

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)

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 ☐

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  
1980' FSL & 1980' FWL  
At top prod. Interval reported below  
At total depth

14. PERMIT NO. DATE ISSUED  
12-16-87

15. DATE SPUDDED 12-24-87 16. DATE T.D. REACHED 12-29-87 17. DATE COMPL. (Ready to prod.) 1-12-88

18. ELEVATIONS (DP, RKB, RT, GR, ETC.)\* 6535' GL; 6547' RKB

20. TOTAL DEPTH, MD & TVD 4720' 21. PLUG BACK T.D., MD & TVD 4663' 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)\*  
4301' - 4561' - Gallup

26. TYPE ELECTRIC AND OTHER LOGS RUN  
Induction Guard Log, Compensated Density Log, GR-CCL

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#             | 201' RKB       | 12-1/4"   | 159 c.f. class "B" +2% CaCl <sub>2</sub> | ---           |
| 4-1/2"                                                                                                                                                                                     | 10.5#           | 4717' RKB      | 7-7/8"    | 1600 c.f. in 2 stages (1st stg ---       | ---           |
| w/235 sx 50-50 pos +2% gel & 1/4# celloflake/sk [298 cf]. 2nd stage w/560 sx 65-35+12% gel & 1/4# celloflake/sk & 50 sx 50-50 pos+2% gel & 1/4# celloflake/sk [1302 cf].) DV Tool @ 3706'. |                 |                |           |                                          |               |

| 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" | 4543'          |                 |

31. PERFORATION RECORD (Interval, size and number)  
4301, 08, 17, 26, 33, 45, 49, 58, 66, 67, 81, 82, 83, 84, 85, 87, 88, 89, 93, 97, 98, 4403, 05, 07, 21, 34, 4541, 42, 46, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61  
(Total of 40 - 0.34" holes)

| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                  |
|------------------------------------------------|----------------------------------|
| DEPTH INTERVAL (MD)                            | AMOUNT AND KIND OF MATERIAL USED |
| 4301-4561'                                     | 93,000 gals slickwater           |
|                                                | 124,000 lbs 20/40 sand           |

33.\* PRODUCTION  
DATE FIRST PRODUCTION 1-12-88\*\*  
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping  
WELL STATUS (Producing or shut-in) producing

| DATE OF TEST        | HOURS TESTED    | CHOKE SIZE              | PROD'N. FOR TEST PERIOD | OIL—BSL. | GAS—MCF.   | WATER—BSL.              | GAS-OIL RATIO |
|---------------------|-----------------|-------------------------|-------------------------|----------|------------|-------------------------|---------------|
| 2-17-88             | 24              | ---                     | ---                     | 47       | 18         | 36*                     | 383           |
| PCFW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BSL.                | GAS—MCF. | WATER—BSL. | OIL GRAVITY-API (CORR.) |               |
| 80                  | 80              | ---                     | 47                      | 18       | 36*        | 40°                     |               |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Gas sold and used for fuel

35. LIST OF ATTACHMENTS  
\*\*First new oil to tank \*Water is frac water

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 2-18-88  
(See Instructions and Spaces for Additional Data on Reverse Side)

|     |                                                                                                                                                                                                                                                     |     |        |                             |    |                                                                                         |                                                           |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------|-----------------------------|----|-----------------------------------------------------------------------------------------|-----------------------------------------------------------|
| 38. | 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): |     |        |                             |    | GEOLOGIC MARKERS                                                                        |                                                           |
|     | FORMATION                                                                                                                                                                                                                                           | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | TC | NAME                                                                                    | MEAS. DEPTH                                               |
|     |                                                                                                                                                                                                                                                     |     |        |                             |    | Fruitland<br>Pictured Cliffs<br>Lewis<br>Mesaverde<br>Point Lookout<br>Mancos<br>Gallup | 400'<br>973'<br>1135'<br>1720'<br>3335'<br>3586'<br>3847' |