

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in
situations 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 ☐ DIFF. RESER. ☐

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

810' FSL & 810' FWL
At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

10-2-87

12. COUNTY OR PARISH

San Juan

13. STATE

NM

15. DATE SPUDDED
1-22-88

16. DATE T.D. REACHED
1-26-88

17. DATE COMPL. (Ready to prod.)
2-20-88

18. ELEVATIONS (DF, RKB, RT, GR, ETC.) *
6665' GL; 6677' RKB

19. ELEV. CASINGHEAD
6665'

20. TOTAL DEPTH, MD & TVD
4776'

21. PLUG BACK T.D., MD & TVD
4718'

22. IF MULTIPLE COMPL., HOW MANY *

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

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

4447' - 4651' - 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 CORRED
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"	32#	213'	12-1/4"	159 cf class "B" neat+2% CaCl ₂	---
4-1/2"	10.5#	4776'	7-7/8"	1398 cf in 2 stages (1st stage	---
w/180 sx 50-50 pos+2% gel & 1/4# celloflake/sk [229 cf]. 2nd stage w/500 sx 65-35+12% gel & 1/4# celloflake/sk & 50 sx 50-50 pos+2% gel & 1/4# celloflake/sk [1169 cf]). DV Tool @ 3700'.					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
					SIZE DEPTH SET (MD) PACKER SET (MD)
					2-3/8" 4633'

31. PERFORATION RECORD (Interval, size and number)

4447, 49, 51, 54, 59, 60; 61-63 (2 spf - 6 holes);
64, 65, 66, 67, 76, 77, 82, 90, 4626, 27; 42-43
(2 spf - 4 holes); 45-51 (2 spf - 14 holes);
Total of 40 - 0.34" holes.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4447-4651	124,000 lbs 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)	
2-20-88*		pumping					producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO	
4-8-88	24	---	→	43	18	**32	419	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)		
---	65	→	43	18	**32	40°		

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

Sold and used for fuel

TEST WITH ROWELL
ACCEPTED FOR RECORD
Rowell

35. LIST OF ATTACHMENTS

*1st new oil to tank.

**Note: Water is all 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 4-8-88

*(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, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME
				MEAS. DEPTH
				TRUE VERT. DEPTH
				307'
				683'
				1042'
				1238'
				1760'
				3434'
				3707'
				3926'
				Kirtland
				Fruitland
				Pictured Cliffs
				Lewis
				Mesaverde
				Point Lookout
				Mancos
				Gallup