

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

RECEIVED
BLM

5. LEASE DESIGNATION AND SERIAL NO.

SF 078499

6. INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other SL JAN 29 PM 3:00

UNIT AGREEMENT NAME

b. TYPE OF COMPLETION:
NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other 019 FARMINGTON,

FARM OR LEASE NAME

Federal 31-15

2. NAME OF OPERATOR
Morgan Richardson Operating Company

9. WELL NO.

#2

3. ADDRESS OF OPERATOR
P. O. Box 1915 Farmington, NM 87499

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 1610' FSL, 1190' FWL

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA

15, T28N, R8W NMPM

At top prod. interval reported below

At total depth Same

14. PERMIT NO. 10-045-28144 DATE ISSUED 8/10/90

12. COUNTY OR PARISH San Juan 13. STATE NM

15. DATE SPUDDED 11/06/90 16. DATE T.D. REACHED 11/14/90 17. DATE COMPL. (Ready to prod.) 12/13/90 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5844' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 2450' 21. PLUG. BACK T.D., MD & TVD 2405' 22. IF MULTIPLE COMPL., HOW MANY* → 23. INTERVALS DRILLED BY → ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION TOP, BOTTOM, NAME (MD AND TVD)*
2106'-2268' 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 CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT FULLED
8 5/8"	20	265'	12 1/4"	235 sx (277 cf) Class B	
4 1/2"	10.5	2450'	8 1/4"	325 sx (854 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"	2229'	

31. PERFORATION RECORD (Interval, size and number)

2106-2110, 2130-2138, 2172-2188, 2196-2202, 2212-2216, and 2250-2268

Total of 112 0.5" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<u>2106-2268</u>	<u>119,475 gal 70.0 foam</u>
	<u>15,000# 40/70 sand</u>
	<u>265,000# 12/20 sand</u>

33. PRODUCTION

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

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
<u>1/26/91</u>	<u>24</u>	<u>0.375"</u>	<u>→</u>		<u>119</u>		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
<u>220 psig.</u>	<u>250 psig.</u>	<u>→</u>		<u>119</u>		ACCEPTED FOR RECORD	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented TEST WITNESSED BY FEB 07 1991

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 Delventhal TITLE Agent DATE 1/28/91

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; corrd 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. DEPT.
Pictured Cliffs	2045'	2276' TD				

U.S. GEOLOGICAL SURVEY
 WATER RESOURCES DIVISION
 WASHINGTON, D.C. 20540