

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐				5. LEASE DESIGNATION AND SERIAL NO. Lease contract #149	
1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2. NAME OF OPERATOR Amerada Hess Corporation				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Drawer D, Monument, New Mexico 88265				8. FARM OR LEASE NAME J. Apache "F"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1590' FSL & 1180' FWL At top prod. interval reported below At total depth As above				9. WELL NO. 13	
14. PERMIT NO. DATE ISSUED				10. FIELD AND POOL, OR WILDCAT Basin Otero: Dakota & Chacra	
15. DATE SPUDDED 8-24-76				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 18, T25N, R5W	
16. DATE T.D. REACHED 9-13-76				12. COUNTY OR PARISH Rio Arriba	
17. DATE COMPL. (Ready to prod.) 1-8-77				13. STATE New Mexico	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6501' GR				19. ELEV. CASINGHEAD - -	
20. TOTAL DEPTH, MD & TVD 7180'		21. PLUG BACK T.D., MD & TVD 7075' DOD.		22. IF MULTIPLE COMPLES HOW MANY* Two	
23. INTERVALS DRILLED BY 0-7180'				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota: 6908' to 6918' & fr. 6940' to 6955'	
25. TYPE ELECTRIC AND OTHER LOGS RUN Dual induction laterolog w/SP & GR, compensated formation density log				26. WAS DIRECTIONAL SURVEY MADE Totao only	
27. WAS WELL CORED No				28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
9-5/8"		32.3#		355'	
5-1/2"		15.5# & 17#		7178'	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
13-3/4"		350 sks.		None	
8-3/4"		1800 sks. in 3 stages		None	
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2"	6872'	6810'			
31. PERFORATION RECORD (Interval, size and number) Dakota: From 6908' to 6918' & fr. 6940' to 6955', total of 50 shots					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
6908' - 6955'			Frac w/2350 bbls. KCl water & 50,000# sand		
33.* PRODUCTION					
DATE FIRST PRODUCTION 1-8-77		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flow			WELL STATUS (Producing or shut-in) Closed in pending gas
DATE OF TEST 3-10-77	HOURS TESTED 3 hrs.	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 1/2	GAS—MCF. 645
				WATER—BBL. 1/4	GAS-OIL RATIO 12900
FLOW, TUBING PRESS. 2025	CASING PRESSURE -	CALCULATED 24-HOUR RATE →	OIL—BBL. 12	GAS—MCF. AOF 1562	WATER—BBL. 4
					OIL GRAVITY-API (CORR.) 58.9
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented 26 MCF for testing purposes only.					TEST WITNESSED BY
35. LIST OF ATTACHMENTS Logs and 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.B. Fisher</u>		TITLE <u>Supv. Adm. Ser</u>		DATE <u>4-14-77</u>	

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

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 35.

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: 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.)

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