Form 3160-4
(April 2004)

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

5. Lease Serial No. NMNM-90161

1a. Type of Well [X] Oil Well [ ] Gas Well [ ] Dry [ ] Other
b. Type of Completion [X] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff. Resvr,.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

2. Name of Operator
Apache Corporation

8. Lease Name and Well No.
HAWK B-1 52

3. Address
6120 South Yale, Suite 1500 Tulsa OK 74136-4224

3.a Phone No. *(Include area code)*
(918)491-5362

9. API Well No.
30-025-37998

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

At Surface 1150' FSL & 330' FEL (SE1/4 SE1/4), Unit P, Sec 9, T21S, R37E

At top prod. interval reported below

At total depth

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

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

12. County or Parish Lea

13. State New Mexico

14. Date Spudded	15. Date T.D. Reached	16. Date Completed [ ] D & A [X] Ready to Prod.	17. Elevations (DF, RKB, RT, GL)*
08/28/2006	09/02/2006	09/26/2006	3471'

18. Total Depth: MD 4358' TVD	19. Plug Back T.D.: MD 4311' 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? [X] No [ ] Yes (Submit analysis)
Was DST run? [X] No [ ] Yes (Submit analysis)
Directional Survey? [X] 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
11"	8-5/8"	24#	0'	395'		300' C	72	0' circ	
7-7/8"	5-1/2"	17#	0'	4358'		750' C	265	140' CBL	

Received
NOV 2006
Hobbs OCD

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"	4122'							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Grayburg	3745'		3806 - 3985'		45	Producing
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3806 - 3985'	Acidize with 2000 gals 15% HCl. Frac with 37.5k gals gel + 65k# 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
9/26/06	10/5/06	24	→	73	473	96	38.8		Pumping

Choice Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status
			→				6479	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
			→					

ACCEPTED FOR RECORD
NOV 2 [illegible]
WESLEY W. INGRAM
PETROLEUM ENGINEER

(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 porsity and contents thereof: Cored intervals and all drill-stem tests, inlcuding 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	1284'				
Yates	2644'				
Seven Rivers	2862'				
Queen	3434'				
Grayburg	3745'				
San Andres	3993'				

32. Additional remarks (include plugging procedure):

Perf Detail:

GRAYBURG 3806-10, 3857-61, 3900-04, 3931-35 & 3981-85' 2 JSPF

33. Indicate which itmes 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 Linton Title Engineering Technician

Signature Elaine Linton Date 10/24/2006

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 fradulent statements or representations as to any matter within its jurisdiction.