

1 Celsius-Denver; 1-SLC  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

1 BIA (Jerry Degroat)

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

2 File 1 MW 1RS  
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 ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐  
OCT 11 1985

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 State requirements)\*  
At surface 490' FNL - 970' FWL  
At top prod. interval reported below  
At total depth

14. PERMIT NO. DIST. 3 ISSUED  
6-24-85

15. DATE SPUDDED 9-8-85 16. DATE T.D. REACHED 9-13-85 17. DATE COMPL. (Ready to prod.) 10-3-85 18. ELEVATIONS (DF, RKB, RT, GE, ETC.)\* 6688' GL; 6700' RKB 19. ELEV. CASINGHEAD 6688'

20. TOTAL DEPTH, MD & TVD 4825' 21. PLUG, BACK T.D., MD & TVD 4805' 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)\* 4523-4775' Gallup

26. TYPE ELECTRIC AND OTHER LOGS RUN  
IES, CDL and GR-CCL

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#             | 210' RKB       | 12-1/4"   | 159 cf class "B" + 2% CaCl <sub>2</sub> | ---           |
| 4-1/2" OD                                                                                                                                                                    | 10.5#           | 4825' RKB      | 7-7/8"    | 1541 cf in 2 stages                     | ---           |
| [1st stage w/200 sx 50-50 pos+2% gel & 1/4# flocele/sk (254 cf.) 2nd stage w/ 525 sx 65-35 +12% gel & 1/4# flocele/sk & 100 sx 50-50 pos+2% gel & 1/4# flocele/sk (1287 cf)] |                 |                |           |                                         |               |

| LINER RECORD |          |             |               | TUBING RECORD |        |                |
|--------------|----------|-------------|---------------|---------------|--------|----------------|
| SIZE         | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD)   | SIZE   | DEPTH SET (MD) |
|              |          |             |               |               | 2-3/8" | 4740' RKB      |

31. PERFORATION RECORD (Interval, size and number)  
4523, 25, 39, 46, 50, 63, 66, 73, 77, 89, 4603, 41, 52, 60, 69, 92, 95, 97, 4701, 09, 15, 17, 19, 4731-38 (8 holes), 44, 45, 51, 62, 69, 72 & 75. Total of 38 - 0.34" holes).

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED                 |
|---------------------|--------------------------------------------------|
| 4523-4775'          | 124,000 lbs 20/40 sand<br>93,000 gals slickwater |

| PRODUCTION            |                                                                      |                         |                         |          |            |                         | WELL STATUS (Producing or shut-in) |
|-----------------------|----------------------------------------------------------------------|-------------------------|-------------------------|----------|------------|-------------------------|------------------------------------|
| DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |                         |          |            |                         | Shut-in                            |
| 10-3-85               | Flowing & Swabbing                                                   |                         |                         |          |            |                         |                                    |
| DATE OF TEST          | HOURS TESTED                                                         | CHOKE SIZE              | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.              | GAS-OIL RATIO                      |
| 10-7-85               | 4 hrs                                                                | ---                     | →                       | 15       | 12         | *40                     | 800-1                              |
| FLOW. TUBING PRESS.   | CASING PRESSURE                                                      | CALCULATED 24-HOUR RATE | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) |                                    |
| ---                   | 560                                                                  | →                       | 90                      | 72       | *240       | 40 est.                 |                                    |

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

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 I. Jacobs

TITLE Geologist

DATE 10-9-85

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

## GEOLOGIC MARKERS

| FORMATION |  | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME            | TOP         |                  |
|-----------|--|-----|--------|-----------------------------|-----------------|-------------|------------------|
|           |  |     |        |                             |                 | MEAS. DEPTH | TRUE VERT. DEPTH |
|           |  |     |        |                             | Ojo Alamo       | 253'        |                  |
|           |  |     |        |                             | Kirtland        | 371'        |                  |
|           |  |     |        |                             | Fruitland       | 803'        |                  |
|           |  |     |        |                             | Pictured Cliffs | 1104'       |                  |
|           |  |     |        |                             | Lewis           | 1248'       |                  |
|           |  |     |        |                             | Mesaverde       | 1876'       |                  |
|           |  |     |        |                             | Point Lookout   | 3510'       |                  |
|           |  |     |        |                             | Mancos          | 3715'       |                  |
|           |  |     |        |                             | Gallup          | 4134'       |                  |