

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions 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.																															
b. TYPE OF COMPLETION:		NEW WELL ☐	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. REVR. ☐	Other ☐																														
2. NAME OF OPERATOR		Thomas A. Dugan				6. IF INDIAN, ALLOTTEE OR TRIBE NAME																															
3. ADDRESS OF OPERATOR		Box 234, Farmington, N. M. 87401				7. UNIT AGREEMENT NAME																															
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)		At surface				8. FARM OR LEASE NAME																															
At top prod. interval reported below		790' fsl 790' fwl				9. WELL NO.																															
At total depth						10. FIELD AND POOL, OR WILDCAT																															
14. PERMIT NO.		DATE ISSUED				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA																															
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, HEB, RT, GR, ETC.)*																															
7/18/70		10/26/70		P & A 8/25/70		6528' Gr.																															
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*																															
---		1300'		1275'		Single																															
23. INTERVALS DRILLED BY		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*		25. WAS DIRECTIONAL SURVEY MADE		26. TYPE ELECTRIC AND OTHER LOGS RUN																															
p-1300'		Pictured Cliffs - 1176' - 1300'				Gamma Ray Correlation, I.E.S., & Density log																															
27. WAS WELL CORED		28. CASING RECORD (Report all strings set in well)		29. LINER RECORD		30. TUBING RECORD																															
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31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		33. PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)																															
1186' - 1204' - 1089'-91', 1096' - 1100', 1107'-09'		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL (MD)</th> <th>AMOUNT AND KIND OF MATERIAL USED</th> </tr> <tr> <td>1089' -1204'</td> <td>20,000# 10-20 sd.</td> </tr> <tr> <td></td> <td>750 bbls. water</td> </tr> <tr> <td></td> <td>110 HX gal. 15% HCl</td> </tr> </table>		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	1089' -1204'	20,000# 10-20 sd.		750 bbls. water		110 HX gal. 15% HCl	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DATE FIRST PRODUCTION</th> <th>PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)</th> <th>WELL STATUS (Producing or shut-in)</th> </tr> <tr> <td>P&A 8/25/70</td> <td>P & A</td> <td></td> </tr> </table>		DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)	P&A 8/25/70	P & A		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DATE OF TEST</th> <th>HOURS TESTED</th> <th>CHOKE SIZE</th> <th>PROD'N. FOR TEST PERIOD</th> <th>OIL—BBL.</th> <th>GAS—MCF.</th> <th>WATER—BBL.</th> <th>GAS-OIL RATIO</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO								
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35. LIST OF ATTACHMENTS		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		37. SIGNED		38. DATE																															
				Original signed by T. A. Dugan		9/4/70																															
				Engineer																																	
				TITLE																																	

*(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 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: 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	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				LOG TOPS		
				XXXXXXXXXX	326X	
				Kirtland	326'	
				Fruitland	828'	
				Pictured Cliffs	1176'	
				Total Depth	1300'	