

Distribution:

Orig+4 (BLM); 1-Crystal; 1-Accounting; 1-Well File

Form 3160-3
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.

SF-078875

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Canyon Largo Unit No. 393

9. API Well No.

30-039-25552

10. Field and Pool, or Exploratory Area

Devils Fork Gallup

11. County or Parish, State

Rio Arriba County,
New Mexico

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 (505) 327-9801

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

930' fml & 1750' fwl
C Section 31, T25N, R6W

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

Completion report

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well 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.)

2/12/96 to 2/14/96 Set tank and flowlines.

4/15/96 to 4/17/96 Installed gas line.

4/25/96 MIRU Polanco Rig. Haul in set reverse equipment & tbg. Start hauling frac oil. Tally in hole with 3-7/8" bit, casing scraper, 2-3/8", EUE, 4.7#, J-55 used tbg. Tag fill @ 2848' KB. Drld cement, tag 1st DV tool at 2887' KB. Drill out, circ clean. Tally in hole, tag fill at 5143' KB. Drill cement, tag 2nd DV tool at 5185' KB. Drill out, circ clean (30 mins.)

*** CONTINUED OTHER SIDE ***

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

Signed

Steven S. Dunn

Title

Operations Manager

Date

9/4/96

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

ACCEPTED FOR RECORD

SEP 06 1996

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.

NMOCD

RY

FARMINGTON DISTRICT OFFICE

4/26/96
 TIH with 2-3/8" tbg to 6209' KB. Drig on something hard, returns indicated it was wiper plug. Drid about 40 mins, fell through to TOC @ 6219'. Drid hard cement to 6279' KB, top of float collar. RU to press test to 4000 psi - held 15 mins, lost 40-50 psi (some small leaks in BOP). Drid of FC 2-1/2 hrs, metal and rubber returns. Did not get through FC. Trip for bit 4 hrs. SD for weekend.

4/29/96
 Drid out FC and 36' cement in shoe j to 6315' KB. RU & press test. Pump to 4000 psig and held 30 mins. Lost 90-100 psi (small leaks in BOP). Press test good. Sweep hole with 10 bbls gel plug, load hole with oil. TOH & RU WL, Ran GR-correlation log from TD (logger's TD 6323' KB) to 4100' top of MV.

4/30/96
 RU WL, perforate 21 select fire shots, 0.31" diameter as follows: 6019", 6021', 6026', 6030', 6070', 6075', 6080', 6088', 6092', 6120', 6124', 6127', 6130', 6141', 6232', 6235', 6238', 6260', 6263', 6267', 6270' KB. RD WL. RIH with straddle packers to breakdown perfs in oil. Set pkr on 1st set of perfs 6260'-6270', pump in with Cementer's Inc to 3300 psig, broke to zero, press back up to 300 psig at 1.5 BPM, oil flowed out casing valve. Checked next zone, checked unperf'd pipe, communication each time. Trip out, found tubing split in 98th jt. PU new jt, RIH, set pkr on bottom set of perfs 6260'-6270', broke dwn at 3000 psig, pumped 1.5 BPM at 2200 psig. ISDP 1800 psig. Move up, straddle perfs 6232'-6238', broke down at 3200 psig, pumped in 1 BPM at 2700 psig. ISDP 2400 psig. Move up, straddle perf 6141', pumped to 3800' & held (max. pump truck press) would not break. Moved up to perfs 6120'-6130', broke dwn at 3100 psig, pumped in 1 BPM at 2800 psig. ISDP 2500 psig. Moved up to perfs 6088'-6092', broke down at 3100 psig, pumped in 1 BPM at 2650 psig. ISDP 2500 psig. Moved up to perfs 6080'-6070', broke down at 2300 psig, pumped 1.5 BPM at 1600 psig. ISDP 1600 psig. Moved up to perfs 6019'-6030', broke down at 1400 psig, pumped in 1.3 BPM at 1150 psig. ISDP 1150 psig. SD waiting to frac.

5/2/96
 Gel oil tanks, RU flowback manifold assembly. RU to frac, press test frac lines to 5000 psig with fresh wtr. Flush lines to pit with oil. Frac with BJ Maxi-O gelled oil and 20/40 mesh Arizona sand as follows:

Stage	Fluid Pumped (Gal)
Pad	9,829
0.5#	5,052
1#	5,145
2#	10,014
3#	9,621
3.5#	14,733
4#	16,435
Flush	3,906

Total fluid pumped 1779 bbls. Total sand pumped 170,140#. Max. press 3950 psig. Min. press 2010 psig. ATP 2660 psig, AR 27 BPM, ISIP 1660 psig, 5 min SIP 1520 psig, 10 min SIP 1440 psig, 15 min SIP 1390 psig. Frac gradient 0.62. WSI overnight for gel to break.

5/3/96 to 5/4/96
 Open well to frac tank, tubing on vac. Tag fill approx. 260' above PRTD. CO fill to within 30' of bottom. LD 18 jts bad tbg, not enough left to clean out to bottom. Haul in 30 jts. Trip to CO remaining fill. Leave tbg in hole above perfs to allow CO of any additional fill.

5/6 to 5/8/96
 Cleaning out and swabbing.

5/9 to 5/16/96
 Install pumping equipment, 1st delivery 9:00 AM 5/16/96, Gas Rate = 200 mcf/d. Recovering load oil.