

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Form approved,
Budget Bureau No. 1004-0137
Expires August 31, 1985

(See other instructions on reverse side)
RECEIVED
PLM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. SF 078499
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Morgan Richardson Operating Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 1915 Farmington, NM 87499		8. FARM OR LEASE NAME Federal 13-22
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 900' FNL, 2310' FEL At top prod. interval reported below At total depth Same		9. WELL NO. #1
14. PERMIT NO. 30-045-28342		10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal
DATE ISSUED 10/19/90		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA 22, T28N, R8W NMPM
15. DATE STARTED 11/19/90	16. DATE T.D. REACHED 12/06/90	12. COUNTY OR PARISH San Juan
17. DATE COMPL. (Ready to prod.) 1/25/91	18. ELEVATIONS (DF, RKB, RT, GE, ETC.) 6374' GR	13. STATE NM
20. TOTAL DEPTH, MD & TVD 2985'	21. PLUG BACK T.D., MD & TVD 2941'	19. ELEV. CASINGHEAD
22. IF MULTIPLE COMPL., HOW MANY?		23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2706' - 2804' Fruitland Coal		25. WAS DIRECTIONAL SURVEY MADE Yes
26. TYPE ELECTRIC AND OTHER LOGS RUN Cased Hole Compensated Neutron, Gamma Ray, CCL		27. WAS WELL CORDED No

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OIL CON. DIV.
DIST. 3

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	20	258'	12 1/4"	250 sx (295 cf) Class B	
4 1/2"	10.5	2985'	6 1/4"	400 sx (1145 cf) Class B	

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"	2802'	

31. PERFORATION RECORD (Interval, size and number)

2706-2722, 2734-2744, 2750-2760,
and 2788-2804 total of 104 0.5" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2706-2804	40,028 gal 70Q foam
	15,000# 40/70 sand
	265,000# 12/20 sand

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in) WO Pipeline	
DATE OF TEST 2/28/91	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF	WATER—BBL.	OIL GRAVITY-API (CORR.)	
132	140						

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

Vented

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 Dana Delenuthal

TITLE Agent

DATE 3/11/91

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

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.

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, cushion used, time tool open, flowing and shut-in pressures, and recoveries):					38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Fruitland	2566'	2824'					
Pictured Cliffs	2824'	TD					