

Distribution: O+4 (BLM); 1-Accounting; 1- Land; 1-File

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
Oil ☐ Well Gas ☒ Well Other ☐

2. Name of Operator

Merrion Oil & Gas Corporation

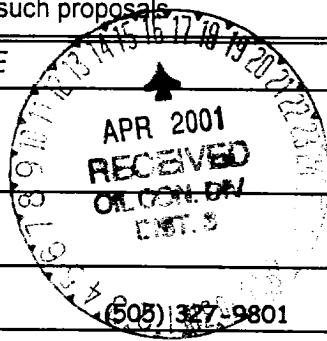
3. Address and Telephone No.

610 Reilly Avenue, Farmington, NM 87401-2634

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

720' fnl & 585' fel (ne ne)

Section 12, T29N, R13W



Lease Designation and Serial No.
SF-078931

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

CA 1408001-6749

8. Well Name and No.

Smith Com 1E

9. API Well No.

30-045-30388

10. Field and Pool, or Exploratory Area

Basin Dakota

11. County or Parish, State

San Juan County, New Mexico

12. CHECK APPROPRIATE BOX (s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other SPd, Csg & TD Rpts

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Completion or Recompletion Report and Log form.)

13. Describe Proposed or completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

3/13/01 MIRU Aztec Well Service Rig No. 124 at 3:00 PM 3/13/01. Install sound abatement panels and flex hose on mufflers. Mix spud mud. Changed out torque converter on rig. Drill rat and mouse hole at 2:00 AM 3/14/01. Spud 12-1/4" surface hole at 2:30 AM 3/14/01 with bit #1. Drill to 70' and change out bits. Drilling ahead with bit #2.

3/14/01 Drilled to 197' with bit #2 (12-1/4", SEC, FDS). TOH and change out bits. TD 12-1/4" with bit #3 (12-1/4", HTC, MX09) at 345'. Circulate hole clean. Drop survey and TOH. RU casing crew and run 7 jts (310.99') of 8-5/8", K-55, ST&C casing and land at 325' KB. RU American Energy Services. Precede cement with 20 bbls of fresh water. Mix and pump 260 sx (307 cu.ft.) of Class "H" cement with 2% CaCl₂. Displace cement with 18.5 bbls of water. PD at 1345 hrs 3/14/01. Circulate out 13 bbls of cement to surface. WOC. NU BOP, choke manifold and related surface equipment. RU Wilson Service and pressure test BOP, choke manifold, kelly cock, floor valve and related equipment. Cement job and pressure test witnessed by Ron Snow with BLM. TIH with bit #4 (7-7/8", HCT, GTS09C). SD and repair rotary shaft. Tag up on cement at 285'. Break circulation with water and polymer and start drilling cement. Drilling cement at report time.

*** CONTINUED OTHER SIDE ***

14. I hereby certify that the foregoing is true and correct

Signed Steven S. Dunn

Title Drig & Prod Manager

Date 3/28/01

(This space for Federal or State office use)

Approved By

Title

Date

Conditions of approval, if any:

APPROVED FOR
3/28/01 13 2001
FARMINGTON FIELD OFFICE
BY

3/15/01 Drilling ahead w/ bit #4 (7-7/8", HTC, GTS09C) and water and polymer. ROP approx. 75 fph.

3/16/01 Drilling ahead with bit #4 (7-7/8", HTC, GTS09C) and water and polymer. Well making gas (not enough to try to kill).

3/17/01 Drilling ahead with bit #4 (7-7/8", HTC, GTS09C) and water and polymer. ROP approx. 40 fph.

3/18/01 Drilling ahead w/ bit #4 (7-7/8", HTC, GTS09C) and water and polymer. ROP approx. 45 fph.

3/19/01 Started mud up at 6030'. Hit Dakota top at 6057'. Finished mud up. Circulate and condition hole. TOH. Inserts on bit gone. Call for junk basket. TIH with bit #4 (7-7/8", HTC, HR38CH). Ream 70' back to bottom. Fan bit on bottom to "work up" inserts. Drilling ahead at report time at approx. 7 fph (hold wt and RPM's back until approx. 90' into Dakota).

3/20/01 TD well at 6300' with bit #5 (7-7/8", HTC, HR38CH). Circulate and condition hole. Short trip 10 stands (no tight spots - no fill). Circulating on bottom at report time.

3/21/01 Circulate and condition hole. TOH for logs. RU Halliburton and run DEN/NEUT & IND/GR logs. Loggers TD: 6304'. RD Halliburton. TIH, circulate and condition hole. LD DP and DC's. RU casing crew and run 155 js (6289.34') of 4-1/2", 10.5#, J-55, ST&C casing. Circulate casing to bottom. Land bottom of casing at 6304' KB, float collar at 6261' KB, DV tool at 4241' KB. Circulating casing on bottom at report time and RU BJ Services Cementers.

3/22/01 Circulate and condition hole with casing on bottom. Finish RU BJ Services. Precede cement with 20 bbls of water. Cement with 250 sx (505 cu.ft.) Type III, 65/35 poz with 6% gel, 2% SMS, 0.4% FL-52, 3% KCl, 7#/sk CSE and 1/4#/sk of celloflake. Displace plug with 40 bbls of water and 59.6 bbls of mud. Bump plug to 1000 psi - float held OK. PD at 0830 hrs 3/22/01. Drop dart, wait 20 minutes and open DV tool with 790 psi. Circulate mud with rig pump for 4 hrs. Did not circulate any cement to surface. Precede 2nd stage with 20 bbls of water. Lead with 470 sx (1001 cu.ft.) of Type III 65/35 poz with 3% gel, 5#/sk LCM (Gillsonite), 3% CaCl2, 0.4% FL-52, 0.4% SMS and 1/4#/sk celloflake. Tail with 200 sx (404 cu.ft.) Type III, 65/35 poz with 6% gel, 2% SMS, 0.4% FL-52, 3% KCl, 7#/sk CSE and 1/4#/sk of celloflake. Displace plug with 67.4 bbls of water, PD at 1345 hrs 3/22/01. Bump plug to 1650 psi. Float held OK. Good circulation throughout job did not circulate cement to surface. Job witnessed by R. Snow with BLM. ND BOP and set slips with 60,000#. Cut off casing. RD rig and ready equipment to move. Dry watch rig overnight. WOCT.