

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in
structions on
reverse side)Form approved.
Budget Bureau No. 42-2355.5.

5. LEASE DESIGNATION AND SERIAL NO.

65

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla 22

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Undesignated Gallup

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

Sec. 15, T25N, R4W

12. COUNTY OR
PARISH

Rio Arriba

13. STATE

New Mexico

19. ELEV. CASINGHEAD

18. ELEVATIONS (DF, RKB, RT, OR, ETC.)*

7086.5 Gr., 7100.5 KB*

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

6-22-69

16. DATE T.D. REACHED

7-10-69

17. DATE COMPL. (Ready to prod.)

7-21-69

20. TOTAL DEPTH, MD & TVD

8100'

21. PLUG, BACK T.D., MD & TVD

8069'

22. IF MULTIPLE COMPL.,
HOW MANY*

2

23. INTERVALS
DRILLED BY

ROTARY TOOLS

0-8100

CABLE TOOLS

25. WAS DIRECTIONAL
SURVEY MADE

No

27. WAS WELL CORED

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES, BHC, FDC Gamma Ray & GR Correlation logs

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24	270'	12 1/4"	210 sacks	
5 1/2	15.5&17	8100	7 7/8	770 sacks (2-stage)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7658'	7658'

31. PERFORATION RECORD (Interval, size and number)

1 shot per foot 6896-6909, 7021-7028,
and 7049-7052

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6896-7052'	Fraced with 40,500# sand and 25,313 gals. water. Flushed with 164 barrels gelled water.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
7-22-69		Flowing - Plunger Lift				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-31-69	24	1"	→	38	75	-	1974
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→	38	75	-	44.9	

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

Sold

TEST WITNESSED BY

W. M. Scott

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.
Original Signed By
J. A. UBBEN

TITLE Administrative Section Chief

DATE 10-14-69

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

USGS(5) CN File

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 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:

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliffs	3400	3455	Sandstone - gas			
Chacra	4403	4445	Sandstone - gas			
Mesaverde	5197	5854	Sandstone - gas			
Gallup	6822	7145	Sandstone & shale - gas & oil			
Dakota	7694	8058	Sandstone & shale - gas & oil			
Core No. 1 - 6819-6846.	Recovered 27'		All shale, no sand.			
Core No. 2 - 6846-6876.	Recovered 30'		18' vertically fractured shale, 12' sand w/laminated shale. Bleeding oil 6864-6876			
Core No. 3 - 6876-6921.	Recovered 43'		7' sand laminated with shale. Bleeding oil from 6877-78. Vertical fractures. 6' black shale with vertical fractures. 23' sand with laminated shale, bleeding oil with vertical fractures. 7' shale with sand, vertical fractures.			
Core No. 4 - 7727-7757.	Recovered 29'		24' shaley sand, gray with slight horizontal & vertical fractures, slight oil stain 7750.			
Core No. 5 - 7906-7929.	Recovered 21'		5' shaley sand light to dark gray. 5' black shale, 8' silt. 2' intermittent bedded sand and shale, no stain or fractures. 6' sand, light gray, fine, no stain or fractures.			