6238-42, 54-58, 6322-26 2 JSPF

DRINKARD 6500-04, 58-62, 78-82, 94-98, 6622-28, 44-48, 66-70 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) Sophie MackayTitle Engineering Tech

Signature

Sophie MackayDate 04/03/2007

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.