

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐ 04 JAN 14 PM 3:43

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other 070 FARMINGTON, NM

2. NAME OF OPERATOR

Dugan Production Corp.

3. ADDRESS OF OPERATOR

P.O. Box 420, Farmington, NM 87499 (505) 325-1821

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

At surface 790' FNL & 550' FEL (NE/4 NE/4)

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

30 045 28968

6/93

12. COUNTY OR PARISH

13. STATE

San Juan

NM

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

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

19. ELEV. CASINGHEAD

11-16-93

11-20-93

12-20-93

6758' GL (est)

6758'

20. TOTAL DEPTH, MD & TVD

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

22. IF MULTIPLE COWS, HOW MANY*

INTERVALS DRILLED

ROTARY TOOLS

CABLE TOOLS

4872'

4817'

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

4513-4729' (Gallup)

25. WAS DIRECTIONAL SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction Guard; Compensated Density; GR-CCL

OIL CON. DIV

DIST. 3

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"	24#	230'	12 1/4"	177 cf (150 sx class "B" + 2% CaCl ₂)	---
4-1/2"	10.5#	4877'	7-7/8"	1990 cf (1st stage w/250 sx 50/50/2	---
w/1/4# celloseal/sk (313 cf). 2nd stage w/725 sx 65/35/12 w/1/4# celloseal/sk & 50 sx					
50/50/2 w/1/4# celloseal/sk (1677 cf.)					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4715'	

31. PERFORATION RECORD (Interval, size and number)

4513, 15, 34, 35, 37, 38, 39, 40, 41, 50, 53, 54, 55, 56, 57, 66, 87, 97, 4639, 4706, 09, 19, 4724, 25, 26, 29 (all 1 JSPF), 4536, 4720, 21, 22, 23, 27, 28 (all 2 JSPF). Total 40 holes.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4513'- 4729'	95,000 gals slickwater
	87,400 lbs 20/40 sand
	1,300 gals 15% HCL

33.*

PRODUCTION

DATE FIRST PRODUCTION

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

WELL STATUS (Producing or shut-in)

12/20/93 *

swabbing

shut-in

DATE OF TEST

HOURS TESTED

CHOKE SIZE

PROD'N. FOR TEST PERIOD

OIL—BBL.

GAS—MCF.

WATER—BBL.

GAS-OIL RATIO

12/20/93

10

30

18

**90

600

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED 24-HOUR RATE

OIL—BBL.

GAS—MCF.

WATER—BBL.

OIL GRAVITY-API (CORR.)

190

72

43

216**

40°

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

Vented while testing - to be sold.

TEST WITNESSED BY

Brown

35. LIST OF ATTACHMENTS

*1st new oil to tank. **All 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

Vice-President

DATE

JAN 19 1994

*(See Instructions and Spaces for Additional Data on Reverse Side) FARMINGTON DISTRICT OFFICE

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to a department or agency of the United States or to any matter within its jurisdiction.

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	MEAS. DEPTH	TOP TRUE VERT. DEPTH
					Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Chacra Cliff House Menefee Point Lookout Mancos Gallup	305' 410' 820' 1115' 1240' 1450' 1870' 2420' 3515' 3700' 4510'	