

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 _____									
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 1550' FSL - 1490' FEL At top prod. interval reported below As above At total depth As above																	
14. PERMIT NO.				DATE ISSUED													
15. DATE SPUDDED 2-11-78				16. DATE T.D. REACHED 2-22-78				17. DATE COMPL. (Ready to prod.) 3 25-78				18. ELEVATIONS (DF, RSB, RT, GR, ETC.)* 6588' GR 6600 RKB				19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 6349'				21. PLUG, BACK T.D., MD & TVD 6300'				22. IF MULTIPLE COMPL., HOW MANY*				23. INTERVALS DRILLED BY → 0-6349'				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Gallup 5132-5400' Greenhorn 6074-6128'	
26. TYPE ELECTRIC AND OTHER LOGS RUN IES and CDL												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					
8-5/8"		24#		231'		12-1/4"		145/sx				---					
4-1/2"		10.5#		6348'		7-7/8"		1900 cu ft				---					
29. LINER RECORD																	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		30. TUBING RECORD							
										SIZE 2-3/8"		DEPTH SET (MD) 6110'		PACKER SET (MD)			
31. PERFORATION RECORD (Interval, size and number) 6123-6128', 6112-6118', 6074-6098', 5390-5400', 5314-5324, 5290-5300', 5237-5247', 5132-5142'.																	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED See Sundry Notice for detailed frac information.																	
33.* PRODUCTION																	
DATE FIRST PRODUCTION 3-25-78		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing								WELL STATUS (Producing or shut-in) SI							
DATE OF TEST 3-26-78		HOURS TESTED 24		CHOKE SIZE ---		PROD'N. FOR TEST PERIOD →		OIL—BBL. 52		GAS—MCF. 75 est.		WATER—BBL. 0		GAS-OIL RATIO 1442			
FLOW. TUBING PRESS. 35 psi		CASING PRESSURE 850 psi		CALCULATED 24-HOUR RATE →		OIL—BBL. 52		GAS—MCF. 75 est		WATER—BBL. 0		OIL GRAVITY-API (CORR.) 400					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented												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 Jim L. Jacobs		TITLE Geologist										DATE 3-30-78					

*(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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Log Tops		
				Ojo Alamo	845'	
				Kirtland	1010'	
				Fruitland	1408'	
				Pictured Cliffs	1673'	
				Lewis	1770'	
				Cliff House	3200'	
				Menefee	3253'	
				Point Lookout	3993'	
				Mancos	4287'	
				Gallup	5115'	
				Greenhorn	6064'	
				Graneros	6128'	
				Dakota	6210'	