

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other In-
structions on
reverse side)

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. RESVR. ☐ Other ☐

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 1850' FSL - 790' FEL

At top prod. interval reported below

At total depth

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

14. PERMIT NO. DATE ISSUED
4-24-85

15. DATE SPUDDED 5-7-85 16. DATE T.D. REACHED 5-12-85 17. DATE COMPL. (Ready to prod.) 5-23-85 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6092' GL; 6104' RKB 19. ELEV. CASINGHEAD 6092'

20. TOTAL DEPTH, MD & TVD 5350' 21. PLUG, BACK T.D., MD & TVD 5279' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY T.D. 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND T.D.) 5090' - 5251' Gallup 25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electric, Compensated Density 27. WAS WELL CORED no

28. CASING RECORD (Report all strings set)
Casing Size Weight, lb./ft. Depth Set (MD) Hole Size Cementing Record Amount Pulled
8-5/8" OD 24# 212' 12 1/4" 195 cf Class "B"+2% CaCl
4-1/2" OD 10.5# 5350' 7-7/8" 1639 cf in 2 stages
(See reverse side for details of cementing record)

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" 5216' RKB

31. PERFORATION RECORD (Interval, size and number) 5090; 5150, 71, 77, 85, 86, 87, 88; 5203, 04, 08, 5209, 10, 11, 12, 19, 20, 24, 26, 28, 30, 32, 34, 36, 5237, 42, 47 and 51. (A total of 28 - 0.34" holes). 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
Depth Interval (MD) Amount and Kind of Material Used
5090-5251' 72,000 gallons slickwater
98,500 lbs 20/40 sand

33.* PRODUCTION
Date First Production 5-23-85 Production Method (Flowing, gas lift, pumping—size and type of pump) Swabbing Well Status (Producing or shut-in) SI
Date of Test 5-25-85 Hours Tested 8 hrs Choke Size --- Prod'n. for Test Period --- Oil—BBL. 42 Gas—MCF. 23 Water—BBL. 80* Gas-Oil Ratio 548
Flow. Tubing Press. --- Casing Pressure 180 Calculated 24-Hour Rate --- Oil—BBL. 126 Gas—MCF. 69 Water—BBL. 240* Oil Gravity-API (CORR.) 40 est.

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

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 6-5-85

*(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, time tool open, flowing and shut-in pressures, and recoveries):				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	
			28. <u>Cementing Record (con't from front)</u> Cement 1st stage w/ 170 sx 50/50 poz w/2% gel + $\frac{1}{4}$ # flocele/sk. (slurry=216 cf). Cement 2nd stage w/615 sx 65/35 poz w/12% gel + $\frac{1}{4}$ # flocele/sk, and 50 sx 50/50 poz w/2% gel + $\frac{1}{4}$ # flocele/sk (slurry=1423 cf). TOTAL SLURRY USED IN BOTH STAGES=1639 cf. DV tool at 4185'. Float at 5307'.	

38. GEOLOGIC MARKERS			
NAME	TOP		TRUE VERT. DEPTH
	MEAS. DEPTH		
Kirtland	567'		
Fruitland	1089'		
Pictured Cliffs	1379'		
Lewis	1618'		
Mesaverde	2180'		
Point Lookout	3886'		
Mancos	4195'		
Gallup	4970'		