

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

5. Lease Serial No.  
NMNM-90161

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

8. Lease Name and Well No.  
HAWK B-1 46

9. API Well No.  
30-025-37442 37742

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

17. Elevations (DF, RKB, RT, GL)\*  
3517'

1a. Type of Well  Oil Well  Gas Well  Dry  Other

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

2. Name of Operator  
Apache Corporation

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

3.a Phone No. (Include area code)  
(918)491-5362

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At Surface 1475' FSL & 80' FEL (NE1/4 SE1/4), Unit I, Sec 8, T21S, R37E  
At top prod. interval reported below  
At total depth

14. Date Spudded  
07/23/2006

15. Date T.D. Reached  
08/05/2006

16. Date Completed  
 D & A  Ready to Prod.  
09/06/2006

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, DSN/SD

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'	1330'		550 C	165	0' circ	
7-7/8"	5-1/2"	17#	0'	6950'		1100 C	406	195' 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"	6811'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blinebry	5710'		5657 - 5876'		36	Producing
B) Tubb	6206'		6181 - 6406'		45	Producing
C) Drinkard	6532'		6649 - 6756'		54	Producing
D)						

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

Depth Interval	Amount and Type of Material
5657 - 5876'	Acidize with 2000 gals 15% HCl. Frac with 36k gals gel + 82k# 20/40 sand.
6181 - 6406'	Acidize with 2000 gals 15% HCl. Frac with 36k gals gel + 82k# 20/40 sand.
6649 - 6756'	Acidize with 2000 gals 15% HCl. Frac with 37k gals gel + 54k# 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
9/6/06	9/10/06	24	→	50	298	141	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	
			→				5960	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

SEP 19 2006

WESLEY W. INGRAM  
PETROLEUM 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	1306'					
Yates	2720'					
Seven Rivers	2937'					
Queen	3492'					
Grayburg	3778'					
San Andres	4047'					
Glorieta	5231'					
Blinebry	5710'					
Tubb	6206'					
Drinkard	6532'					
Abo	6808'					

32. Additional remarks (include plugging procedure):

Perf Detail:


BLINEBRY 5657-61, 5757-61, 5804-08 & 5872-76' 2 JSPF  
 TUBB 6181-85, 6230-34, 84-88, 6327-31 & 6402-06' 2 JSPF  
 DRINKARD 6649-53, 74-80, 96-98, 6710-14, 41-45 & 6752-56' 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 Linton Title Engineering Technician

Signature  Date 09/14/2006

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.