

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

(See other In-
structions on
reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL ☐ GAS ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR
Jerome P. McHugh

3. ADDRESS OF OPERATOR
P O Box 208, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with on State requirements)*	RECEIVED OCT 22 1980 GEOLOGICAL SURVEY
At surface 2170' FSL - 920' FEL	
At top prod. interval reported below	
At total depth	

U. S. GEOLOGICAL SURVEY
14. PERMIT NO. FARMINGTON, N. M. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.
Contract #120

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla

9. WELL NO.
8E

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

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

Sec 32 T26N R4W

12. COUNTY OR PARISH Rio Arriba	13. STATE NM
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15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RSB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
8-4-80	8-19-80	9-17-80	6778' G.L.	

20. TOTAL DEPTH, MD & TVD 7760'	21. PLUG, BACK T.D., MD & TVD 7750'	22. IF MULTIPLE COMPL., HOW MANY* Single - gas	23. INTERVALS DRILLED BY → 0-TD	ROTARY TOOLS	CABLE TOOLS
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24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7545 to 7713 Basin Dakota	25. WAS DIRECTIONAL SURVEY MADE Yes
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26. TYPE ELECTRIC AND OTHER LOGS RUN	27. WAS WELL CORED
GR & CCL	No

CASING RECORD (Report all strings set in well)					
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	279'	12-1/4"	150 sx	---
4-1/2"	11.6 & 10.5	7769' RKB	7-7/8"	568 cf 1st stage	
				714 cf 2nd stage	
				1041.5 cf 3rd stage	

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"	7723'	

31. PERFORATION RECORD (Interval, size and number) 7545, 45, 49, 51, 53, 55, 57 7655, 57, 59, 61 8697, 99, 7701, 03, 05, 07, 09 11, 13 Total 20 holes	<table border="1" style="width: 100%;"> <tr> <th colspan="2" style="text-align: center;">32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.</th> </tr> <tr> <th style="width: 50%; text-align: center;">DEPTH INTERVAL (MD)</th> <th style="width: 50%; text-align: center;">AMOUNT AND KIND OF MATERIAL USED</th> </tr> <tr> <td> </td> <td>See Sundry Notice</td> </tr> <tr> <td> </td> <td>9-17-80 for detailed info.</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		See Sundry Notice		9-17-80 for detailed info.				
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	See Sundry Notice												
	9-17-80 for detailed info.												

33.*			PRODUCTION	
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		WELL STATUS (Producing or shut-in)	
	Flowing		SI	

DATE OF TEST 10-14-80	HOURS TESTED 3 hrs	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL-BBL. →	GAS-MCF. 902 AOF	WATER-BBL. →	GAS-OIL RATIO →
FLOW. TUBING PRESS. 1500 SI	CASING PRESSURE 2450 SI	CALCULATED 24-HOUR RATE →	OIL-BBL. →	GAS-MCF. 852	WATER-BBL. →	OIL GRAVITY-API (CORR.) →	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	TEST WITNESSED BY
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35 LIST OF ATTACHMENTS

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

SIGNED Thomas A. Duigan TITLE Agent DATE 2 1998-80

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

MMOCC

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: "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; CORRELATE INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH, INTERVAL TESTING, CUSHION TEST, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo	2830'	
				Kirtland	2972'	
				Pictured Cliffs	3290'	
				Lewis	3360'	
				Cliff House	4890'	
				Menefee	4973'	
				Pt. Lookout	5470'	
				Mancos	5780'	
				Gallup	6810'	
				Greenhorn	7440'	
				Graneros	7505'	
				Dakota	7542'	

RECEIVED