

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

FORM APPROVED
OMB NO. 1004-1037
Expires: November 30, 2000

1a. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name							
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Workover <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. <input type="checkbox"/> Other		7. Unit or CA Agreement Name and No.							
2. Name of Operator Apache Corporation		8. Lease Name and Well No. Hawk B-1 #40							
3. Address 6120 S. Yale, Suite 1500, Tulsa, OK 74136		9. API Well No. 30-025-36533 0051							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1310' FSL, 1280' FWL, Unit M (SW/4, SW/4) At top prod. interval reported below At total depth		10. Field and Pool, or Exploratory Hare, San Andres, Northwest (96835)							
14. Date Spudded 2/11/2004		15. Date T.D. Reached 2/18/2004							
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Produce 03/05/04		17. Elevations (DF, RKB, RT, GL) * 3510' GL							
18. Total Depth: MD 4775' TVD		19. Plug Back T.D.: MD 4734' TVD							
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CSL, DSN-SDL							
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 report) 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
12-1/4	8-5/8	24#	0	400		350	84	Ci to surf	
7-7/8	5-1/2	17#	0	4775		1000	92	Ci to surf	
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	4295'								
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status			
Hare, San Andres, NW	4150		4150-4228	4"	8219	Producing			
26. Perforation Record									
Depth Interval	Amount and Type of Material								
4220-28	Acidize w/ 1000 gals HCL								
4200-14	Acidize w/ 1000 gals HCL								
4180-94	Acidize w/ 1000 gals HCL								
4150-58	Acidize w/ 1000 gals HCL								
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
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
3/5/04	3/24/2004	24	→	11	305	277	38.8		Pumping
Choke Size	Tubing Pressure Flwg. SI	Casing Pressure	24 Hour Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→				27727	Producing	
28a. 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	Tubing Pressure Flwg. SI	Casing Pressure	24 Hour Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

DAVID R. GLASS
PETROLEUM ENGINEER

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	Tubing Pressure Flwg. SI	Casing Pressure	24 Hour 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	Tubing Pressure Flwg. SI	Casing Pressure	24 Hour Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of 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 Measured Depth
				Rustler	1308
				Yates	2701
				Seven Rivers	2928
				Queen	3484
				Grayburg	3783
				San Andres	4024

32. Additional remarks (include plugging procedure):

33. Mark enclosed attachments:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey

☐ Sundry Notice / Plugging / Cement Verification
 ☐ Core Analysis
 ☒ Other Deviation Rpt/NM-OCD C-104

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) Kara CodayTitle Sr. Engineering TechSignature Kara CodayDate 3/29/2004