

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-90161

1a. Type of Well:
☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
 b. Type of Completion:
☒ New Well ☐ Workover ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
☐ Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
Hawk B-1 #23

9. API Well No.
30-025-35879

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

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

12. County or Parish
Lea Co.

13. State
NM

2. Name of Operator
Apache Corporation

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

3a. Phone No. (include area code)
918-491-4957

4. Location of Well (Report location clearly and in accordance with Federal requirements):
 At surface **650' FNL, 2160' FWL, Unit C (NE/4, NW/4)**
 At top prod. interval reported below
 At total depth

14. Date Spudded **5/23/02**

15. Date T.D. Reached **05/27/02**

16. Date Completed
☐ D & A ☒ Ready to Produce
06/11/02

17. Elevations (DF, RKB, RT, GL) *
3487' GL

18. Total Depth: MD **4200'** TVD

19. Plug Back T.D.: MD **4141'** TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GR/CNL/CCL

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4	8-5/8	24#	0	405		350	84	Ci to surf	
7-7/8	5-1/2	17#	0	4200		1050	335	Ci to surf	

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	4090								

25. Producing Intervals				26. Perforation Record			
Formation	Top	Bottom		Perforated Interval	Size	No. Holes	Perf Status
Grayburg	3750			3761-4006	4"	236	Producing

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.		Amount and Type of Material
Depth Interval		
3761-4006'		Acidized w/ 5.914 gals 15% HCL
		Frac w/ 40992 gals gel & 80.000# 16/30 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
06/05/02	6/29/2002	24	→	71	274	223	38.8		Pumping
Choke Size	Tubing Pressure Flwg. SI	Casing Pressure	24 Hour Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→				3859		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):	31. Formation (Log) Markers
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	Top	Bottom	Descriptions, Contents, Etc.	Name	Top Measured Depth
				Rustler	1300
				Yates	2652
				Seven Rivers	2900
				Queen	3466
				Grayburg	3750
				San Andres	4053

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 Deviation Rpt/NM-OCD C-104

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) Kara Coday Title Sr. Engineering Tech

Signature Kara Coday Date 7/2/2002

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.