

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 reenter 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)

810' fsl & 1355' fel (SWSE)  
Section 35, T27N, R13W

5. Lease Designation and Serial No.

NM-33047

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Hi Roll No. 5 (7804)

9. API Well No.

30-045-29973

10. Field and Pool, or Exploratory Area

Basin Fruitland  
WAW Fruitland Sand P.C.

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

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Perf, Frac & Tbg Reports

☐ 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.)\*

4/11/00 RU Blue Jet and run GR/CCL from 1294' to 798'. RIH with 3-1/8" casing gun and perforate Pictured Cliffs sand from 1218' to 1228' (2 spf - total 30 holes - EHD 0.28"). RD Blue Jet. RU American Energy Services and pressure test pumps and lines to 4500#. Pumped 250 gals of 15% HCl, saw break at 2400# while pumping 1.0 BPM. Increased fluid rate and brought nitrogen on line and start pad. Pumped 9000 gal 70 Q foam pad. Frac well with 60,000# of 20/40 Brady sand in 20# linear gel and 70 Q foam. Pumped sand in 1,2,3 and 4 ppg (BH conc.) stages. AIR 30 bpm, MIR 30.5 bpm, ATP 1000#, MTP 2400#. Job completed at 10:45 AM 4/11/00. ISIP 500#. Total fluid pumped 256 bbls. Total nitrogen pumped: 161,100 scf. RD American Energy Services. Opened well thru 1/4" choke to pit at 11:30 AM 4/11/00. Well flowing back nitrogen. Let well flow back overnight.

4/12/00 Flowing to atmosphere on 1/4" choke.

4/13/00 Well dead. Waiting on rig to clean out and prepare for 2nd stage.

\*\*\* CONTINUED OTHER SIDE \*\*\*

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

Signed

Connie S. Dinning

Title Contract Engineer

Date

ACCEPTED FOR RECORD

(This space for Federal or State office use)

Approved By

Title

Date

JUN 12 2000

Conditions of approval, if any:

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.

OCB

4-15-2000 MIRU JC Well Service. Found well dead. Remove frac valve. NU WH. TIH with 2-3/8" tubing. Tag up on sand at 1218' KB. Perforations 1218'-1228'. TOH, LD 2-3/8" tbg. Install frac valve. RU Blue Jet, RIH with 4-1/2" RBP set at 1215' KB. RIH with dump bailer and dump sand on top of RBP. RIH with 3-1/8" casing gun and perforate Fruitland Coal 1184'-1200' (3 SPF, total of 48 holes, EHD 0.28"). RD Blue Jet. Shut well in. RDMOL. Schedule to frac on 4/18/00. Note: Hauled tubing to Navajo #1, hauled empty frac tank (2 on location) to Navajo 1. RU American Energy Services 4/18/00. Pressure test pumps and lines to 4500#. Pumped 250 gal of 15% HCl acid at 1 BPM never saw any break. Started pad, pumped approx. 20 bbls of 20# liner gel pad in 70 Q foam when nitrogen pump started to leak severely. SD and repaired pump. Max. surface pressure was 1200# and climbing. Restart job, pumped 7000 gal of 20# liner gel pad, down hole rate was 30 BPM, STP 1600# and climbing. Pumped 1 ppg stage and STP was 1520# and climbing. Increased fluid rate on 2 ppg stage but pressure continue to increase. Shut down when pressure exceeded 3000# (pumped a total of 11,000# of 20/40 Brady sand). Remove frac lines and blew well to atmosphere, recovered large slug of sand and foam. Install frac lines and pump into formation with fluid pumps only. Lined out pumps at 26 BPM, pumping 20# liner gel at 2100#. Attempted to bring nitrogen on line but decided to shut down because tank volumes were down to less than 60 bbls. Calculated frac gradient to be 2.12 psi/ft. Shut well in with 450#. RD American Energy. Opened well to atmosphere, blew down very quickly. Released frac crew, re-scheduled frac for 4/21/00.

4-24-2000 RU Blue Jet and RIH with 3-1/8" casing gun. Tag up on sand/fill at 1197' (re-perf from 1197'-1187' - 3 SPF - 30 holes). TIH with 6' gun and re-perf from 1190'-1184' (3 SPF - 18 holes). Originals perfs 1184'-1200'. RD Blue Jet. RU American Energy Services and held safety meeting. Pressure test pumps and lines to 4500#. Started pad. While adjusting rates noticed leak in wellhead flange. SD and tighten flange. Resume pad. Pumped 7000 gal of AmBor 1020 x-link fluid. Frac well with 70,000# of 20/40 Brady sand in AmBor 1020 x-link fluid. Pumped sand in 1,2,3,4 & 5 ppg stages. Note: Saw negative notify plot. Increased rate and sand concentration trying to increase pressure. AIR 35 bpm, MIR 39 bpm, ATP 1800#, MTP 2100#, ISIP 1073#. Total fluid pumped 620 bbls. RD American Energy Services. Opened well thru 1/4" choke to pit at 16:45 hrs 4/24/00. Well flow back overnight. Road rig to location. RU JC Well Service 4/28/00. RD frac valve. RU to run tubing. TIH with 2-3/8" tbg and ret. head. Tagged sand at 1090', 94' fill on plug. Circulate sand hit tight spot at 1180' stacked out. Middle of perfs. TOH. TIH with 2-3/8" tubing and sawtooth collar on bottom. CO to RBP, went through tight spot. Pull above perfs. TOH with 2-3/8" tubing and sawtooth collar. TIH with 2-3/8" tbg and tapered mill to 1180'. Start milling, milled to 1190'. Free to 1193', start milling at 1193'. Milled 6". SDON.

5-2-2000 Start milling at 1190'. Milled through perfs at 1200'. CO to BP at 1213'. TOH with 2-3/8" tubing and 3-7/8" tapered mill. TIH with 2-3/8" tubing and ret. head. Pull BP at 1213'. TOH. TIH with 2-3/8" production string, tagged sand at 1216'. Circulate sand to PBD at 1294'. Land tubing at 1203' KB, SN at 1172', one joint off bottom. Swabbed well, FL at 900'. Made 3 runs in 15 mins, would swab down, let sit for 15 mins, fluid would come up to 900'. SDON. (Returned RBP and mill).

5-3-2000 TIH with pump and 3/4" rods. NU WH. RIH with production string as follows: 1 each 2-3/8" mud anchor landed at 1194' KB, 1 seating nipple at 1164' KB, 38 joints of 2-3/8" tubing, 45 - 3/4" slick rod, 2 - 3/4" x 8' pony rod, 1 - 3/4" x 2' pony rod, 16' polish rod, 8' - liner. Pump 2 x 1 1/4" x 7' x 9' x 12' RHAC, plunger 4' SM, Max. stroke 80", valves TC & SS. Space out pump and clamp off. Release rig.

5-10-2000 Roustabouts set Lufkin 40 unit 34" stroke with 5 x 6-1/2" Ajax Engine. Serial No. 56722. Began installation of flowlines and cold 2 φ 1000 psi, WOG graver separator Mfg 1960, Serial No. SSS2006-1 from Canyon Largo Unit 301.

5-11/12-2000 Continue hookup of surface equipment.