

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. NM 5980
2. NAME OF OPERATOR Merrion Oil & Gas Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 840, Farmington, NM 87499		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 330' FSL & 2310' FWL		8. FARM OR LEASE NAME Federal 21
14. PERMIT NO.		9. WELL NO. 4
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6785' GR		10. FIELD AND POOL, OR WILDCAT Ojo Encino/Entrada Underflow
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 21, T20N, R5W
		12. COUNTY OR PARISH McKinley
		13. STATE NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANE

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other) Mesaverde squeeze, Entrada test X

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. 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.)\*

Performed work as per attached sheets.

RECEIVED

FEB 19 1991

OIL CON. DIV  
DIST. 3

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

SIGNED

T. Greg Merrion

TITLE

Engineer

DATE

12-5-90

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

JAN 20 1991

cc: 1 Well File

FARMINGTON RESOURCE

\*See Instructions on Reverse Side

BY

**FEDERAL 21-4**

**RECENT WORK SUMMARY**

<u>DATE</u>	<u>WORK</u>
	(Mesaverde Producer)
9-18-90	MIRU. POH w/ 2-7/8" tubing and rods
9-19-90	Clean out sand
9-20-90	Clean out sand
9-21-90	Clean out sand
9-24-90	Squeeze Mesaverde Perfs 2,616'-2,752'
9-25-90	Drill out
9-26-90	Drill out and pressure test
9-27-90	Re-squeeze Mesaverde
9-28-90	Drill out
9-29-90	Drill out, clean out to PBTD @ 5,926'
9-30-90	Run scraper, lay down 2-7/8 work string
10-2-90	Run 4-1/2" production tubing to 2,108' KB
10-3-90	Run rods and pump. RDMO.
10-4-90	Start pumping, shut-down to shorten stroke
10-5-90	Change to smaller sheave, still pounding. Shut-down
10-8-90	Change to 120" stroke. Pumping, rods parted.
10-9-90	MIRU. POH w/ rods.
10-10-90	Perf addt'l Entrada (5,909'-5,915'). Found rust in pump barrel.
10-11-90	Run scraper thru 4-1/2" tubing
10-12-90	Re-run rods, put onto pump
10-13-90	Change to smaller sheave. Pounding fluid
10-14-90	Change to smaller sheave, 5 SPM. Leave running
10-15-90	Not pumping. SD unit
10-17-90	Static fluid level $\approx$ 610'
10-26-90	MIRU. Lay down rod string and 4-1/2" tubing
10-27-90	RIH w/ 3-1/2" tubing $\approx$ 3,500' KB. RIH w/ pump and rods. POP.
10-28-90	80 BO, 187 BW
10-29-90	55 BO, 178 BW
10-30-90	75 BO, 134 BW
10-31-90	Change to 86" stroke. 52 BO, 138 BW
11-1-90	55 BO, 205 BW
11-2-90	55 BO, 310 BW, down @ fluid level $\approx$ 2,125'
11-3-90	5 BO, 20 BW
11-4-90	0 BO, 0 BW, not pumping
11-6-90	Down, fluid level $\approx$ 615'

11-7-90	MIRU, pull rods, run pump, POP.
11-8-90	Not pumping, SD
11-9-90	MIRU, POH w/ rods. Pump good shape, swab test
11-10-90	Swab test 80 Bbls, fluid level 800' → 3,100'
11-11-90	POH w/ 3-1/2". RIH w/ 2-7/8" and packer
11-13-90	Swab test, 99 Bbls 3% oil, FL 800' → 4,500'. Sudden increase
11-14-90	POH w/ tubing. Collapsed joint
11-15-90	RIH w/ 2-7/8", replace bad joints, swab test
11-16-90	Swab test. Rate 32 BPH, 4,000'-5,000', 8-10% oil
11-17-90	Swab test 115 Bbl, 8% oil, lay down 2-7/8", RIH w/ 3-1/2"
11-18-90	RIH w/ pump and rods. POH w/ rods
11-19-90	Run 250' more tubing. RIH w/ pump and rods, POP
11-20-90	0 BO, 312 BW, 19 hrs
11-21-90	0 BO, 100 BW, 9 hrs, not pumping
11-26-90	MIRU, POH w/ rods, change pump...bad cups
11-28-90	Re-run rods, POP
11-29-90	60 BO, 34 BW
11-30-90	80 BO, 320 BW, fluid level ≈ 3,603'
12-1-90	73 BO, 187 BW, pump down