

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

LEASE DESIGNATION AND SERIAL NO.

NM-87227

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Coop Area
Eagle Mesa Entrada

8. FARM OR LEASE NAME, WELL NO.

Federal 12 C 1H #1

9. API WELL NO.

FMU
30-043-20175

10. FIELD AND POOL, OR WILDCAT

Eagle Mesa Entrada

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

Sec. 12, T19N, R4W

12. COUNTY OR PARISH

Sandoval

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REMV. ☐ Other Re-entry Horizontal

2. NAME OF OPERATOR

Merrion Oil & Gas Corporation

3. ADDRESS AND TELEPHONE NO.

P. O. Box 840, Farmington, NM 87499 (505) 327-9801

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 460' FSL & 330' FWL (SWSW)

At top prod. interval reported below 228.4' fsl & 239' fwl (SWSW)

At total depth 196.4' fml & 42.8' fwl (NWNW), Section 13

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

Re-entry
11-10-94

16. DATE T.D. REACHED

11-23-94

17. DATE COMPL. (Ready to prod.)

12-21-94

18. ELEVATIONS (DF, RKB, RT, OR, ETC.)*

6698' GL; 6711' RKB

19. ELEV. CASINGHEAD

6400'

20. TOTAL DEPTH, MD & TVD

6078' MD; 5491' TVD

21. PLUG BACK T.D., MD & TVD

6078' MD; 5491' TVD

22. IF MULTIPLE COMPLETIONS, HOW MANY?

TVD

23. INTERVALS DRILLED BY

0-TD

ROTARY TOOLS

0-TD

CABLE TOOLS

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24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Entrada 5606' MD - 6078' MD

5475' TVD - 5491' TVD

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

None

27. WAS WELL CORRED

No

28. CASING RECORD (Report all casing sets in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
10-3/4", J-55	40.5#	207' KB	15"	Surface, 250 sxs, 295 cu. ft.	
7", J-55	23#	5724' KB	8-3/4"	1st Stge - 3850', est 242 sxs	
				2nd Stge - 3240', est 450 sxs	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					3-1/2" EUE	3049' KB	None

30. TUBING RECORD

31. PREPARATION RECORD (Interval, size and number)

None _ Open hole completion

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1675'-1878'	Sqz with 40 sx, 47 cu.ft.
2106'-2294'	Sqz with 60 sx, 71 cu.ft.

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
12-28-94		Subpump					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
1-02-95	24	---	79	79	---	2749	--	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
35 psi	35 psi	79	79	--	2749	32°		

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

None

TEST WITNESSED BY

Dave Morales

35. LIST OF ATTACHMENTS

Directional Surveys, Wellbore schematic

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Steven S. Dunn

TITLE

Operations Manager

DATE 1/16/95

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

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Entrada	5475'	5491'	Oil, Water

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	VERT. DEPTH
Lewis Shale	Surface	5475'
Cliff House	446'	
Point Lookout	2255'	
Mancos	2402'	
Gallup	3244'	
Greenhorn	4240'	
Dakota	4492'	
Morrison	4618'	
Entrada	5606'	5491'
Total Depth	6078'	

Merrion Oil & Gas Corporation

Wellbore Schematic

Federal 12C No. 1H

Location: 460' fsl & 330'fsl (sw sw)
 Sec 12, T19N, R04W
 Sandoval Co, New Mexico
 Date: November 29, 1994

Elevation: 6,698' GL
 6,711' RKB
 Prepared by: Steven S. Dunn

Horizontal Wellbore Configuration

