

**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 _____									
b. TYPE OF COMPLETION:		NEW WELL ☒		WORK OVER ☐		DEEP-EN ☐		PLUG BACK ☐									
				DIFF. RESVR. ☐				Other _____									
2. NAME OF OPERATOR Dugan Production Corp.																	
3. ADDRESS OF OPERATOR P.O. Box 234, Farmington, NM 87401																	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1850' FNL - 990' FWL At top prod. interval reported below At total depth																	
14. PERMIT NO.					DATE ISSUED												
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD									
9-26-77		10-2-77		11-12-77		6080' GR											
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*									
1450'		1392'		Single		Surface		1450'									
								25. WAS DIRECTIONAL SURVEY-MADE									
								NO									
26. TYPE ELECTRIC AND OTHER LOGS RUN GO International Electrical Log and Correlation Log								27. WAS WELL CORRED									
								NO									
28. CASING RECORD (Report all strings set in well)																	
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED												
5-1/2"	14#	40'	7-7/8"	5/sx													
2-7/8"	6.4#	1433'	4-3/4"	75/sx Lodense + 50/sx Neat													
29. LINER RECORD																	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)													
		NONE															
30. TUBING RECORD																	
SIZE	DEPTH SET (MD)	PACKER SET (MD)															
1-1/4"	1350'																
31. PERFORATION RECORD (Interval, size and number)					32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.												
1340' - 1350' (10 holes) One 2-1/8" glass jet per foot					<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>NONE</td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>					DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	NONE					
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED																
NONE																	
33.* PRODUCTION																	
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)											
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO										
11-12-77	3 hrs	5/8	→		176												
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.		WATER—BBL.	OIL GRAVITY-APT (CORR.)										
9	250 SI	→		182 CAOF													
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)																	
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		Thomas A. Dugan		TITLE		Petroleum Engineer		DATE									
								11-16-77									

* (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: 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	TRUE VERT. DEPTH
			LOG TOPS		
			Kirtland	55'	
			Fruitland	665'	
			Pictured Cliffs	1330'	