

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
1625 N. Fr. h Dr.
Hobbs, NM 88240

PERMIT IN PUBLIC
(See other instructions
on reverse side)

FOR APPROVED OMB NO. 1004-0137 Expires:
December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

NM-90161

6. IF INDIAN, ALLOTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Hawk B-1 # 7

9. API WELL NO.

30-025-06439

10. FIELD AND POOL, OR WILDCAT

Blincy (06680) Tubb (86440) Drinkard (19190)

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 9, T-21S, R-37E

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other

b. TYPE OF COMPLETION:

☐ New Well ☐ Workover ☐ Deepen ☐ Plug Back ☐ Diff. Reservoir ☒ Other

2. NAME OF OPERATOR

Apache Corporation

3. ADDRESS AND TELEPHONE NO.

2000 Post Oak Blvd, Ste. 100, Houston, Texas 77056-4400 / 713-296-6000

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

660' FSL & 660' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DHC-2461

DATE ISSUED

9/21/99

12. COUNTY OR
PARISH

Lea

13. STATE

NM

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

11/29/99

18. ELEVATIONS (DF, RKB, RT, GR, ETC.) *

3471'

GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6750

21. PLUG, BACK T.D., MD & TVD

6750

22. IF MULTIPLE COMPL.
HOW MANY *

23. INTERVALS
DRILLED BY
→

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD): *

Blincy 5634 - 5918

Tubb 6104 - 6328

Drinkard 6600 - 6750

25. WAS DIRECTIONAL
SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8	48#	232	17	200 sx / Circulate to Surface	
9-5/8	36#	2779	12-1/4	500 sx / TOC @ 1720' (Temp Svy)	
7	23#	6723	8-3/4	800 sx / TOC @ 2750' (Temp Svy)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)	30. TUBING RECORD
					SIZE
					DEPTH SET (MD)
					PACKER SET (MD)
					2-7/8
					6686

31. PERFORATION RECORD (Interval, size and number)

Blincy 5634-46, 51-58, 66-76, 80-5702, 18-24, 28-40, 60-62, 66-70, 82-92,
5802-06, 10-30, 36-46, 74-82, 94-5908, 12-18 - 4" - 294 Holes

Tubb 6104-24, 44-50, 96-6224, 34-38, 49-63, 68-74, 94-6328 - 4" - 224 Holes

Drinkard 6492, 6518, 6525, 6527, 6533, 6536, 6542, 6547, 6554, 6585, 6612,
6712, 6718 - 4" - 28 Holes - Open Hole 6723 - 6750

32.

DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED
5634 - 5918	Acidize w / 7000 gals 15% HCL
	Frac w / 38500 gals gel & 80000# 16/30 sand
6104 - 6328	Acidize w / 5350 gals 15% HCL
	Frac w / 14250 gals gel & 60180# 16/30 sand

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift,pumping - size and type of pump)					WELL STATUS (Producing or shut-in)	
DHC Effective 12/01/99		Pumping - 1.5" Rod Insert					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL.		GAS-OIL RATIO
1/29/00	24		→	17	245	19		14411
FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	Oil - Bbl.	Gas - MCF	Water - Bbl.		Oil Gravity - API - (Corr.)	
		→					38.5	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

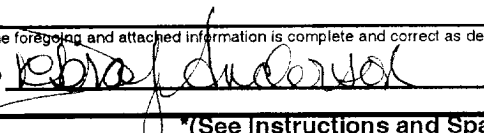
Test Witnessed By

Apache Corporation

35. LIST ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED



TITLE

Sr. Engineering Technician

DATE

2/16/00

(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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38.	37. SUMMARY OF POROUS ZONES: (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): FORMATION	GEOLOGIC MARKERS			
		TOP		MEAS. DEPTH	
		NAME		TRUE VERT. DEPTH	

RECEIVED
 2000 FEB 22 A 9:45
 BUREAU OF LAND MANAGEMENT
 ROSWELL OFFICE

