

Form approved.
Budget Bureau No. 42-7355.5.

(see other in-
structions on
reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

Contract No. 439

C. IF INDIAN, ALLOTTEE OR TRIBE NAME

Agaveilla Apache Tribe

7. UNIT AGREEMENT NAME

S. FARM OR LEASE NAME

Jicarilla-Apache

9. WELL NO.

161

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 16-28N-2W

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
PARISH

13. STATE

Rio Arriba New Mexico

16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, REB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
1-26-73	6-30-74	7205' Gr., 7219' RKB	7205'

20. TUB. T.D., MD & TVD 3572' MD	21. PLUG, BACK T.D., MD & TVD 3575' ✓	22. IF MULTIPLE COMPL., HOW MANY* Two	23. INTERVALS DRILLED BY Rotary Tools	ROTARY TOOLS CABLE TOOLS
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24. MEASURING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*		25. WAS DIRECTIONAL SURVEY MADE
3502-3512'; Pictured Cliffs	MD	No
3113-3155'; Dakota	MD	
DAK T.A. w/CIBP		

23. TYPE ELECTRIC AND OTHER LOGS RUN	27. WAS WELL CORED
Induction-Electrical; Comp. Formation Density; Comp. Neutron Fm. Den.	Yes

Casing Record (Report all strings set in well)					
Casing Size	Weight, lb./ft.	Depth Set (MD)	Hole Size	Cementing Record	Amount Pulled
3-5/8"	24	319'	12 1/2"	255 sx type B	None
4-1/2"	11.6	8397'	7-7/8"	112 sx 50-50 poznic plus 25 sx Class A	None

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	3485'	None

3502-3512'; .42" dia; 1 HPF 8118, 8120, 8122, 8136, 8137, 8138, 8141 8143, 8144, 8149, 8151, 8152, and 8155; .42"; 1 HPF	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.										
	<table border="1"> <thead> <tr> <th data-bbox="839 1264 1039 1268">DEPTH INTERVAL (MD)</th> <th data-bbox="1039 1264 1380 1268">AMOUNT AND KIND OF MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td data-bbox="839 1268 1039 1274">3502-3512'</td> <td data-bbox="1039 1268 1380 1274">250 gals-15% Hcl+500 gals M.A.</td> </tr> <tr> <td data-bbox="839 1274 1039 1281"></td> <td data-bbox="1039 1274 1380 1281">Frac 26,000 gals gel Kcl water</td> </tr> <tr> <td data-bbox="839 1281 1039 1285">8118-55'</td> <td data-bbox="1039 1281 1380 1285">Frac 47,550 gals Oil-water gel</td> </tr> <tr> <td data-bbox="839 1285 1039 1291"></td> <td data-bbox="1039 1285 1380 1291">emulsion</td> </tr> </tbody> </table>	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	3502-3512'	250 gals-15% Hcl+500 gals M.A.		Frac 26,000 gals gel Kcl water	8118-55'	Frac 47,550 gals Oil-water gel		emulsion
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PRODUCTION		
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
	Flowing	Shut-in

DATE OF TEST	WELLS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-10-62	33	2"	None	None	59	None	-
3-10-62	4	1/8"	→	None	142	None	-
DATE OF TESTING	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
3-10-62	1600#	→	-	142	-	-	

WATER OR GAS (Sold, used for fuel, vented, etc.)

DEC 3 1974 TEST WITNESSED BY

U. S. GEOLOGICAL SURVEY

_____, hereby certifies that the foregoing and attached information is complete and correct as determined from all available records.

TITLE District Production Manager DATE 11-27-74

*(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 wells (oil, gas, geothermal, or both) pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning completion of this form and the manner of completion to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be furnished by the Bureau of Reclamation to the local or State office. See instructions on items 22 and 24, and 23, 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', separate tool core analysis, all type 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 filed on this form, see item 35.

Item 2: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with special 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.

Item 22: 1-74: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 23 show the preceding 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 23: "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 23 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	NAME	MEAS. DEPTH	TOP
Two prints of the open hole electrical log surveys were sent directly from Schlumberger to U.S.G.S., Denver, Colorado on 1-30-74.			See attached mud log		
Enclosed are:	4 copies Dakota static BHP test				
	4 copies Dakota gas analysis				
	4 copies Pictured Cliffs gas analysis				
	4 copies Pictured Cliffs static BHP test				
	4 copies Mud Log of porous zones				
Note: No drill stem tests were run					

PS To PC