

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

3. 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 #92

9. API WELL NO.

30 045 29512

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

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

Unit B

Sec. 28, T26N, R13W

12. COUNTY OR
PARISH

San Juan

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ MT ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ REPER-
CY ☐ PLUG BACK ☐ DIFF. ☐ Other ☐

2. NAME OF OPERATOR

Dugan Production Corp.

3. ADDRESS AND TELEPHONE NO.

P. O. Box 420, Farmington, NM 87499-0420

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

At surface 790' FNL & 1980' FEL (NW/4 NE/4)

At top prod. interval reported below same

At total depth same

14. PERMIT NO.

AUG 7 1998

OIL CON. DIV.
DIST. 3

DATE ISSUED

DIST. 3

15. DATE SPUDDED 3/27/98 16. DATE T.D. REACHED 4/1/98 17. DATE COMPL. (Ready to prod.) 7/28/98 18. ELEVATIONS (DP, RAB, RT, GR, ETC.)* 6270' GL 19. ELEV. CASINGHEAD 6270'

20. TOTAL DEPTH, MD & TVD 1470' 21. PLUG BACK T.D., MD & TVD 1440' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY TD 24. WAS DIRECTIONAL SURVEY MADE no

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

1300'-1344' Basin Fruitland Coal

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CNL-CCL

27. WAS WELL CORRED

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"	26#	120'	9-1/8"	see back for details	---
4-1/2"	10.01#	1470'	6-1/8"		---

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	1352'	NA

31. PREPARATION RECORD (Interval, size and number)

1326'-1344', 1300'-1314' (120 holes) 4 jsp

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1300'-1344'	50,650 gals 700 crosslink foam & 81,000# 20/40 sand, 382,000 SCF/N2

33. PRODUCTION

DATE FIRST PRODUCTION 7/28/98		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing - capable of economic production				WELL STATUS (Producing or shut-in) shut in	
DATE OF TEST	HOURS TESTED 24	CHOKE SIZE 1/4	PROD'N. FOR TEST PERIOD →	OIL—BSL.	GAS—MCF.	WATER—BSL. 5	GAS-OIL RATIO
FLOW, TUBING PRESS. 165	CASING PRESSURE 165	CALCULATED 24-HOUR RATE →	OIL—BSL.	GAS—MCF. 150	WATER—BSL.	OIL GRAVITY-API (CORR.) 60.0	

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

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 DATE July 30, 1998

*(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.
Spud 9-1/8" hole @ 1000 3/27/98. Run with 58 cu. ft. class "G" w/2% CaCl. Pressure test casing BOP 600# - OK.			7" 26# K-55 casing, set @ 120'. Cement Circulated 1 bbl cement to surface.
Drill to 1470' TD. Run Cement w/225 cu. ft. 2% dense & 1/4" cell of flake/sx. "G" & 1/4# cell of flake/sx. Circulated 4/1/98.			4-1/2" 10.01# Limited Service casing. Land @ 1470'. Circulated 5 bbls cement to surface. Job complete

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	140'	
Kirtland	232'	
Fruitland	1000'	
Pictured Cliffs	1346'	
Total Depth	1480'	