

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

WELL API NO. 30-043-20175
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name  EMU
8. Well No. 1 (16788)
9. Pool name or Wildcat Eagle Mesa Entrada (20430)

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SWD <input type="checkbox"/>	
2. Name of Operator Merrion Oil & Gas Corporation (014634)	
3. Address of Operator 610 Reilly Avenue, Farmington, NM 87401-2634	
4. Well Location Unit Letter <u>M</u> : <u>460</u> Feet From The <u>south</u> Line and <u>330</u> Feet From The <u>west</u> Line Section <u>12</u> Township <u>19N</u> Range <u>04W</u> NMPM Sandoval County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 6698' GL	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
<b>NOTICE OF INTENTION TO:</b>	<b>SUBSEQUENT REPORT OF:</b>
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: <input type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Merrion Oil & Gas Corporation proposes to run 3-1/2" plastic lined tubing to the liner top at 4809' KB. Below this, we propose to run 1 joint of 2-3/8", 4.6#, 8rd, EUE tubing and a 4-1/2" FH packer set at approximately 4820' KB. The bottom of the liner is at 5455' TVD, just below the top of the Summerville Shale. A 3-3/8" PIP packer with a bull plug will be run in the open hole, horizontal portion of the wellbore at 5719' MD (5486' TVD) to keep the injection water near the wellbore to avoid interference with producing wells nearby.

RECEIVED  
DEC - 2 1996  
OIL CON. DIV.  
DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Connie Dinning TITLE Engineer DATE 11/20/96

TYPE OR PRINT NAME \_\_\_\_\_ TELEPHONE NO. \_\_\_\_\_

(This space for State Use)

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE DEC - 2 1996

CONDITIONS OF APPROVAL, IF ANY:

**Merrion Oil & Gas Corporation  
Wellbore Schematic  
Eagle Mesa Unit #1**

Proposed Water Injection Bottom Hole Depth Reference Detail

Location: THL: 460' fls & 330' fwl (sw sw) Sec 12  
BHL: 196' fls & 43' fwl (nw nw) Sec 13  
T19N, R04W  
Sandoval Co. NM

Elevation: 6,698' GL  
6,711' GL

Date: 11/20/96

Morrison - 4,618'

3 1/2" Plastic Lined Tubing  
Xover to 2 3/8" tubing  
1 jt. 2 3/8" tubing to packer

4 1/2" Liner top # 4,809' KB

4 1/2" FH injection packer set @ 4,820' KB

Summerville Shale - 5,454'

Todilto - 5,472'

Entrada - 5,483'

4 1/2" Liner set @ 5,542' MD w/ 125 sx, 5,455' TVD

3 3/8" PIP @ 5,719' KB, 5,486' TVD