

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 _____				5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Contr. No. 129																																							
b. 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 Manning Gas & Oil Company				7. UNIT AGREEMENT NAME _____																																							
3. ADDRESS OF OPERATOR Suite 2322; 1660 Lincoln Street; Denver, Colorado 80203				8. FARM OR LEASE NAME Apache																																							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 790'FWL, 1850'FWL At top prod. interval reported below Same At total depth Same				9. WELL NO. 12																																							
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT So. Blanco Pictured Cliffs																																							
15. DATE SPUDDED 7-24-73 16. DATE T.D. REACHED 7-28-73 17. DATE COMPL. (Ready to prod.) 8-8-73				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 13-T24N-R4W N.M.P.M.																																							
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6867 KB				12. COUNTY OR PARISH Rio Arriba New Mexico																																							
19. ELEV. CASINGHEAD 6855'				13. STATE _____																																							
20. TOTAL DEPTH, MD & TVD 3160 21. PLUG, BACK T.D., MD & TVD 3092				22. IF MULTIPLE COMPL., HOW MANY* _____																																							
23. INTERVALS DRILLED BY _____				ROTARY TOOLS X CABLE TOOLS _____																																							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3005'-3040' Pictured Cliffs				25. WAS DIRECTIONAL SURVEY MADE No																																							
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, FDC				27. WAS WELL CORED No																																							
28. CASING RECORD (Report all strings) <table border="1"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>8-5/8</td><td>20.00</td><td>101</td><td>12-1/4 OIL</td><td>CON. COM 125</td><td>None</td></tr><tr><td>4-1/2</td><td>9.50</td><td>3138</td><td>7-7/8</td><td>DIST. 3 100</td><td>None</td></tr></tbody></table>						CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	8-5/8	20.00	101	12-1/4 OIL	CON. COM 125	None	4-1/2	9.50	3138	7-7/8	DIST. 3 100	None																				
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31. PERFORATION RECORD (Interval, size and number) 3005'-3009', 3013'-3016' & 3035'-3040' 4 jets per foot																																											
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1"><thead><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr></thead><tbody><tr><td>3005-3040</td><td>37,500 gals water 40,000 lbs. sand</td></tr></tbody></table>						DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	3005-3040	37,500 gals water 40,000 lbs. sand																																		
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34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Shut in Press. Tbg & Csg. - 1020																																											
35. LIST OF ATTACHMENTS 																																											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. SIGNED <u>[Signature]</u> TITLE Petroleum Engineer Consultant DATE 8-23-73																																											

*(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.), 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:				38. GEOLOGIC MARKERS			
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.	NAME	MEAS. DEPTH	TOP	TRUM VERT. DEPTH
				Ojo Alamo	2376		2376
				Kirtland	2782		2782
				Fruitland	2890		2890
				Pictured Cliffs	3000		3000