

Distribution: O+6 (BLM); 1-Land; 1-Accounting; 1-Well File
Form 3100-4
(July 1992)

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

5. LEASE DESIGNATION AND SERIAL NO.

SF-078931

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
SMITH COM No. 1E

9. API WELL NO.

30-045-30388

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec. 12, T29N, R13W

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other 2001 JUN 5

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other 070 FARMINGTON NM

2. NAME OF OPERATOR

Merrion Oil & Gas Corporation (014634)

3. ADDRESS AND TELEPHONE NO.

610 Reilly Avenue, Farmington, NM 87401 505.324.9801

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

At surface 720' fnl & 585' fel

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

3/14/01

16. DATE T.D. REACHED

3/20/01

17. DATE COMPL. (Ready to prod.)

5/18/01

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

5510' GR/5523' RKB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6300'

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

6261' KB

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-TD

CABLE TOOLS

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

Dakota: 5988'-6004' (3 spf) & 6048'-6114' (2 spf) & 6180'-6198' (1 spf)

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

DEN-NEUT, IND/GR and GR-CCL

27. WAS WELL CORED
No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8", K55	24#	325'	12-1/4"	260 sxs (307 cu.ft.)	
4-1/2", J55	10.5#	6304' KB	7-7/8"	920 sxs (1910 cu.ft.)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
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30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	6044' KB	---

31. PERFORATION RECORD (Interval, size and number)

Dakota: 5988'-6004' (3 spf - 48 holes);
6048'-6052', 6064'-6080', 6086'-6114'
(2 spf) and 6180', 6186', 6190', 6194',
and 6198' (1 spf) -Total 101 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5988'-6198'	Fracd w/175,000# 20/40 Super LC sand in 25# x-linked gel. Total fluid pumped 2392 bbls.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
5/23/01		Flowing					Shut-In	
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
PENDING TIE-IN			→					
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
--	1280psi (SIP)	→						

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

TEST WITNESSED BY

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 Steven S. Dunn TITLE Drlg & Prod Manager

DATE

6/04/01 2001

*(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 statement.

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
				Kirtland	180'	
				Fruitland	905'	
				Pictured Cliffs	1318'	
				Lewis	1545'	
				Cliffhouse	2875'	
				Menefee	3030'	
				Pt. Lookout	3770'	
				Mancos	4145'	
				Gallup	5115'	
				Greenhorn	5895'	
				Graneros	5965'	
				Dakota	6080'	