

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 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 _____			5. Lease Serial No. <b>NMLC-031741(A)</b>		
2. Name of Operator <b>Apache Corporation</b>			6. If Indian, Allottee or Tribe Name  7. Unit or CA Agreement Name and no.		
3. Address <b>6120 S Yale Ave, Suite 1500 Tulsa OK 74136-4224</b>		3.a Phone No. (Include area code) <b>(918)491-4864</b>		8. Lease Name and Well No. <b>HAWK A 20</b>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  <b>At Surface 1510' FNL &amp; 1370' FEL (SW1/4 NE1/4), Unit G, Sec 8, T21S, R37E</b>  <b>At top prod. interval reported below</b>  <b>At total depth</b>				9. API Well No. <b>30-025-38021</b>	
14. Date Spudded <b>09/18/2006</b>				15. Date T.D. Reached <b>09/23/2006</b>	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. <b>10/24/2006</b>				10. Field and Pool, or Exploratory <b>Penrose Skelly; Grayburg</b>	
17. Elevations (DF, RKB, RT, GL)* <b>3522' GL</b>				11. Sec., T., R., M., on Block and Survey or Area <b>Sec 8, T21S, R37E</b>	
18. Total Depth: MD 4403' TVD				12. County or Parish <b>Lea</b>	
19. Plug Back T.D.: MD 4358' TVD				13. State <b>New Mexico</b>	
20. Depth Bridge Plug Set: MD TVD				21. Type of Electric & Other Mechanical Logs Run (Submit copy of each) <b>DLL/MG, SD/DSN</b>	
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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
11"	8-5/8"	24#	0'	424'		300 Class C	72	0' circ	
7-7/8"	5-1/5"	17#	0'	4403'		800 Class C	287	188' 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"	4226'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Grayburg	3789'		3908' - 4055'		50	Producing
B)						
C)						
D)						

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Grayburg	3789'		3908' - 4055'		50	Producing
B)						
C)						
D)						

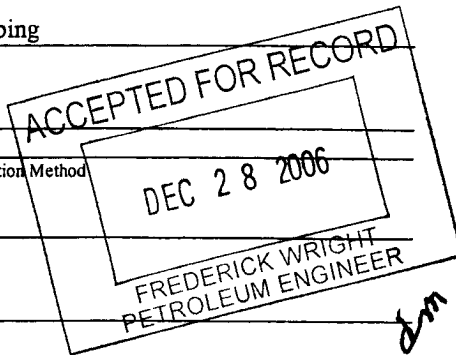
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
3908' - 4055'	Acidize with 2000 gals 15% NEFE. Frac with 49K gals gel & 104K # 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
10/24/06	11/11/06	24	→	53	150	149	36.6		Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→				2,830	Producing	

(See Instructions and pages 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	1321'				
Yates	2736'				
Seven Rivers	2951'				
Queen	3505'				
Grayburg	3789'				
San Andres	4066'				

32. Additional remarks (include plugging procedure):

GRAYBURG 3908-12, 49-53, 84-88, 4017-21, 51-55 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 12/27/2006

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.