

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other <u>WELLS</u>		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <u>ELC 13 1977</u>
2. NAME OF OPERATOR Amerada Hess Corporation							
3. ADDRESS OF OPERATOR Drawer D, Monument, New Mexico 88265							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 890' FNL & 1750' FEL At top prod. interval reported below At total depth							
14. PERMIT NO. Verbal				DATE ISSUED 7-15-77		5. LEASE DESIGNATION AND SERIAL NO. Jic. Contract #13	
15. DATE SPUDDED 7-22-77				16. DATE T.D. REACHED 8-8-77		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
17. DATE COMPL. (Ready to prod.) 9-13-77				18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6680' GL		7. UNIT AGREEMENT NAME	
20. TOTAL DEPTH, MD & TVD 6900'				21. PLUG, BACK T.D., MD & TVD 6791' PBD.		8. FARM OR LEASE NAME J. Apache "C"	
22. IF MULTIPLE COMPL., HOW MANY*				23. INTERVALS DRILLED BY →		9. WELL NO. 2	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6692' to 6728' - Dakota				ROTARY TOOLS 0-6900		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
25. WAS DIRECTIONAL SURVEY MADE Yes				12. COUNTY OR PARISH Rio Arriba		13. STATE New Mexico	
26. TYPE ELECTRIC AND OTHER LOGS RUN IEL w/SP, CNL, CDL w/GR & Caliper				19. ELEV. CASINGHEAD		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 27, T24N, R5W	
27. WAS WELL CORED No				28. CASING RECORD (Report all strings set in well)		12. COUNTY OR PARISH Rio Arriba	
CASING SIZE		WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	
9-5/8"	32.3#	365'	15"	350 sks.		None	
5-1/2"	15.5#	6899'	7-7/8"	1050 sks.		None	
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1-1/2" IJ	6682'	---
31. PERFORATION RECORD (Interval, size and number) 6692' to 6728' w/2 SPF				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				6692' - 6728'		1762 bbls. KCl water & 80,000# sand using ball sealers	
33.* PRODUCTION							
DATE FIRST PRODUCTION 9-1-77		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Closed in	
DATE OF TEST 9-12-77	HOURS TESTED 3	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 1/2	GAS—MCF. 170.7	WATER—BBL. trace	GAS-OIL RATIO 113,800
FLOW. TUBING PRESS. 375#	CASING PRESSURE 995#	CALCULATED 24-HOUR RATE →	OIL—BBL. 12	GAS—MCF. 1365.6	WATER—BBL. trace	OIL GRAVITY-API (CORR.) 53.0	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented gas during test. CI pending gas sales connection						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS Logs, inclination report							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>E. S. Prines</u>		TITLE <u>Supv. Adm. Ser.</u>		DATE <u>11-4-77</u>			

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on Items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see Item 33.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in Item 22, and in Item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s), (if any) for only the interval reported in Item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Necks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for Items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: 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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			<p>NOTE: Do not plan on completing in Pictured Cliffs zone at present time.</p> <p>12-6-77 - Well complete. Closed in pending negotiations for gas purchaser.</p>	<p>Pictured Cliffs</p> <p>Chacra</p> <p>Gallup</p> <p>Greenhorn</p> <p>Upper Dakota</p>	<p>2324'</p> <p>3135'</p> <p>5550'</p> <p>6464'</p> <p>6668'</p>	