

UNITED STATES

SUBMIT IN DUPLICATE

Budget Bureau No. 1004-0137
Expires August 31, 1985

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other instructions on reverse side)

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. 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 State requirements)
At surface
1740' FNL & 2235' FEL
At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED
6-7-88

5. LEASE DESIGNATION AND SERIAL NO.
NM-42059

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Champ

9. WELL NO.
4

10. FIELD AND POOL, OR WILDCAT
South Bisti Gallup

11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA
Sec. 5, T23N, R10W, NMPM

12. COUNTY OR PARISH
San Juan

13. STATE
NM

15. DATE SPUDDED 9-11-88 16. DATE T.D. REACHED 9-15-88 17. DATE COMPL. (Ready to prod.) 10-3-88 18. ELEVATIONS (OF. RKB, RT, GR, ETC.)* 6583' GL; 6595' RKB 19. ELEV. CASINGHEAD 6583'

20. TOTAL DEPTH, MD & TVD 4715' 21. PLUG, BACK T.D., MD & TVD 4660' 22. IF MULTIPLE COMPL., 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)* 4400' - 4593' - 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
8-5/8" OD	24#	204' RKB	12-1/4"	159 cu.ft. class "B"+2% CaCl ₂	---
4-1/2" OD	10.5#	4711' RKB	7-7/8"	1365 cu.ft. in 2 stages (1st stage w/190 sx 50-50 pos+2% gel & 1/4# celloflake/sk (241 cu.ft.). 2nd stage w/480 sx 65-35+12% gel & 1/4# celloflake/sk & 50 sx 50-50 pos+2% gel & 1/4# celloflake/sk (1124 cu.ft.). DV Tool @ 3627'.)	---

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8" OD	4582'	

31. PERFORATION RECORD (Interval, size and number)

4400 (1 spf-1 hole); 04-08 (2 spf-10 holes); 09 (1 spf-1 hole); 10-13 (2 spf-8 holes); 23, 27, 31, 38, 49, 62 (1 spf-6 holes); 4584-90 (2 spf-14 holes); 91, 92 (1 spf-2 holes) 93 (2 spf-2 holes). Total of 44 holes.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4400-4593'	125,000 # 20/40 sand
	93,000 gals slickwater

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
10-3-88		Swabbing					Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
10-5-88	10	---	→	23	8	115*	348/1	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
---	70	→	55	19	276*	40°		

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

Vented during test - to be sold.

TEST WITNESSED BY

ADP Brown

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 10-13-88

*(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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Fruitland	808'	
				Pictured Cliffs	1006'	
				Lewis	1120'	
				Cliff House	1784'	
				Menefee	1887'	
				Point Lookout	3320'	
				Mancos	3513'	
				Gallup	4187'	