

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions 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. REVR. ☐ 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 a Farmington Resource Area)
At surface 990' FNL & 990' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED
9-6-85

5. LEASE DESIGNATION AND SERIAL NO.

NM 45208

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ivy League

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Bisti Lower Gallup

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 17, T24N, R9W, NMPM

12. COUNTY OR PARISH
San Juan

13. STATE
NM

15. DATE SPUDDED 11-3-85 16. DATE T.D. REACHED 11-11-85 17. DATE COMPL. (Ready to prod.) 7-4-86 18. ELEVATIONS (DF, RKB, RT, GE, ETC.)* 6734' GL; 6746' RKB 19. ELEV. CASINGHEAD 6734'

20. TOTAL DEPTH, MD & TVD 6470' 21. PLUG, BACK T.D., MD & TVD 6112' 22. IF MULTIPLE HOLES, 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)* 4894' - 5403' Gallup 25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN IES, CDL, 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# 223' RKB 12-1/4" 159 cf class "B" + 2% CaCl₂
4-1/2" 10.5# 6470' RKB 7-7/8" 2466 cf in 2 stages (1st stage w/500 sx 50-50 pos + 2% gel & 1/4# flocele/sk [635 cf]. 2nd stage w/800 sx 65-35 + 12% gel & 1/4# flocele/sk & 50 sx 50-50 pos + 2% gel & 1/4# flocele/sk [1831 cf].) DV tool @ 4334'.
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" 5345'

31. PERFORATION RECORD (Interval, size and number)
Perforated Gallup intervals 4894, 4961, 5023, 5171, 5182, 5213, 27, 53, 57, 73, 85, 91, 95, 96, 97, 98, 99, 5300, 01, 02, 06, 07, 08, 09, 10, 11, 12, 15, 26, 34, 35, 36, 37, 38, 60, 70, 79, 83, 91, 5403
Total of 40 - 0.34" holes. (See Reverse for
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
Depth Interval (MD) Amount and Kind of Material Used
4894' - 5403' 93,000 gals slickwater
124,000 lbs 20/40 sand
(See Reverse)

33.* More Info.) PRODUCTION
Date First Production 7-4-86 Production Method (Flowing, gas lift, pumping—size and type of pump) Pumping Well Status (Producing or shut-in) Producing
Date of Test 7-7-86 Hours Tested 24 Choke Size --- Prod'n. for Test Period --- Oil—BBL. 37 Gas—MCF. 25 Water—BBL. *15 Gas-Oil Ratio 676
Flow. Tubing Press. --- Casing Pressure 35 psi Calculated 24-Hour Rate --- Oil—BBL. 37 Gas—MCF. 25 Water—BBL. *15 Oil Gravity-API (corr.) 40° est.

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

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 7-7-86

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

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	MEAS. DEPTH	TOP TRUE VERT. DEPTH
			31. Perforation Record (con't from front) The following <u>Dakota</u> perforations were abandoned: a) 6383-85 (3 holes) & 6407-13 (7 holes) - Abandoned w/ CIBP @ 6375' capped with 2.36 cf cement b) 6304, 05, 12, 13, 14, 25, 26, 27, 28 & 29 (10 holes) - Abandoned w/CIBP @ 6295' capped with 2.36 cf cement. c) 6212, 13, 15, 16, 17, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 49, 50, 51, 52 & 53 (21 - 0.34 holes) - Abandoned w/ CIBP @ 6162' capped with 50' cement. 32. Stimulation Record for Dakota Intervals: 6212- 6253' 34,000 gals gelled water 35,000 lbs 20/40 sand, 400 gals 15% HCL 6383- 6413' 300 gals 15% HCL 6304- 6329' 300 gals 15% HCL	Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Mesaverde Point Lookout Mancos Gallup	820' 930' 1170' 1626' 1895' 2487' 4093' 4320' 4692'	