

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

RECEIVED
BLM

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

99 JAN -6 PM 12:15

RECEIVED
JAN 15 1999

OIL CON. DIV.
DIST. 3

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)
**790' fsl & 790' fwl (sw sw)
Section 5, T25N, R8W**

5. Lease Designation and Serial No.
NM-47168

6. If Indian, Allottee or Tribe Name

7. Unit or CA, Agreement Designation

8. Well Name and No.

Custer Federal No. 1

9. API Well No.
30-045-25974

10. Field and Pool, or Exploratory Area
Basin Fruitland (71629)

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	☒ Abandonment - Dufers Pt. Gallup/Dakota	☐ Change of Plans
☒ Subsequent Report	☒ Recompletion - Basin Fruitland	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other _____	☐ 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.)*

12/10/98 MIRU A-Plus Well Service Rig No. 6 12/10/98. Press tested to 105 psi. NU blow down line and blow down casing 450#, tubing 60# (tubing would not blow down). Pump 20 bbls water down tubing to kill. ND WH, check tubing to see if free. NU BOP and test, changed over from 2-7/8" to 2-3/8". RU to pull tubing, donut would not pull thru BOPs. ND, remove donut from tubing. NU again, get ready to POH. POH & tally 154 joints of 2-3/8". Note: Notified BLM at 8:10 AM 12/10/98.

12/11/98 Casing press 70 psi, tubing 70 psi. Bleed well down. Tally tubing out of hole, had 190 jts, SN, 3' PS and 1 jt MA. Total length - 6322', landed @ 6332' KB. PU DHS 4-1/2" RBP. TIH to 6292' with 190 jts, set RBP, test tubing to 1500 psi - held OK. Stung out. Load hole with 90 bbls water. Plug #1 mix 12 sxs Class 'B' neat cement 15.5# and spot from 6292' to 6134'. Pull and LD 26 jts and stand back 82 stands. RU WL, PU 4-1/2" plug well BP WL set. RIH and set at 5470'. TIH with 2-3/8" tbg to BP set at 5470' with 165 jts. Plug #2 pump 10 bbls water mixed 12 7/8" 4-1/2" plug well BP WL set. RIH and set at 5470'. TIH with 2-3/8" tbg to BP set at 5470' with 165 jts. Plug #2 pump 10 bbls water mixed 12 7/8" 4-1/2" plug well BP WL set. RIH to 4566' and set. TIH with 2-3/8" tbg to 4566'. Shut well in. SD for weekend.

*** CONTINUED OTHER SIDE ***

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

Signed Steven S. Dunn Title Drlg & Prod Manager

Date 1/5/99
JAN 11 1999

ACCEPTED FOR RECORD

(This space for Federal or State office use)

Approved By _____ Title _____
Conditions of approval, if any:

FARMINGTON DISTRICT OFFICE

12/12-13/98 SD for weekend.

12/14/98 Load hole with 5 bbls water. Pump Plug #3 with 13 sxs Class 'B' cement 15.6# (4593'-4493'). TOC @ 4443'. LD 30 jts. Load hole with 3 bbls. Pump Plug #4 with 12 sxs Class 'B' cement 15.6# (3630'-3530'). TOC @ 3480' with 2% CaCl. LD 15 jts circulate hole clean with 50 bbls to 3055'. Press tested casing to 500# - held OK for 15 mins. LD 35 jts stand back 30 stands. Change out valves on wellhead, put bullplug on one side, 5000# gate valve on the other side. Press tested 4-1/2" casing to 3000 psi, held OK for 30 mins. RU Blue Jet WL, RD (computer broke - unable to run CCL Gamma Log). Shut well in.

12/15/98 RU Blue Jet ran Gamma Log CCL from 2145' to 1492'. PBTD @ 3470'. Perforate from top down starting at 1859'-1874', 1890'-1892', 1907'-1909', 1928'-1930', 1932'-1934', 1940'-1954' (37 shots total - 3-1/8" casing gun). RD Blue Jet. RU blowline to pit.
Note: 760 bbls of 2% KCl water on location - heated to 90° (12/15/98).

12/16/98 Service rig, repack pump.

12/17/98 RU Dowell. Pressure test pumps and lines. Start down hole with water only. Formation broke at 3049# pumping 7 BPM. Fraced well with 82,140# of 20/40 Arizona sand in 20# cross-linked gel and 70 Q foam. Pumped 5260 gal 70 Q foam pad. Pumped sand in 1,2,3 & 4 ppg (BH conc.) stages. Lost fluid pump with 1887# left to pump, cut sand and went to flush. Had 80,253# of sand in formation when went to flush. AIR: 25 BPM, MIR: 25 BPM, ATP: 2250#, MTP: 3049#. Job completed at 1119 hrs 12/17/98. ISIP 1698#. Total fluid pumped 401 bbls. Total nitrogen pumped: 541,894 scf. RD Dowell. Opened well thru 1/2" choke at 1330 hrs 12/17/98 and let flow back overnight.

12/18/98 Check casing had 40 psi. Removed 1/2" choke on blow down line. Let well blow down to 0. Pick 1 joint 2-3/8" tail joint, 1 seating nipple, 66 joints to 2200' and check for fill, no fill, LD 6 joints. Landed 2-3/8" tubing at 2005', SN @ 1976' (61 jts total in hole). ND BOP, NU WH, remove 3000# valve put 2500# ball valve back. SI well. RD & MOL.

12/19/98 to 1/03/99 Shut Down

1/04/99 Set separator, flowed well to pit overnight. Fluid too foamy for separator. Left flowing overnight.