

Distribution: O+4 (BLM); 1-Accounting; 1-Crystal; 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 (14634)

3. Address and Telephone No.

610 Reilly Avenue, Farmington, NM 87401-2634 (505) 327-9801

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

1900' fnl & 1050' fel (SENE)

H Section 35, T27N, R12W

5. Lease Designation and Serial No.

NOO-C-14-20-7472

6. If Indian, Allottee or Tribe Name

Navajo Allotted

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Da On Pah No. 1

9. API Well No.

30-045-23692

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

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

☐ 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.)*

1/5/98 to 1/11/98

RU JC Well Service 1/5/98. Dig out WH, dig flow back pit. Hauled in 2-3/8" tbg. RU BOPs. TIH, tag fill @ 1322' KB. TOH with 2-3/8" tbg, 40 jts at 1285'. TIH with 3-7/8" blade bit on 40 jts 2-3/8" tbg at 1285'. TIH to 1322'. RU air package. Start drlg, returns drlg mud. Drld to 1346', no cuttings in return. Start mist, getting cuttings back top of coal at 1378', bottom of coal at 1393'. Drld to 1417' with air and mist. Made 4' in last hour. Trip bit up in csg. TIH, tagged at 1311'. Start 950 Scf air and water with 3 gal soap, water at 5 bph. Tight spot @ 1354'-65'. Drld to 1416', started drlg slow. Drld to 1468' KB. Trip pipe up in csg. CO to 1468'. Pulled up in csg, let well sit for 1-1/2 hr. TIH, tagged at 1354', CO to 1468'. Returns were small sand and shale. TOH in csg, tubing dragging. Mixed polymer in mist water 40 Visc. TIH, tagged at 1354', drld to TD @ 1468, hard drlg fr. 1354'-1365'. TOH to csg. Mixed 2% KCl wtr with polymer to 40 Vis. TIH, tagged fill @ 1311', drilled to 1356' got slow drlg to 1376'. Circ hole 30 mins, very small amount cuttings and sand shale. TOH to csg, let sit 1 hr. TIH, tagged @ 1356', drld to 1377'. From 1370' to 1377' takes 15 mins to clean out. Pull up to 1350', go back down tagged at 1370', drilled to 1377' stop drlg. TOH into casing.

**** CONTINUED OTHER SIDE ****

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

Signed

Connie S. Dinning

Title

Contract Engineer

(This space for Federal or State office use)

Approved By

Conditions of approval, if any:

Title

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.

1/13/98 to 1/16/98

TOH with 2-3/8" tbg and bit, LD tbg. Bit in good shape. PU 3-7/8" bit, welded to 2-7/8" collar, 2-7/8" pup joint, 2-7/8" float collar. Change over 2-7/8", 8rd x 2-7/8" buttress thread, 43 jis 2-7/8" buttress tbg. Tgd fill @ 1356', drld to 1385', drld hard to 1395', from 1395'-1410' easy drilling, from 1410'-1417' very hard. Cutting sand and dark shale. Fluid 2% KCl with 40 visc. polymer. TOH to inside casing. (Lost 10 bbls at 1410'). 1438' KB TD. Float shoe at 1428'. Cemented.

Pumped 5 bbls 2% KCl water, 50 sxs Class H with 1/4# celloflake, 15.6 weight, yield 1.81, 5.2 gal/sx, 10 bbls slurry. Pump wiper plug with 2% KCl, 8.4 bbls displacement. RU slickline, tag cement at 1365' KB (using 5' KB). PU and TIH with 2-1/16", 11 tbg and 2-3/8" blade bit. CO to float collar at 1424' KB. Circulate clean water, start TOH. LD 2-1/16" NU 11 tbg with bit. RU to swab. Swab FL to approx. 600'. RDMOL..

1/19/98 to 1/29/98

MIRU Petro WL 1/20/98 Run cased-hole Neutron Gamma Ray Correlation Log from PBTD @ 1426' KB to surface. Perfd upper coal intervals 1319'-23' KB and 1336'-48' KB with 2 JSPF, 2-1/8" strip gun per correlation log. RIH to main coal, unable to get below 1370' KB. POH. RD WL. MIRU JC Well Service 1/20/98. PU 2-1/16" 11 tbg with 2-3/8" bit, tagged perforating junk at 1390' KB. Pushed junk to 1450' KB. LD tbg and bit. RDMOL 1/20/98. RU BJ to frac. Press test lines to 4500 psi.

Breakdown formation with 2% KCl water, 1400 psi, est. rate 5 BPM at 950 psi. Drop 100, 1.3, 7/8" RCN balls, would not ball off. Press reached 1250 psi. Flow off balls. SI will let balls fall. Pmp 8500 gals pad (70 Quality 30# gel). Start sand at 1#/gal. Screened out as soon as sand hit form. RD BJ 1/21/98. Flow well on 1/4" choke 950 psi. Flowing N2, foam and gel sand.

Open well on 2" at 250 psi, very heavy foam and sand. After 30 mins, slowed to belching heavy foam with sand. RU Tefeller, tag sand fill at 1285'. RU JC Well Service 1/22/98. TIH with 1-1/4", 10rd tbg to CO sand. Tgd sand at 1280'. Reverse circ to 1385', started getting balls and large pieces of coal and shale. Plugged tubing, pull 15 joints, still plugged. Trip rest

of way out of hole. Unplug tubing. TIH and CO to 1415' KB, still getting coal and balls. Pulled tbg to 1341' and landed SN @ 1315' KB (5' KB). RDMOL. (43 jis). Perfs: 1319'-23', 1336'-48', 1380'-94' (4 spt). Large chunks of coal came in cleaning out lower perfs. Hooked up separator and compressor. Press casing to 300 psi, tubing dead. Blew casing down, press tbg to 300 psi, no communication. WO swabbing unit.