

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(Form to be filled in
duplicate on
reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 23, 1995

5. LEASE DESIGNATION AND SERIAL NO.

SF 078091

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Patriot #90

9. API WELL NO.

30 045 29511

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

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

Unit N

Sec. 27, T26N, R13W

12. COUNTY OR
PARISH

San Juan

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ NAT ☐ Other _____

2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ FILL BACK ☐ REPERFORATE ☐ Other _____

3. NAME OF OPERATOR

Dugan Production Corp.

4. ADDRESS AND TELEPHONE NO.

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

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

At surface 790' FSL & 1850' FWL (SE/4 SW/4)

At top prod. interval reported below same

At total depth same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

2/2/98

16. DATE T.D. REACHED

2/5/98

17. DATE COMPL. (Ready to prod.)

2/20/98

18. ELEVATIONS (OF, BKA, RT, GR, ETC.)*

6242' GL (est)

19. ELEV. CASINGHEAD

6242'

20. TOTAL DEPTH, MD & TVD

1420'

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

1380'

22. IF MULTIPLE COMPL.,
HOW MANY*

23. INTERVALS
DRILLED BY

ROTARY TOOLS

T.D.

CABLE TOOLS

0

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

1240-1274' (Fruitland Coal)

25. WAS DIRECTIONAL
SURVEY MADE

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 FULLED
7"	20#	120'	9-7/8"	see back for detail	none
4 1/2"	10.5#	1416'	6 1/4"		none

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	HOLES CEMENT*	DEPTH (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
1 1/4"	1241'	n/a

31. PERFORATION RECORD (Interval, size and number)

1240-58' 0.38 4 jsp
1268-74' 0.38 4 jsp

OIL CON. DIV.
DIST. 3

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1240-1274'	1000 gals 15% HCL, 50,600 gals foam, 72,000# sand, 430,000 SCF/N2

32. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—else and type of pump)				WELL STATUS (Producing or shut-in)	
2/20/98		flowing				shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2/20/98	24	5/8"	→	0	150	0	n/a
FLOW, FORMING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (COR.)	
8 psi	120	→	0	150	0	n/a	

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

vented - to be sold

35. LIST OF ATTACHMENTS

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

FARMINGTON DISTRICT OFFICE

BY

DATE 2/25/98

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Drill to 1420'. Run 4-1/2" 10.5# & 9.5# casing to 1416'. Cement with 223 cu. ft. 2% Lodense with 1/4# celloflake/sx. Tail with 71 cu. ft. class "G" with 1/4# celloflake/sx. Circulated 7 bbls. cement. Total cement 294 cu. ft. slurry. Job complete 2/5/98. Spud 9-1/8" hole 2/2/98. Set 7" 23# K-55 casing at 120'. Cement with 59 cu. ft. class "G" with 2% CaCl2. Circulated 2 bbls. cement to surface. Pressure test to 600# - held ok. Job complete 2/2/98.			

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	less than 30'	
Kirtland	144'	
Fruitland	930'	
Pictured Cliffs	1286'	
Total Depth	1420'	