

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG **OCD-HOBBS**

Lease Serial No.
NMNM-90161

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

2. Name of Operator
Apache Corporation

8. Lease Name and Well No.

HAWK B-1 66

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

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

9. API Well No.

30-025-38521

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

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

11. Sec., T., R., M., on Block and
Survey or Area Sec 8, T21S, R37E

12. County or Parish
Lea 13. State
New Mexico

17. Elevations (DF, RKB, RT, GL)*

3522' GL

14. Date Spudded

10/27/2006

15. Date T.D. Reached

11/05/2006

16. Date Completed

☐ D & A ☒ Ready to Prod.
11/22/2006

18. Total Depth: MD 6975'
TVD

19. Plug Back T.D.: MD 6928'
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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8"	24#	0'	1275'		600 Class C	191	0' circ	
7-7/8"	5-1/5"	17#	0'	6975'		1250 Class C	461	700' 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"	6870'							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blinebry	5717'		5663' - 5998'		45	Producing
B) Tubb	6203'		6203' - 6386'		45	Producing
C) Drinkard	6536'		6687' - 6790'		45	Producing
D)						

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

Depth Interval	Amount and Type of Material
5663' - 5998'	Acidize with 3000 gals 15% HCl. Frac with 36K gals gel & 82K # 20/40 sand.
6203' - 6386'	Acidize with 3000 gals 15% HCl. Frac with 36K gals gel & 82K # 20/40 sand.
6687' - 6790'	Acidize with 3000 gals 15% HCl. Frac with 37K gals gel & 48K # 20/40 sand.

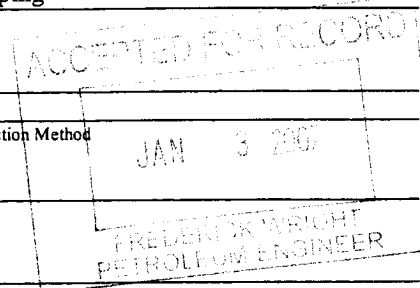
28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/22/06	12/11/06	24	→	26	100	60	37.9		Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→				3846	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)



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	1319'				
Yates	2735'				
Seven Rivers	2949'				
Queen	3502'				
Grayburg	3793'				
San Andres	4058'				
Glorieta	5244'				
Blinbry	5717'				
Tubb	6203'				
Drinkard	6536'				
Abo	6800'				

32. Additional remarks (include plugging procedure):

BLINEBRY 5663-67, 5719-23, 5806-10, 91-95, 5994-98 2 JSPF
 TUBB 6203-07, 71-75, 6324-28, 50-54, 82-86 2 JSPF
 DRINKARD 6687-91, 6716-20, 52-56, 71-75, 86-90 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 Mackay Title Engineering Tech

Signature *Sophie Mackay* Date 12/28/2006

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.