

(Other instructions on
reverse side)

Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1.a. TYPE OF WELL:

OIL
WELL ☐GAS
WELL ☒OTHER: ☐ DRY ☐ JUL 21 2005 ☐ 11 27

b. TYPE OF COMPLETION:

NEW ☐
Well ☒WORK
OVER ☐DEEP-
EN ☐PLUG
BACK ☐DIFF. ☐
CENTR. ☐RECEIVED
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 790' FSL & 790' FEL (SE/4 SE/4)

At top prod. interval reported below same

At total depth same

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 #1S

9. API Well No.

30-045-32029

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

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

Unit P

Sec. 29, T26N, R13W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

15. DATE SPUDDED

01/03/2005

16. DATE T.D. REACHED

01/06/2005

17. DATE COMPL. (Ready to prod.)

02/15/2005

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

6354' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

1580'

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

1529'

22. IF MULTIPLE COMPL.
HOW MANY*23. INTERVALS
DRILLED BY

TD

ROTARY TOOLS

CABLE TOOLS

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

1340'-1420' (Fruitland Coal)

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" J-55	23#	136'	8-3/4"	60 sx Class "B" neat w/2% CaCl2 w/1/4# celloflake/sx	
4-1/2" J-55	10.5#	1573'	6-1/4"	95 sx 2% Lodense w/3# Gilonite/sx. Tail w/60 sx	
				Class "B" neat w/1/4# celloflake/sx (265 cu ft total)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SBT (MD)
					2-3/8"	1464'	

31. PERFORATION RECORD (Interval, size and number)

1340'-1354'; 1366'-1373' & 1412'-1420' w/4 spf
(total 116 holes, DP charges)

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

1340'-1420'	700 gal. 15% HCL; 95,300# Brady sand;
	23,060# Resin coated sand; 26,273 gals
	AquaSafe X-20 gel.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)					WELL STATUS (Producing or shut in)	
N/A		flowing					shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.		GAS - OIL RATIO
02/16/2005	24	2"	—————→	0	40 (est)	5		N/A
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24 - HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)		
5	180	—————→	0	40 (est)	5	N/A		

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

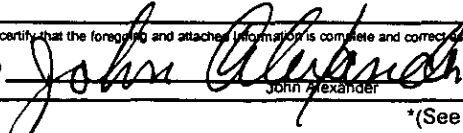
vented - to be sold

TEST WITNESSED BY

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

Date

JUL 22 2005
FARMINGTON FIELD OFFICE
BY  07/22/2005

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

NMCCD

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo	40'	
				Kirtland	134'	
				Fruitland	1034'	
				Pictured Cliffs	1422'	
				TOTAL DEPTH	1580'	