

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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. GENR. ☐ Other ☐

2. NAME OF OPERATOR

DUGAN PRODUCTION CORP.

3. ADDRESS OF OPERATOR

P.O. Box 420, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

660' FNL & 1980' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DIST. 3-10-89

12. COUNTY OR PARISH
San Juan

13. STATE
NM

15. DATE SPUDDED

7-28-89

16. DATE T.D. REACHED

8-1-89

17. DATE COMPL. (Ready to prod.)

8-17-89

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

6555' GL 6567' KB

19. ELEV. CASINGHEAD

6555'

20. TOTAL DEPTH, MD & TVD

4660'

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

4599'

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)*

4337' - 4537' - Gallup

25. WAS DIRECTIONAL SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction - SFL; Formation Density Log; GR-CCL

27. WAS WELL CORED

no

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#	212' RKB	12-1/4"	159 cu.ft. (135 sx class)	B"+2% CaCl ₂
4-1/2" OD	10.5#	4656' RKB	7-7/8"	1505 cu.ft. in 2 stages (1st stage with 215 sx 50-50 pos+2% gel & 1/4# celloflake/sk (273 c.f.); 2nd stage w/500 sx 65-35+12% gel & 1/4# celloflake/sk & 100 sx 50-50 pos+2% gel & 1/4# celloflake/sk (1232 cu.ft.))	3582'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4524' RKB	

31. PERFORATION RECORD (Interval, size and number)

4337, 51-57 (7 holes), 66-72 (7 Holes), 81, 93, 4405, 4514, 15, 16, 23-26 (4 holes), 27-30 (2 sfp-8 holes), 31-37 (7 holes).
Total of 40 holes - 0.34".

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4337-4537'	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)	
8-17-89*		pumping					producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO	
9-11-89	24	---	→	38	15	40**	395	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)		
40	40	→	38	15	40**	40°		

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

Sold

TEST WITNESSED BY

Gould

35. LIST OF ATTACHMENTS

*1st new 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 9-11-89

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

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

7. 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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Fruitland Pictured Cliffs Lewis Cliff House Menefee Point Lookout Mancos Gallup	650' 952' 1025' 1517' 1770' 3283' 3462' 4130'	

38.

GEOLOGIC MARKERS