

UNITED STATES

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 5820, Farmington, NM 87499-5820

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations)
At surface

660' FNL & 1980' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED
4-29-88

15. DATE SPUDDED 5-26-88 16. DATE T.D. REACHED 5-31-88 17. DATE COMPL. (Ready to prod.) 6-24-88 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6575' GL; 6587' KB 19. ELEV. CASINGHEAD 6575'

20. TOTAL DEPTH, MD & TVD 4720' 21. PLUG, BACK T.D., MD & TVD 4653' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY T.D.

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4412-4603' - Gallup

26. TYPE ELECTRIC AND OTHER LOGS RUN
Induction Guard Log; Compensated Denisty; GR-CCL

CASING RECORD (Report all strings set in well)						AMOUNT PULLED
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		
9-5/8" OD	36#	226' RKB	12-1/4"	147.5 cf class "B" + 2% CaCl ₂		----
4-1/2" OD	10.5#	4719' RKB	7-7/8"	1507.0 cf in 2 stages (1st stage w/225 sx 50-50 pos+2% gel & 1/4# celloflake/sk [284 cf]. 2nd stage w/525 sx 65-35 + 12% gel & 1/4# celloflake/sk & 50 sx 50-50 pos + 2% gel & 1/4# celloflake/sk [1223 cf].) DV tool @ 3593'.		----

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4602'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Perforate w/3-1/8" gun & 1 JSPF as follows: 4412-19 (2 JSPF-16 holes); 4420, 21, 31, 34, 35, 45; 4594-95 (2 JSPF-4 holes); 4596; 4597-4600 (2 JSFP-8 holes); 4601; 4602-03 (2 JSPF-4 holes). Total of 40 holes.		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		4412-4603'	124,000 lbs 20/40 sand 95,940 gals slickwater

33.* PRODUCTION							
DATE FIRST PRODUCTION 6-24-88 *		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 7-14-88	HOURS TESTED 20	CHOKE SIZE ---	PROD'N. FOR TEST PERIOD →	OIL—BBL. 42	GAS—MCF. 18	WATER—BBL. **8	GAS-OIL RATIO 429
FLOW. TUBING PRESS. ---	CASING PRESSURE 110	CALCULATED 24-HOUR RATE →	OIL—BBL. 50	GAS—MCF. 22	WATER—BBL. 10**	OIL GRAVITY-API (CORR.) 40° est.	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Vented during test - to be sold.

35. LIST OF ATTACHMENTS
*First oil swabbed to tank.
**Water is frac fluid

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 7-15-88

(See Instructions and Spaces for Additional Data on Reverse Side)

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, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Fruitland Pictured Cliffs Lewis Cliff House Menefee Point Lookout Gallup	755' 1010' 1125' 1778' 1935' 3362' 4195'	