

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	5. Lease Designation and Serial No. NM-98140
2. Name of Operator Merrion Oil & Gas Corporation (14634)	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 610 Reilly Avenue, Farmington, NM 87401-2634	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1562' fnl & 886' fwl (sw nw) Section 5, T29N, R11W, NMPM	8. Well Name and No. FiField Com No. 1E (22343)
	9. API Well No. 30-045-29517
	10. Field and Pool, or Exploratory Area Basin Dakota (71599)
	11. County or Parish, State San Juan County, New Mexico

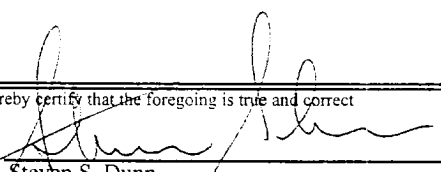
12. CHECK APPROPRIATE BOX (s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other Perforations & Frac Rpts (Basin Dakota)	☐ 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.)*

9/9/98 MIRU TJR Well Service. NU BOPs. Tally and PU 4 - 3/4" bit sub, 6 each 3-1/8" drill collars on 2-3/8" tbg. Tagged and drilled out first DV tool 60' soft cement on top of tool. Tally in hole to bottom DV tool, 90' soft cement on top of tool. Drilled on tool for 1 hr, quit drilling. TOH with 1/2" tbg. PU rest of tbg and RIH.

9/10/98 TOH with tubing, collars and bit. Bid had 1 cone off. TIH with magnet on sandline. TOH didn't get cone. TIH with junk basket with cutrite mill on bottom on 2-3/8" tbg. Tagged float collar at 4734'. Cleaned off fill, milled 3" to PU cone, reverse circulation. TOH with basket, rubber and parts of DV tool. TIH with magnet on sandline. TOH with small cuttings on magnet, no cone. TIH with same junk basket on tubing, reverse circulation. Mill on DV tool. Milled up DV tool and pushed to bottom. CO to 6750' KB, bottom perf at 6675', 75' rat hole. TOH with tools, basket full of rubber, cone off bit and pieces of DV tool. LD collars in derrick.

14. I hereby certify that the foregoing is true and correct		
Signed  Steven S. Dunn	Title Drlg & Prod Manager	Date 9/16/98
(This space for Federal or State office use)		
Approved By	Title	Date
Conditions of approval, if any:		OCT 01 1998

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.

NMOC

BY

FARMINGTON DISTRICT OFFICE

Sept. 12, 1998 TIH with packer on 2-3/8" tbg to 6675'. Spot 200 gal 15% HCl with inhibitor, surfactant, iron sequestering agent. Pull packer to 6660' above bottom perfs. Set packer, breakdown lower perfs 2200 psi had communication with upper perfs. Release packer pull to 6352' set packer. Did pump-in test. Ballied off with 500 gal HCl and 60 balls. Ball off to 4500 psi, didn't see any breaks during ball off. TIH below perfs to wipe off balls. Pulled back to 6352' set packer, did pump-in test 4.3 bpm at 1900 psi, same ISDP 500 psi. Swabbed tubing in would flow for awhile, heavy cut gas. Kill tubing with 12 bbls 2% KCl, TOH. RU stringer. RU Dowell to frac. Fraced with 600 foam - ATP 2921 psi, Max 3209 psi, AIR 30 bpm, ISDP 2670 psi, 153,010# 20/40 Ottawa sand 1# ppg to 4 ppg down hole, job went well. Put on immediate flow back:

Left well flowing. SDON.

0000 hrs 1/4" choke 1050 psi heavy mist, light sand
0200 hrs 1/4" choke 940 psi heavy mist, light sand
0400 hrs 1/4" choke 860 psi heavy mist, trace sand
0600 hrs 1/4" choke 740 psi heavy mist, trace sand
0800 hrs 1/4" choke 650 psi medium mist, no sand
1200 hrs 1/4" choke 525 psi medium mist, no sand
1800 hrs 1/4" choke 425 psi medium to light mist, no sand
2000 hrs 1/4" choke 425 psi medium to light mist, no sand
Left well flowing. SDON.

Sept. 15, 1998 Flow test through separator on 1/4" meter run with 30 psi back pressure, 310 psi on casing and 270 psi on tubing. Chart and clock not working, repaired separator, chart and clock. Put 1.25 orifice in meter run, start test at 1:00 PM, 50 psi back pressure. (TR)

Hrs	Static x Differential x Orifice Plate coeff	Spring Factor	250#	=	mcf	tbq	csg
1300	5.175	4.0	22.831	0.5	236	58	275
1700	5.175	3.75	22.831	0.5	221	58	275