

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

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

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. REVR. Other _____

2. NAME OF OPERATOR
Merrion Oil & Gas Corporation

3. ADDRESS AND TELEPHONE NO.
610 Reilly Ave., Farmington, NM 87401-2634 (505) 327-9801

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):
At surface 1562' fnl & 886' fw1 (sw nw)
At top prod. interval reported below
At total depth

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.
NM98140

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____

7. UNIT AGREEMENT NAME _____

8. FARM OR LEASE NAME, WELL NO.
FiField Com No. 1E (22343)

9. APIWELLNO.
30-045-29517

10. FIELD AND POOL, OR WILDCAT
Otero Chacra (82329)

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 5, T29N, R11W

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

15. DATE SPUDDED 8-13-98 16. DATE T.D. REACHED 8-22-98 17. DATE COMPL. (Ready to prod.) 10-13-98 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5849' GR 19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD & TVD 6805' 21. PLUG BACK T.D., MD & TVD 6750' 22. IF MULTIPLE COMPL. HOW MANY* -- 23. INTERVALS DRILLED BY 0-TD ROTARY TOOLS CABLE TOOLS --

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Otero Chacra:
3516', 3490', 60', 3362', 88', 70', 11', 3189', 65', 64', 63', 49', 3092', 75', 61', 49', 18', 11', 2990', 08', 04', 2870', 14', 2800', 2789', 69', 49', 33', 2686', 60', 08', 2590', 72' (33 holes)

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
IES Induction, Comp. Neutron-Density, CMR, GR & CBL

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" | 24#, J55 | 267' KB | 12-1/4" | 200 sxs | |
| 5-1/2" | 15.5# | 6807' KB | 7-7/8" | 211 sxs (1st Stge); 657 sxs (2nd Stage); 473 sxs (3rd Stge). | |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | 30. TUBING RECORD |
|------|----------|-------------|---------------|-------------|---|
| -- | -- | -- | -- | -- | SIZE 2-3/8" DEPTH SET (MD) 6685' PACKER SET (MD) -- |

31. PERFORATION RECORD (Interval, size and number)
3516', 3490', 60', 3362', 88', 70', 11', 3189', 65', 64', 63', 49', 3092', 75', 61', 49', 18', 11', 2990', 08', 04', 2870', 14', 2800', 2789', 69', 49', 33', 2686', 60', 08', 2590', 72'. (33 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) 3516'-2572' AMOUNT AND KIND OF MATERIAL USED Fraced Lewis w/153,520# 20/40 AZ sd utilizing a 70 Q N₂ foam, Viking I-20 X-link gel system with 2% KCl water.

33. PRODUCTION

DATE FIRST PRODUCTION 10-8-98 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Waiting Tie-In

| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO |
|---------------------|-----------------|-------------------------|-------------------------|----------|------------|-------------------------|---------------|
| 10-8-98 | 8 | 1.25 | → | 0 | 42 | 0 | -- |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) | |
| 30 psi | 110 psi | → | 0 | 126 | 0 | -- | |

34. DISPOSITION OF GAS (Bold, used for fuel, vented, etc.)
Vented TEST WITNESSED BY [Signature] Roach

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 Drig & Prod Manager

ACCEPTED BY [Signature]
OCT 30 1998
FARMINGTON DISTRICT OFFICE
10/27/98

*(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, lime tool open, flowing and shut-in pressures, and recoveries):

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | TOP | |
|-----------|-------|--------|-----------------------------|------------------|-------------|------------------|
| | | | | | MEAS. DEPTH | TRUE VERT. DEPTH |
| Lewis | 2572' | 3516' | Gas and Water | Ojo Alamo | 730' | |
| | | | | Kirtland | 820' | |
| | | | | Fruitland | 1532' | |
| | | | | Pictured Cliffs | 2062' | |
| | | | | Lewis | 2172' | |
| | | | | Chacra | 3161' | |
| | | | | Cliffhouse | 3750' | |
| | | | | Menefee | 3787' | |
| | | | | Point Lookout | 4389' | |
| | | | | Mancos Shale | 4756' | |
| | | | | Gallup | 5642' | |
| | | | | Greenhorn | 6372' | |
| | | | | Graneros | 6482' | |
| | | | | Dakota | 6555' | |
| | | | | Burrrough Canyon | 6717' | |
| | | | | Total Depth | 6807' | |

38.

GEOLOGIC MARKERS