

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 ☒	DRY ☐	OTHER ☐										
b. TYPE OF COMPLETION:		NEW ☐	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. CENTR. ☐	OTHER ☐								
2. Name of Operator Dugan Production Corp.						5. LEASE DESIGNATION AND SERIAL NO. NM-37910									
3. Address and Telephone No. P.O. Box 420, Farmington, NM 87499 (505) 325-1821						6. IF INDIAN, ALLOTTEE OR TRIBE NAME									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2320' FNL & 1850' FEL (SW/4 NE/4) At top prod. interval reported below same At total depth same						7. UNIT AGREEMENT NAME									
14. PERMIT NO.						DATE ISSUED									
15. DATE SPUDDED 11/12/2002						16. DATE T.D. REACHED 11/15/2002	17. DATE COMPL. (Ready to prod.) 12/18/2002	18. ELEVATIONS (OF, RKB, RT, GR, ETC.) 5995' GL	19. ELEV. CASINGHEAD						
20. TOTAL DEPTH, MD & TVD 1440'		21. PLUG BACK T.D., MD & TVD 1379'		22. IF MULTIPLE COMPL., HOW MANY		23. INTERVALS DRILLED BY TD		24. WAS DIRECTIONAL SURVEY MADE no							
25. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) 1207'-1280' (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"		23#		120'		8-3/4"		65 sx Class "B" neat w/3% CaCl2 & 1/4# celloflke/sx							
4-1/2"		10.5#		1434'		6-1/4"		65 sx 3% Lodense & 60 sx Class "B" neat.							
								253 cu ft total slurry							
29. LINER RECORD						30. TUBING RECORD									
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SBT (MD)	
										2-3/8"		1321			
31. PERFORATION RECORD (Interval, size and number) 1207'-1214'; 1230'-1235'; 1265'-1280' w/4 spf (total 128 holes)						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.									
						DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED							
						1207'-1280'		400 gallons 10% formic acid; 71,000# 20/40							
								Brady sand; 30,000# resin coated 20/40 in crosslinked gel							
33. PRODUCTION						34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented - to be sold									
DATE FIRST PRODUCTION N/A		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing						WELL STATUS (Producing or shut in) shut-in							
DATE OF TEST 12/23/2002		HOURS TESTED 24 hrs		CHOKE SIZE 1/2"		PROD'N FOR TEST PERIOD 0		OIL - BBL. 165		GAS - MCF. 105		WATER - BBL. N/A		GAS - OIL RATIO N/A	
FLOW. TUBING PRESS. N/A		CASING PRESSURE 200		CALCULATED 24 - HOUR RATE 0		OIL - BBL. 165		GAS - MCF. 105		WATER - BBL. N/A		OIL GRAVITY - API (CORR.) N/A			
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 <u>John Alexander</u> Title <u>Vice-President</u>						Date <u>FEB 04 2003</u> <u>FARMINGTON FIELD OFFICE</u>									

*(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.

NMOCD

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	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
				Ojo Alamo	162'		
				Kirtland	240'		
				Fruitland	920'		
				Pictured Cliffs	1282'		
				TOTAL DEPTH	1440'		