

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions 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 ☐ OIL WELL ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

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 1650' FNL & 1650' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

3-29-88

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

15. DATE SPUDDED

4-26-88

16. DATE T.D. REACHED

5-9-88

17. DATE COMPL. (Ready to prod.)

6-9-88

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

7358' GL; 7370' KB

19. ELEV. CASINGHEAD

7358'

20. TOTAL DEPTH, MD & TVD

7950'

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

7755'

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)*

6939' - 7715' Mancos

25. WAS DIRECTIONAL SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Laterolog; Compensated Density Compensated Neutron log;

27. WAS WELL CORED

no

28. GR/CCL

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 & 43.5#	215' RKB	12-1/4"	147.5 cf class "B" + 2% CaC	1
5-1/2" OD	15.5 & 17#	7948' RKB	7-7/8"	2079 cf in 3 stages (details on back)	2

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	7426' RKB	

31. PERFORATION RECORD (Interval, size and number)

6939, 66, 77, 81, 85, 7009, 27, 29, 56, 7108, 37, 42, 49, 64, 66, 68, 73, 85, 95, 7201, 02, 03, 04, 05, 09, 18, 21, 30, 35, 47, 59, 79, 7321, 26, 29, 35, 37, 39, 42, 54, 59, 64, 69, 77, 82, 99, 7405, 13, 20, 27, 32
(total of 51 - 0.34" holes) SEE REVERSE

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6939-7432	79,415 gals 30# gel water
	69,125 lbs 20/40 sand
7547-7715	34,400 gals 30# gel water
	12,050 lbs 20/40 sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
6-9-88**		pumping				producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-30-88	24	---	→	12	35	*20	2917
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
100	100	→	12	35	*20	40° est.	

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

Vented during test - to be sold

TEST WITNESSED BY

Applegate

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 8-31-88

*(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
Continued from front page:				Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House Menefee Point Lookout Mancos	3401'	
28. Casing Record					3572'	
1st stage with 185 sx 50-50 pos + 2% gel with 6 1/4# gilsonite/sk & 1/4# celloflake/sk [total cement slurry 1st stage = 259 cu.ft.]. 2nd stage with 130 sx 65-35 + 12% gel & 1/4# celloflake/sk & 190 sx 50-50 pos + 2% gel & 6 1/4# gilsonite/sk & 1/4# celloflake/ sk [total cement slurry 2nd stage = 553 cu.ft.]. 3rd stage with 510 sx 65-35 + 12% gel & 1/4# celloflake/sk & 100 sx 50-50 pos + 2% gel & 6 1/4# gilsonite/sk & 1/4# celloflake/sk [total cement slurry 3rd stage = 1267 cu.ft.]. Total cement slurry used in all 3 stages = 2079 cu.ft.					3590'	
					3738'	
					3897'	
					5510'	
					5601'	
					5895'	
					6177'	
31. Perforation Record						
7547, 48, 49, 50, 51, 55 7626, 29, 30, 37, 55, 7703, 06, 10, 15 (total of 15 - 0.41" holes).						