

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-1037
Expires: November 30, 2000

5. Lease Serial No.
NM-2512

1a. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other

b. Type of Completion: ☐ New Well ☐ Workover ☐ Deepen ☐ Plug Back ☒ Diff. Resvr.
☒ Other Re-Entry of P&A'd Wellbore

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
Hawk B-3 # 9

2. Name of Operator
Apache Corporation

3. Address
2000 Post Oak Blvd, Ste. 100, Houston, Texas 77056-4400

3a. Phone No. (include area code)
713-296-6000

9. API Well No.
30-025-06501

10. Field and Pool, or Exploratory
Penrose Skelly; Grayburg

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **1650' FSL & 1650' FEL, Unit R**

At top prod. interval reported below

At total depth

11. Sec., T., R., M., or Block and Survey or Area
Sec. 3, T-21S, R-37E

12. County or Parish
Lea

13. State
NM

14. Date Spudded
07/25/01

15. Date T.D. Reached
07/30/01

16. Date Completed
☐ D & A ☐ Ready to Produce
08/07/01

17. Elevations (DF, RKB, RT, GL) *
3423' GL

18. Total Depth: MD **8070'** TVD **8070'**

19. Plug Back T.D.: MD **5583'** TVD **5583'**

20. Depth Bridge Plug Set: MD **MD** TVD **TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GR-CNL / Cement Bond Log

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
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
13-3/4	10-3/4	32#	0	266		250	N/A	Surface	
8-3/4	7-5/8	26#	0	3154		1335	N/A	Surface	
6-3/4	5-1/2	15.5#	0	8069		680	N/A	3142' (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	4043							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
Grayburg			3884 - 4004	4"	306	Producing
Tubb (Abandoned)			6220 - 6345	N/A	N/A	P&A
Ellenburger (Abandoned)			7948 - 8038	N/A	N/A	P&A

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

Depth Interval	Amount and Type of Material
310 - 325	Cement squeezed w/ 50 sx Class "C"
3884 - 4004	Acidize w/ 4500 gals 15% HCL / Frac w/ 26500 gals gel & 50240# 16/30 sand
6220 - 6345	Cement squeezed w/ 60 sx - CICR @ 6160' w/ 12 sx cement - Cement plug 5583 - 5784 w/ 23 sx
7948 - 8038	CIBP @ 7515' w/ 3 sx cement

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
8/7/01	8/23/2001	24	→	109	132	142	34		Pumping
Choke Size	Tubing Pressure Flwg. SI	Casing Pressure	24 Hour Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→				1211		Producing

28a. 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	Tubing Pressure Flwg. SI	Casing Pressure	24 Hour Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

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	Tubing Pressure Flwg. SI	Casing Pressure	24 Hour 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	Tubing Pressure Flwg. SI	Casing Pressure	24 Hour 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 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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, Etc.	Name	Top Measured Depth

32. Additional remarks (include plugging procedure):

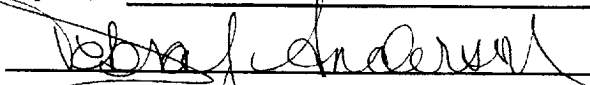
33. Mark enclosed attachments:

☒ Electrical/Mechanical Logs (1 full set req'd.)☐ Geologic Report☐ DST Report☐ Directional Survey☒ Sundry Notice / Plugging / Cement Verification☐ Core Analysis☒ Other NM-C104 / Cement Bond Log

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) Debra J. AndersonTitle Sr. Engineering Technician

Signature

Date 8/24/2001

Title 18 U.S.C. Section 1001 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 any false, fictitious fraudulent statements or representations as to any matter within its jurisdiction.