

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.

SF-078860

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Largo Federal B #91

9. API Well No.

30 045 31407

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Unit I

Sec. 24, T24N, R9W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

1.a. TYPE OF WELL:

OIL WELL ☐GAS WELL ☐

OTHER Coalbed Methane

b. TYPE OF COMPLETION:

NEW Well ☒WORK OVER ☐DEEP-EN ☐PLUG BACK ☐DIFF. CENTR. ☐OTHER ☐

2. Name of Operator

Dugan Production Corp.

3. Address and Telephone No.

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 1850' FSL & 950' FEL (NE/4 SE/4)

At top prod. interval reported below

same

At total depth

same

15. DATE SPUDDED

05/19/03

16. DATE T.D. REACHED

5/22/2003

17. DATE COMPL.

(Ready to prod.)

7/16/2003

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

6875' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

1920'

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

1870'

22. IF MULTIPLE COMPL.,

HOW MANY*

23. INTERVALS

DRILLED BY

ROTARY TOOLS

CABLE TOOLS

TD

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

1764'-1776' (Fruitland Coal)

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCL/CNL

27. WAS WELL CORED

no

28

CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
7"	23#	125'	8-3/4"	50 sx Class "B" w/2% CaCl ₂ & 1/4# celloflake/sx	
4-1/2"	10.5#	1913'	6-1/4"	120 sx 2% Lodense w/1/4# celloflake/sx. Tail w/75 sx Class "B" w/1/4# celloflake/sx. Total 334 cu ft.	

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SBT (MD)
					2-3/8"	1822'	NA

31. PERFORATION RECORD (Interval, size and number)

1764'-1776' w/4 spf (total 44 holes)

32

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1764'-1776'	500 gals 15% HCL; 53,750# 20/40 sand in
	37,500 gals cross-linked gelled water

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)					WELL STATUS (Producing or shut in)	
N/A		swabbing					shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - MCF.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO	
7/18/2003	24	2"	→	0	20 (est)	28	N/A	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24 - HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)		
0	10	→	0	20 (est)	28	N/A		

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

vented - to be sold

TEST WITNESSES

35. LIST OF ATTACHMENTS

AUG 05 2003

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

SIGNED

John Alexander

Title Vice-President

Date

FARMINGTON FIELD OFFICE
7/29/2003

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

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

NMOCB

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 on 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
				Ojo Alamo	1040'	
				Kirtland	1135'	
				Fruitland	1432'	
				Pictured Cliffs	1782'	
				Total Depth	1920'	

12-20-71