

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 ☐ GAS WELL ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG-BACK ☐ DIFF. DESVR. ☐ Other _____

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 1590' FSL & 1180' FWL

At top prod. interval reported below

At total depth As above

14. PERMIT NO.

DATE ISSUED

APR 2 11977
OIL CON. COM.
DIST. 3

5. LEASE DESIGNATION AND SERIAL NO.

Lease contract #149

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

J. Apache "F"

9. WELL NO.

13

10. FIELD AND POOL, OR WILDCAT

Basin: Dakota & Chacra

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 18, T25N, R5W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUDDED

8-24-76

16. DATE T.D. REACHED

9-13-76

17. DATE COMPL. (Ready to prod.)

1-10-77

18. ELEVATIONS (DF, RKB, ET, 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 COMPL., HOW MANY*

Two

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-7180'

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Chacra: 3434' to 3454' & 3536' to 3550'

25. WAS DIRECTIONAL SURVEY MADE

Totco only

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual induction laterolog w/SP & GR, compensated formation density log

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	32.3#	355'	13-3/4"	350 sks.	None
5-1/2"	15.5# & 17#	7178'	8-3/4"	1800 sks. in 3 stages	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2"	6872'	6810'

31. PERFORATION RECORD (Interval, size and number)

Chacra: 3434' to 3454' & 3536' to 3550',
total of 68 shots

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3434' - 3550'	Frac w/522 bbls. water, 94,720# sand & 1150 MCF nitrogen

33.*

PRODUCTION

DATE FIRST PRODUCTION

12-5-76

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.

-

GAS—MCF.

585

WATER—BBL.

-

GAS-OIL RATIO

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FLOW, TUBING PRESS.

285

CASING PRESSURE

-

CALCULATED 24-HOUR RATE

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OIL—BBL.

-

GAS—MCF.

585

WATER—BBL.

-

OIL GRAVITY-API (CORR.)

-

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented 73.1 MCF for testing purposes only.

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

E. B. Fisher

TITLE

Supv. Adm. Ser.

DATE

4-14-77

*(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.), formations 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: "Sacks 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:			38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH
			Kirtland -	2150'
			Fruitland	2537'
			Pictured Cliffs	3413'
			Chacra	4220'
			Cliff House	4740'
			Pt. Lookout	4935'
			Mancos	5810'
			Niobrara	5918'
			Gallup	6143'
			L. Gallup	6242'
			Tocito	6380'
			Sanaster	6485'
			L. Mancos	6700'
			Greenhorn	6763'
			Graneros	6905'
			Upper Dakota	6997'
			Lower Dakota	7018'
			Burro Canyon	7100'
			Morrison	