Form 3160-4
(July 1992)

SUBMIT IN DUPLICATE: (Other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
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.: NM 100302

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME, WELL NO.: Merry Chase #90

1.a. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] DRY [ ] OTHER

b. TYPE OF COMPLETION: NEW Well [X] 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

9. API Well No.: 30 045 29650

10. FIELD AND POOL , OR WILDCAT: Basin Fruitland Coal

4. 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

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Unit N, Sec. 10, T24N, R9W

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OIL CON. DIV.
DIST. 3

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
		San Juan	NM

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
9-14-98	9-17-98	10-4-98	6708' GR	6710'

20. TOTAL DEPTH, MD & TVD	21. PLUG BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
1800'	1742'		→	TD	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*: 1675'-1685' (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 PULLED
7"	23#	120'	9-1/8"	59 cu. ft. sx class "G" w/2% CaCl2	None
4-1/2"	10.5#	1777'	6-1/4"	287 cu. ft. sx 2% Lodense & 70 cu. ft.	
				class "G" (total 357 cu. ft)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	1726'	

31. PERFORATION RECORD (Interval, size and number)

1675'-1685' w/4 spf (total 40 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1675'-1685'	500 gals 15% HCL; 26,900 gals 20# crosslink foam;
	33,000# 20/40 sand; 233,500 SCF/N2

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)	WELL STATUS (Producing or shut in)
	flowing	shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL - MCF.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
10-4-98	24 hours	3/8"		capable of production			-----

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24 - HOUR RATE →	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)
	390		-----	75		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Vented, to be sold

TEST WITNESSED BY:

35. LIST OF ATTACHMENTS

ACCEPTED FOR RECORD

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

SIGNED John Alexander (John Alexander) Title Vice-President Date 10/8/98

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*(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.

FARMINGTON DISTRICT OFFICE
BY

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.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	892'	
Kirtland	1000'	
Fruitland	1387'	
Pictured Cliffs	1690'	
TD	1800'	