Form 3160-4 OMB NO. 1004-0137 SUBMIT IN DUPLICATE: (July 1992) February 28, 1995 (Other instructions or UNITED STATES DEPARTMENT OF THE INTERIOR S. LEASE DESIGNATION AND SERIAL NO. reverse side) SF 078110 BUREAU OF LAND MANAGEMENT WELL COMPLETION OR RECOMPLETION REPORT AND LOG* 6. IF INDIAN, ALLOTTEE OR TRIBE NAME OIL GAS 1.a. TYPE OF WELL: OTHER 1: 75 7. UNIT AGREEMENT NAME WELL WELL b. TYPE OF COMPLETION: B. FARM OR LEASE NAME, WELL NO. PLUG DIFF DEEP WORK NEW CENTR BACK OVER ĖΝ Well Federal I#99 . API Well No. Dugan Production Corp. 30 045 29989 3. Address and Telephone No. (505) 325 - 1824 10. FIELD AND POOL, OR WILDCAT P.O. Box 420, Farmington, NM 87499 Basin Fruitland Coal 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) 11. SEC., T., R., M., OR BLOCK AND SURVEY 1488' FNL & 1106' FEL (SE/4 NE/4) OR AREA Unit H same At top prod, interval reported below Section 3, T29N, R14W 14. PERMIT NO 12. COUNTY OR PARISH 13. STATE same At total depth San Juan NM 19. ELEV. CASINGHEAD 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) (Ready to prod.) 17. DATE COMPL 16. DATE T.D. REACHED 15. DATE SPUDDED 5468' 12/9/99 11/10/99 11/8/99 23. INTERVALS ROTARY TOOLS CABLE TOOLS 22. IF MULTIPLE COMPL, 21. PLUG BACK T.D., MD & TVD 20. TOTAL DEPTH, MD & TVD DRILLED BY HOW MANY 1125' 25, WAS DIRECTIONAL SURVEY MADE 24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* no 882' - 1024' (Fruitland Coal) 27. WAS WELL CORED 26. TYPE ELECTRIC AND OTHER LOGS RUN no GR-CCL-CNL CASING RECORD (Report all strings set in well) AMOUNT PULLED TOP OF CEMENT, CEMENTING RECORD HOLE SIZE CASING SIZE/GRADE WEIGHT, LB./FT. DEPTH SET (MD) 59 cuft class "8" containing 1/4# celloflake/sx 9-1/8" 20# 127 7' 60 sx 2% Lodense w/1/4# celloflake. Tail w/70 sx 6-1/4" 1165 10.01# 4-1/2" class "B" neat w/1/4# celloflake Total 204 cu ft. TUBING RECORD LINER RECORD PACKER SBT (MD) DEPTH SET (MD) SCREEN (MD) SIZE SACKS CEMENT* BOTTOM (MD) TOP (MD) SIZE 2-3/8" 1020' INA ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 31. PERFORATION RECORD (Interval, size and number) AMOUNT AND KIND OF MATERIAL USED DEPTH INTERVAL (MD) 40,400 gals 70Q foam; 61,100# 20/40 882'-1024' 882'-88', 944'-46', 950'-55' w/1 spf (total 16 holes); sand; 230,000 SCF N2; 675 gals 15% 1003'-10', 1016'-24' w/4 spf (total 60 holes) HCL. PRODUCTION WELL STATUS (Producing or shut in) PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) DATE FIRST PRODUCTION shut-in capable of production 12/9/99 GAS - OIL RATIO GAS - MCF. WATER - BBI OIL - MCF ROD'N FOR HOKE SIZE TEST PERIOD 12/9/99 OIL GRAVITY - API (CORR.) WATER - BBL GAS - MCF. CALCULATED OIL - BBL CASING PRESSURE

DATE OF TEST FLOW. TUBING PRESS. 24 - HOUR RATE 260 260 TEST WITNESSED BY 34. DISPOSITION OF GAS vented - to be sold

35. LIST OF ATTACHMENTS

SIGNED

TOPPED FOR RECORL Date 12/14/99 Title Vice-president

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

junsdiction.

FARMINE OF CIELD OFFICE

50	FORMATION TOP			
	eu i c	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH
			Kirtland Fruitland	surface 711'
			Pictured Cliffs	1026'
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