

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMLC-031741-A	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., 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 S Yale Ave, Suite 1500 Tulsa OK 74136-4224		8. Lease Name and Well No. HAWK A-4 #4	
3.a Phone No. (Include area code) (918)491-4864		9. API Well No. 30-025-38127	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 1650' FSL & 990' FWL (NW1/4 SW1/4), Unit L, Sec 4, T21S, R37E At top prod. interval reported below At total depth		10. Field and Pool, or Exploratory Eunice, Blinebry-Tubb-Drinkard, N	
14. Date Spudded 11/08/2006		11. Sec., T., R., M., on Block and Survey or Area Sec 4, T21S, R37E	
15. Date T.D. Reached 11/19/2006		12. County or Parish Lea	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 02/13/2007		13. State New Mexico	
18. Total Depth: MD 7050' TVD		17. Elevations (DF, RKB, RT, GL)* 3480' GL	
19. Plug Back T.D.: MD 7003' TVD		20. Depth Bridge Plug Set: MD TVD	
21. Type of Electric & Other Mechanical Logs Run (Submit copy of each) DLL/MG, SD/DSN		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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'	1288'		600 Class C	191	0' Circ	
7-7/8"	5-1/5"	17#	0'	7050'		1350 Class C	485	404' 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"	6910'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blinebry	5768'		5734' - 6045'		54	Producing
B) Tubb	6252'		6252' - 6499'		54	Producing
C) Drinkard	6597'		6632' - 6845'		32	Producing
D)						

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

Depth Interval	Amount and Type of Material
5734' - 6045'	Acidize with 3000 gals 15% HCl. Frac with 36K gals gel & 82K # 20/40 sand.
6252' - 6499'	Acidize with 3000 gals 15% HCl. Frac with 36K gals gel & 82K # 20/40 sand.
6632' - 6845'	Acidize with 3000 gals 15% HCl. Frac with 39K gals gel & 62K # 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
2/13/07	3/10/07	24	→	47	241	125	37.7		Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→				5128	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	
			→						

(See Instructions and spaces for additional data on page 2)

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	1306'				
Yates	2707'				
Seven Rivers	2923'				
Queen	3492'				
Grayburg	3800'				
San Andres	4069'				
Glorieta	5283'				
Blaine	5768'				
Marker	6252'				
Tubb	6597'				
Drinkard					

32. Additional remarks (include plugging procedure):

Blaine 5734-38, 5832-36, 86-90, 5924-28, 94-98, 6041-45 w/ 2 JSPF
 Tubb 6252-56, 6316-20, 60-64, 6400-04, 32-36, 95-99 w/ 2 JSPF
 Drinkard 6632-34, 6725-29, 77-81, 6841-45 w/ 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 Tech

Signature *Sophie Mackay* Date 03/12/2007

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.