

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(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 Water Disposal	5. LEASE DESIGNATION AND SERIAL NO. SF 078877
2. NAME OF OPERATOR Merrion Oil and Gas Corporation	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 840, Farmington, New Mexico 87499	7. UNIT AGREEMENT NAME Canyon Largo Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 805' FSL and 530' FWL	8. FARM OR LEASE NAME
14. PERMIT NO.	9. WELL NO. 125
15. ELEVATIONS (Show whether DF, FSL, or FWL) 6541' GL	10. FIELD AND POOL, OR WILDCAT Devils Fork Mesa Verde
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 9, T24N, R6W
	12. COUNTY OR PARISH Rio Arriba
	13. STATE New Mexico

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Conversion to water injection X

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.) *

Well converted to salt water disposal as per attached well history.

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

SIGNED

TITLE Operations Manager

DATE 1/8/87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NMOCC

MERRION OIL & GAS CORPORATION

CANYON LARGO UNIT 125

805' FSL & 530' FWL
Sec. 09, T24N, R06W
RIO ARriba COUNTY, NEW MEXICO

Field/Formation: DEVILS FORK MESAVERDE
Lease Designation: SF 078877

PRODUCTION & WORKOVERS

11/04/85

Tag cement at surface. Drill out cement to 232' KB. Trip in to 1852' KB and tag cement. Pressure test to 750 psi. Held. Drill out cement to 2129' KB. Trip in and tag cement at 3369' KB. Pressure test to 750 psi. Did not hold. Bled down to 0 psi in 1-1/2 min. SDON. (RD)

11/05/85

TIH w/fullbore packer (4-1/2") to locate hole in csg. Located hole in csg where 4-1/2" extension welded on. TI w/ 4-1/2" scraper and 3-7/8" fish tail bit. Tag cement at 3369' KB. Fell through cement at 3663' KB. Circulate and clean up hole. Tag next cement plug at 4128' KB. Pull 30' off bottom. SDON. (RD)

11/08/85

TOH w/plastic lined 2-3/8" EUE tbg. TIH w/ 2-7/8" Buttress thd N-80 tbg frac string w/ Model R packer on bottom. Left hanging at 3511' KB. Moved in frac tank and hauled water for frac. SDON. (CCM)

11/09/85

Set packer and establish a rate w/ slick water - 9 BPM 2400 psi. Pumped 1000 gals 15% HCL w/ Iron Sequestering Agent. Dropped 100 balls pumping 2 BPM at 2400 psi. Saw some ball action. Rig pump holding 1000 psi on csg. Opened tbg and flowed back 1 min. Shut tbg in for balls to drop. Hauled 2 more loads of water. Got ready to frac. Could not get backside to hold pressure. Opened tbg and started circulating out the tbg. Pulled pkr above squeeze hole at 3568' KB. Csg tested to 1200 psi. Must be communication between perfs at 3630' KB and squeeze hole at 3568' KB. IOH w/2-3/8" buttress tbg and Model R packer. Prepare to squeeze. SDON. (CCM)

Merrion Oil and Gas Corporation
Workover Report - CLU 125
Page Two

11/10/85

TIH w/ Baker tbg. Set drillable retainer on 2-3/8" EUE plastic lined tbg. Set retainer at 3500' KB. Pressure test tbg to 3000 psi. Held good. Pulled out of retainer. Loaded csg w/ water. Sting into retainer and got injection rate of 2 bbls/min at 1000 psi. Circulating through perfs up through squeeze hole. Pulled stinger out of retainer and mixed 30 sx Cl "H" cement 0.6% D-60 fluid loss additive and 1% CaCl. 1.18 cu.ft./sk; density 15.6#/gal. 6 bbls slurry, shut down, sting back into retainer. Washed up pump and lines to pit. Displaced 13.75 bbls H2O. Good circulation throughout. Pressure up to 1200 psi - 5 bbl/min. Stung out of retainer. Pulled tbg to 6147' KB and reversed out 2 bbls good cement. Pulled 3 more stands and shut in tbg. Pressure up to 1500 psi. Did not move any cement. Left pressure on csg 30 min. 100 psi bleed off. Bled pressure off slowly. TOH w/tbg and stinger. Pressure tested csg to 1000 psi. SDON. (CCM)

11/11/85

Drilling out cement. (CCM)

11/12/85

TIH w/ 3-7/8" cone bit and scraper on 2-3/8" EUE tbg. Tagged cement at 3470' KB. Drilled through squeeze hole 3568' KB. Pressure test to 1500 psi. Lost 200 psi in 15 min. Drilled out retainer. Did not fall through cement until bottom perf at 6370' KB. Pressure test csg to 1500 psi. Bled to zero in 2 min. Could not pump in. TOH w/ tbg, bit and scraper. Plan to re-perforate, acidize, and frac. (CCM)

11/13/85

RU Petro wireline. Perforate Cliffhouse 3630'-70' KB w/2 shots/ft w/ 3-18/" csg guns. TIH w/ Model "R" packer on 2-7/8" buttress N-80 tbg. Set packer at 3610' KB. Pressured up on csg to 1000 psi and held throughout the acid and frac job. Established rate w/ Western Co at 9 bpm 2400 psi. Shut down swap to acid. Pump 1000 gal 15% HCl w/aqua-flow and iron sequestering agent. Dropped 100 balls in acid. Saw several breaks during job. 2400 psi at 6 bpm. Shut down surge balls off perfs. Shut well in to let balls fall 15 min. Fraced down tbg w/12,650lbs 10-20 sand w/slick water as follows:

Merrion Oil and Gas Corporation
Workover Report - CIU 125
Page Three

2,500 gal	Slick water pad
12,642 gal	1#/gal 10-20 sand
882 gal	Slick water flush

Total sand - 12,642 lbs 10-20 sand

Total water - 381 bbls

Avg pressure - 2800 psi

Max pressure - 3000 psi

Avg rate - 13 bpm

ISIP - 1800 psi

SI pressure after 5 min - 450 psi

SI pressure after 10 min - 300 psi

SI pressure after 15 min - 200 psi

Left well shut in overnight. Left 500 psi on csg. SDON (CCM)

11/14/85

Well shut in overnight. Tbg dead. Still 500 psi on backside. RU Western Co foam injection pump and pumped in at 100 psi. 23 gal/min for 10 min. Shut down. Tbg on vacuum. Pumped in w/rig pump, through Western gauge box. Pumped 6 min at .75 bbl/min. 75 psi tbg. Went on vacuum. Pump 10 min at 2.25 bpm. 700 psi. ISIP 200 psi. Went on vacuum after 6 min. Stayed on very slight vacuum for 10 min. Test concluded. Unset Model R packer. TOH laying down 2-7/8" buttress N-80 tbg changeovers and packer. TIH w/ Model A tension packer on 2-3/8" EUE, 4.7#/ft new plastic lined tbg. Packer at 3598' KB. Left 112 jts tbg. 3590' of pipe. RU BOP's. Set tbg in wellhead. Pumped protective fluid down csg. Circulating up tbg. Set packer and RU wellhead. Shut csg and tbg in. Prepare to rig down move off. (CCM)