

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

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

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. RESER. ☐

2. NAME OF OPERATOR
DUGAN PRODUCTION CORP.

3. ADDRESS OF OPERATOR
P.O. Box 208, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 660' FSL & 1980' FEL
At top prod. interval reported below
At total depth

14. PERMIT NO. DATE ISSUED
10-2-87

15. DATE SPUDDED 11-23-87 16. DATE T.D. REACHED 11-27-87 17. DATE COMPL. (Ready to prod.) 12-20-87 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6570' GL; 6582' RKB 19. ELEV. CASINGHEAD 6570'

20. TOTAL DEPTH, MD & TVD 4736' 21. PLUG, BACK T.D., MD & TVD 4668' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY T.D. ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4332' - 4598' Gallup 25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electric; Compensated Density; GR-CCL 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" OD 24# 220' RKB 12 1/4" 159 cf class "B" + 2% CaCl₂ ---
4-1/2" OD 10.5# 4736' RKB 7-7/8" 1605 cf in 2 stages (1st stg. ---
w/230 sx 50-50 poz+2% gel & 1/4# celloflake/sk [292 cf]. 2nd stage w/565 sx 65-35 poz + 12% gel & 1/4# celloflake/sk & 50 sx 50-50 pos + 2% gel & 1/4# celloflake/sk [1313 cf]). DV tool @ 3682'.

29. LINER RECORD 30. TUBING RECORD
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD)
2-3/8" 4602' RKB

31. PERFORATION RECORD (Interval, size and number)
4332, 37, 49, 56, 90, 98, 99, 4413, 14, 14 1/2, 15, 15 1/2, 16, 16 1/2, 17, 18, 30, 31, 32, 33, 41, 42, 43, 45, 55, 68, 4579, 80, 82, 88, 89, 90, 91, 92, 92 1/2, 93, 93 1/2, 94, 94 1/2, 95, 97, 98 (Total of 42 - 0.34" holes)
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
4332' 4598' 93,000 gals slickwater
124,000 lbs 20/40 sand

33.* PRODUCTION
DATE FIRST PRODUCTION 12-20-87 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping WELL STATUS (Producing or shut-in) producing
DATE OF TEST 12-23-87 HOURS TESTED 24 CHOKE SIZE --- PROD'N. FOR TEST PERIOD 43 OIL—BBL. 27 GAS—MCF *20 WATER—BBL. 628 GAS-OIL RATIO
FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE 43 GAS—MCF. *20 OIL GRAVITY-API (CORR.) 40°

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Gas vented during test - to be sold. TEST WITNESSED BY Gould

35. LIST OF ATTACHMENTS
*Note: 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 12-23-87

*(See Instructions and Space 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, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TC	
					MEAS. DEPTH	
				Fruitland Pictured Cliffs Lewis Mesa Verde Point Lookout Mancos Gallup	698' 1003' 1155' 1720' 3352' 3568' 4100'	