

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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

2. Name of Operator
Apache Corporation3. Address
6120 S Yale Ave, Suite 1500 Tulsa OK 74136-42243.a Phone No. (Include area code)
(918)491-4864

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

At Surface 2630' FNL & 1330' FEL (SW1/4 NE1/4), Unit G, Sec 8, T21S, R37E

At top prod. interval reported below

At total depth

14. Date Spudded
03/17/200715. Date T.D. Reached
03/25/200716. Date Completed
☐ D & A ☒ Ready to Prod.
04/30/20075. Lease Serial No.
NMLC-031741-A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

8. Lease Name and Well No.

HAWK A 31

9. API Well No.
30-025-3819510. Field and Pool, or Exploratory
Eunice; Blinebry-Tubb-Drinkard, N11. Sec., T., R., M., on Block and
Survey or Area Sec 8, T21S, R37E12. County or Parish
Lea 13. State
New Mexico17. Elevations (DF, RKB, RT, GL)*
3523' GL18. Total Depth: MD 7005'
TVD19. Plug Back T.D.: MD 6953'
TVD20. Depth Bridge Plug Set: MD
TVD21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
DLL/MG, SD/DSN22. 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'	1307'		575 Class C	173	0' circ	
7-7/8"	5-1/5"	17#	0'	7005'		1250 Class C	462	100' 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"	6899'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blinebry	5735'		5740' - 6086'		58	Producing
B) Tubb	6220'		6292' - 6388'		40	Producing
C) Drinkard	6541'		6644' - 6773'		54	Producing
D)						

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

Depth Interval	Amount and Type of Material
5740' - 6086'	Acidize with 3000 gals 15% NEFE. Frac with 40K gals gel & 82K # 20/40 sand.
6292' - 6388'	Acidize with 3000 gals 15% NEFE. Frac with 40K gals gel & 82K # 20/40 sand.
6644' - 6773'	Acidize with 3000 gals 15% NEFE. Frac with 40K gals gel & 56K # 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
4/30/07	5/09/07	24	→	78	149	113	37.5		Pumping
Choice Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→				1910	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	
			→						

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	1317				
Yates	2725				
Seven Rivers	2940				
Queen	3488				
Grayburg	3759				
San Andres	4062				
Glorieta	5251				
Blinberry	5735				
Tubb	6220				
Drinkard	6541				
Abo	6819				

32. Additional remarks (include plugging procedure):

BLINEBRY 5740-46, 5840-44, 83-87, 5917-21, 6014-18, 82-86 2 JSPF

TUBB 6292-96, 6333-37, 44-50, 84-88 2 JSPF

DRINKARD 6644-48, 64-68, 6698-6702, 6714-18, 30-34, 69-73 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 TechSignature *Sophie Mackay* Date 05/15/2007

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.