

(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\*

5 LEASE DESIGNATION AND SERIAL NO  
SF078897

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7 UNIT AGREEMENT NAME

8 FARM OR LEASE NAME, WELL NO  
Needs CA

Western Federal Com #90S

9 API Well No  
30-045-33904-005110 FIELD AND POOL, OR WILDCAT  
Basin Fruitland Coal11 SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA  
Unit O  
Sec. 7, T26N, R11W12. COUNTY OR PARISH  
San Juan  
13 STATE  
NM

1 a TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒DRY ☐

OTHER

b TYPE OF COMPLETION

NEW  
Well ☒WORK  
OVER ☐DEEP-  
EN ☐PLUG  
BACK ☐DIFF  
CENTRAL ☐

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 905' FSL &amp; 1385' FEL (SW/4 SE/4)

At top prod. Interval reported below same

At total depth same

14 PERMIT NO

DATE ISSUED

15 DATE SPUDDED

5/12/2008

16 DATE T.D. REACHED

5/16/2008

17 DATE COMPL (Ready to prod.)

12/11/2008

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

6106' GL

19 ELEV CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

1580'

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

1527'

22 IF MULTIPLE COMPL.,

HOW MANY\*

23 INTERVALS

DRILLED BY

ROTARY TOOLS

TD

CABLE TOOLS

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

1224'-1383' (Fruitland Coal)

26 TYPE ELECTRIC AND OTHER LOGS RUN

GR-CNL-CCL

25 WAS DIRECTIONAL SURVEY MADE

DIST. 3

no

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
8-5/8" J-55	24#	127'	12-1/4"	85 sx Type 5 cement w/2% CaCl <sub>2</sub> & 1/4# celloflake/sx	
5-1/2" J-55	15.5#	1430'	7"	90 sx Type 5 cement w/2% Lodense, 2# PhenoSeal & 1/4# celloflake/sx.	
		1567'		Tail w/50 sx Type 5 cement w/2# PhenoSeal & 1/4# celloflake/sx (250 cu ft)	

29

## LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SBT (MD)
					2-3/8"	1454'	N/A

## 30 TUBING RECORD

31 PERFORATION RECORD (Interval, size and number)

1224'-28'; 1231'-36'; 1312'-28' & 1366'-83' w/4 spf  
(total 42', 168 holes)

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)

1224'-1383'

AMOUNT AND KIND OF MATERIAL USED

105,000# 20/40 sand; 65,100 gals fluid

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
12/11/2008	24	2"		0	15	25	
FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24 - HOUR RATE	OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY - API (CORR)	
2	25		0	15	25		

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

Title

Vice-President

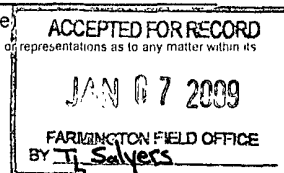
Date

12/12/2008

\*(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

NMOC



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	293'	
				Kirtland	385'	
				Fruitland	1080'	
				Pictured Cliffs	1388'	
				TOTAL DEPTH	1580'	