

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 ☐ <u>WATER 11 1977</u>	5. LEASE DESIGNATION AND SERIAL NO. SF 079115	
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESER. ☐	Other ☐ <u>COGICAL STUDY</u>
2. NAME OF OPERATOR Dugan Production Corp.						7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Box 234, Farmington, NM 87401						8. FARM OR LEASE NAME Tonkin	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1700' FNL - 2000' FWL At top prod. interval reported below At total depth						9. WELL NO. 3R	
14. PERMIT NO.						DATE ISSUED	
15. DATE SPUDDED 12-17-76		16. DATE T.D. REACHED 12-22-76		17. DATE COMPL. (Ready to prod.) 2-24-77		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6054' GR	
20. TOTAL DEPTH, MD & TVD 1850'		21. PLUG, BACK T.D., MD & TVD 1800'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS 0-1850'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 1695-1719' Pictured Cliffs						19. ELEV. CASINGHEAD	
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electric Log						25. WAS DIRECTIONAL SURVEY MADE No	
27. WAS WELL CORED No							
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
7"	20#	87'	8-3/4"	35 sx		None	
2-7/8"	6.5#	1830'	5"	100 sx		None	
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1-1/4"	1738' RKB	
31. PERFORATION RECORD (Interval, size and number) One 2-1/8" glass jet/ft 1714-1719' (5 holes) 1695-1705' (10 holes)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
				See completion report for detailed information			
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 3-3-77	HOURS TESTED 3	CHOKE SIZE 9/16"	PROD'N. FOR TEST PERIOD →	OIL—BBL. →	GAS—MCF. 601 AOF	WATER—BBL. →	GAS-OIL RATIO
FLOW. TUBING PRESS. 187 SI	CASING PRESSURE 210 SI	CALCULATED 24-HOUR RATE →	OIL—BBL. →	GAS—MCF. 601 AOF	WATER—BBL. →	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
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>Thomas A. Dugan</u>		TITLE <u>Petroleum Engineer</u>				DATE <u>3-10-77</u>	

*(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 POROSITY 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	TOP MEAS. DEPTH TRUE VERT. DEPTH
				Log Tops	
				Ojo Alamo	477'
				Kirtland	602'
				Fruitland	1347'
				Pictured Cliffs	1670'