

UNITED STATES ^{New Mexico} Oil Conservation Division, District I
DEPARTMENT OF THE INTERIOR 1625 N. French Drive
BUREAU OF LAND MANAGEMENT Hobbs, NM 88240FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. NMNM-90161
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv. Other _____		6. If Indian, Allottee or Tribe Name
2. Name of Operator Apache Corporation		7. Unit or CA Agreement Name and no.
3. Address 6120 South Yale, Suite 1500 Tulsa OK 74136-4224		8. Lease Name and Well No. HAWK B-1 42
3.a Phone No. (Include area code) (918)491-5362		9. API Well No. 30-025-37020
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 1365' FSL & 1420' FEL (NW1/4SE1/4), Unit J, Sec 8, T21S, R37E At top prod. interval reported below At total depth		10. Field and Pool, or Exploratory Blinebry, Drinkard, Tubb
14. Date Spudded 06/10/2005		11. Sec., T., R., M., on Block and Survey or Area Sec 8, T21S, R37E
15. Date T.D. Reached 06/24/2005		12. County or Parish Lea
16. Date Completed ☐ D & A ☒ Ready to Prod. 08/30/2005		13. State New Mexico
18. Total Depth: MD 7383' TVD		17. Elevations (DF, RKB, RT, GL)* 3517' GL
19. Plug Back T.D.: MD 7337' TVD		
20. Depth Bridge Plug Set: MD 6900' TVD		
21. Type of Electric & Other Mechanical Logs Run (Submit copy of each) DLL/MG, SD/DSN		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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8"	24#	0'	1420'		650 sx	199	0' circ	
7-7/8"	5-1/2"	17#	0'	7383'		1300 sx	473	2223' 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"	6780'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blinebry	5726'		5678 - 6010'		45	Producing
B) Tubb	6215'		6191 - 6349'		38	Producing
C) Drinkard	6548'		6674 - 6758'		45	Producing
D) Abo	6814'		6924 - 7256'		221	TA

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

Depth Interval	Amount and Type of Material
5678 - 6010'	2000 gals 15% DXBX HCl - 40k gals gel + 82k# 20/40 sand
6191 - 6349'	2000 gals 15% DXBX HCl - 39k gals gel + 82k# 20/40 sand
6674 - 6758'	2000 gals 15% DXBX HCl - 32k gals gel + 60k# 20/40 sand
6924 - 7256'	Acidize with 10,000 gals 15% DXBX Antisludge

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
8/30/05	9/14/05	24	→	26	111	42	40.0		Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD

FEB - 8 2006

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PETROLEUM ENGINEER

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
10/12/05	10/18/05	24	→	12	480	36	40.0		Pumping
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)

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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
12/8/05	12/15/05	24	→	0	0	0			Pumping
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.)

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	1304'				
Yates	2709'				
Queen	3465'				
Grayburg	3749'				
San Andres	4029'				
Glorieta	5242'				
Blinberry	5726'				
Tubb	6215'				
Drinkard	6548'				
Abo	6814'				

32. Additional remarks (include plugging procedure):

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 LintonTitle Engineering TechnicianSignature Elaine LintonDate 01/25/2006

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.