

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

WELL COMPLETION OR RECOMPLETION REPORT-AND LOG*

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐		2. NAME OF OPERATOR Morgan Richardson Operating Company	
3. ADDRESS OF OPERATOR P. O. Box 1915 Farmington, NM 87409		4. LOCATION OF WELL (Report location clearly and in accordance with State requirements) At surface 1640' FSL, 1280' FWL At top prod. interval reported below At total depth Same	
5. LEASE DESIGNATION AND SERIAL NO. SF 078329		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME Federal 31-32	
9. WELL NO. #2		10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 32, T28N, R9W NMPM		12. COUNTY OR PARISH San Juan	
13. STATE NM		14. PERMIT NO. 30-045-28474	
15. DATE SPUDDED 12/19/90		16. DATE T.D. REACHED 12/30/90	
17. DATE COMPL. (Ready to prod.) 2/11/91		18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 6103' GR	
19. ELEV. CASINGHEAD 5' 5"		20. TOTAL DEPTH, MD & TVD 2278'	
21. PLUG, BACK T.D., MD & TVD 2233'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY ROTARY TOOLS X		24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME, MD AND TVD)* 2046-2160' 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 (Port all strings set in well)	
CASING SIZE 8 5/8" 4 1/2"		WEIGHT, LB./FT. 20 10.5	
DEPTH SET (MD) 208' 2278'		CEMENTING RECORD	
12 1/4" 6 1/4"		275 sx (325 cf) Class B 400 sx (1145 cf) Class B	
29. LINER RECORD		30. TUBING RECORD	
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT		SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD)	
2 3/8" 2170'		31. PERFORATION RECORD (Interval, size and number) 2046-2098 and 2140-2160 total of 144 0.5" holes	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		33. PRODUCTION	
DEPTH INTERVAL (MD) 2046-2160		AMOUNT AND KIND OF MATERIAL USED 38,750 gal fluid 15,000# 40/70 265,000# 12/20	
DATE FIRST PRODUCTION 3/21/91		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Waiting on Pipeline	
HOURS TESTED 24		WELL STATUS (Producing or shut-in) Waiting on Pipeline	
CHOKE SIZE 0.375"		OIL--BHL. 325	
PROD'N. FOR TEST PERIOD 190		WATER--BHL. 325	
FLOW. TUBING PRESS. 200		OIL GRAVITY-API (CORR.)	
CASINO PRESSURE 200		OIL--BHL. 325	
CALCULATED 24-HOUR RATE 190		WATER--BHL. 325	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented		TEST WITNESSED BY Russell Elliott	
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 BX	
DATE 3/25/91		DATE 3/25/91	

*(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.

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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Fruitland	1878'	2162'				
Pictured Cliffs	2162'	TD				

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT III
1000 Rio Drazos Rd., Aztec, NM 87410

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator RICHARDSON OPERATING COMPANY		Well API No. 30-045-28474
Address P.O. BOX 9808, DENVER, COLORADO 80209 Ph# (303) 698-9000		
Reason(s) for Filing (Check proper box) ☐ Other (Please explain)		
New Well ☐	Change in Transporter of:	
Recompletion ☐	Oil ☐ Dry Gas ☐	
Change in Operator ☒	Casinghead Gas ☐ Condensate ☐	
If change of operator give name and address of previous operator Morgan Richardson Operating Company, P.O. Box 9808, Denver, CO 80209		

II. DESCRIPTION OF WELL AND LEASE

Lease Name Federal 31-32	Well No. 2	Pool Name, Including Formation BASIN FRUITLAND COAL	Kind of Lease State, ☒ Federal ☐ Fee	Lease No. NMSF-078329
Location Unit Letter L : 1280 Feet From The W Line and 1640 Feet From The S Line Section 32 Township 28N Range 9W , NMPL , San Juan County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)					
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒	Address (Give address to which approved copy of this form is to be sent)					
EL PASO NATURAL GAS	P.O. Box 1492, El Paso, TX 79978					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected? Yes	When?

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.D.T.D.			
Elevations (D.F., RKB, RI, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this pool)			
Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift)	
Length of Test	Tubing Pressure	Casing Pressure	
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	
		MAR 8 1993	
		OIL CON. DIV.	
		DIST. 3	

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut in)	Casing Pressure (Shut in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Shelley L. Keene
Signature
Shelley L. Keene, Production Asst.
Printed Name
March 5, 1993 (303) 698-9000
Date Telephone No.

OIL CONSERVATION DIVISION

Date Approved **MAR 8 1993**

By *[Signature]*
Tittle **SUPERVISOR DISTRICT #3**

INSTRUCTIONS: This form is to be filed in compliance with Rule 1101

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.