

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

5. LEASE DESIGNATION AND SERIAL NO.

N00-C-14-20-7308

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Allottee

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Marathon

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

South Bisti Gallup

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

Sec. 4, T23N, R10W, NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

NM

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. ☐

2. NAME OF OPERATOR

DUGAN PRODUCTION CORP.

3. ADDRESS OF OPERATOR

P.O. Box 5820, Farmington, NM 87499-5820

4. LOCATION OF WELL (Report location clearly and in accordance with any applicable regulations)

At surface

1830' FNL & 1830' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

5-25-88

15. DATE SPUDDED

5-31-88

16. DATE T.D. REACHED

6-4-88

17. DATE COMPL. (Ready to prod.)

7-6-88

18. ELEVATIONS (DF, RKB, BT, GR, ETC.)*

6625' GL; 6637' KB

19. ELEV. CASINGHEAD

6625'

20. TOTAL DEPTH, MD & TVD

4770'

21. PLUG BACK T.D., MD & TVD

4711'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

T.D.

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

4453-4652' Gallup

25. WAS DIRECTIONAL SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction Guard Log; Compensated Density Log; 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
9-5/8" OD	36#	210' RKB	12-1/4"	147.5 cu. ft. class "B" + 2% CaCl ₂	---
4-1/2" OD	10.5#	4779' RKB	7-7/8"	1686 cu. ft. in 2 stages (1st stage w/ 190 sx 50-50 pos + 2% gel & 6 1/2# gilsonite/sk & 1# celloflake/sk [263 cu. ft.] 2nd stage w/ 615 sx 65-35+12% gel & 1# celloflake/sk & 50 sx 50-50 pos + 2% gel & 1# celloflake/sk [1423 cu. ft.])	---

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8" OD	4668'	

31. PERFORATION RECORD (Interval, size and number)

4453, 54, 55, 59, 60 w/1 JSPF; 4461-64 w/2 JSPF;
 4465, 66, 78, 79, 80, 81, 87, 89, 93 w/1 JSPF; 4644-52 w/2 JSPF. Total of 40 - 0.34" holes.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4453-4652'	124,000 lbs 20-40 sand 95,984 gals slickwater

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
7-6-88**		Pumping					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
7-25-88	24	---	→	43	18	*25	419	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
80	80	→	43	18	*25	40°		

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

Sold

TEST WITNESSED BY

Mike Gould

35. LIST OF ATTACHMENTS

**1st oil swabbed to tank.

*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

7-26-88

*(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
				Kirtland Fruitland Pictured Cliffs Lewis Cliff House Menefee Point Lookout Mancos Gallup	260' 790' 1033' 1153' 1820' 1934' 3426' 3613' 4244'	