

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Budget Bureau No. 1004-1
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 ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR
Merrion Oil & Gas Corporaiton

3. ADDRESS OF OPERATOR
P. O. Box 840, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1650' FSL & 1650' FEL

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7218' KB 7212 GR

5. LEASE DESIGNATION AND SERIAL
NM28751

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal B

9. WELL NO.
1

10. FIELD AND POOL OR WILDCAT
Dufers Point Gallup-Dakota

11. SEC., T., E., M., OR BLE. AND SURVEY OR AREA
Sec. 3, T24N, R8W

12. COUNTY OR PARISH 13. STATE
San Juan New Mexico

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 PLANS ☐
Other: ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ REPAIRING WELL ☒
FRACTURE TREATMENT ☐ ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐ ABANDONMENT* ☐
(Other) ☐

(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.) *

Repair work is complete on this well. See attached work history.

RECEIVED

JUN 15 1989

SUBMITTED TO BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

Oil & Gas Division
B.L.M.

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

SIGNED Steven S. Durn TITLE Operations Manager

DATE 6/14/89

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD
DATE

JUN 21 1989

FARMINGTON RESOURCE AREA

*See Instructions on Reverse Side

BY LD

FEDERAL B NO. 1

December 27, 1988

Mud in the separator. Possible hole in casing. (Fizz)

May 16, 1989

Shot fluid level. 35 joints - 1,100 ft. \pm . Mud on rods, in separator and in oil line to tanks. (Fizz)

May 17, 1989

MIRU Ram Service Co. Pulled rods and pump. A lot of drilling mud. Fluid level close to surface. TOH w/ 2-3/8" EUE tubing. Moved pump, pit and power swivel on location. SDON. (CCM)

May 18, 1989

Finished TOH w/ 2-3/8" EUE tubing string. Ran model "C" retrievable BP and set at 5,810' K.B. Rolled the hole w/ water. Put oil to tank and drilling mud to the production pit. TOH w/ tubing and retrieving head. TIH w/ 5-1/2" model AD-1 tension packer w/ unloader and set at 5,748' K.B. Pressure tested BP to 2,000 PSI. Held good. Tested casing to 1,000 PSI. Had slow bleed off. Called Steve and decided to go to higher pressure. Unset packer and SI tubing. Pressure test casing and BP to 1,700 PSI and started pumping in. Broke down to 1,500 PSI @ approx. 1.5 BPM. Shut down. Pressure bled to 1,000 PSI in 5 min. Pulled packer to 5,250' K.B. just above TOC @ 5,280' K.B. Pumped down casing @ same pressure. Pulled packer to 4,228' K.B. - packer would not set. Possible bad casing. Started to pull 2 more stands to re-set packer but packer set while pulling. We could not get packer to reset again. Probably sheared the shear ring. TOH w/ packer to repair. SDON. (CCM)

May 19, 1989

TIH w/ Model AD-1 tension packer and tried to locate hole in csg. Could not get packer to set above 4,300' K.B. Acted like csg. I.D. too large for packer. Packer dressed for 15.5#/ft to 17#/ft csg. Probably 14#/ft csg. in the hole. TOH w/ tbg and Model "A" tension packer. TIH w/ full bore packer. Already on location and located a hole in the csg. between 4,270' K.B. and 4,239' K.B. It was also dressed for 15.5# csg. and did not set every time but worked okay. Pulled 2 stands - left packer unset. SDON. (CCM)

May 20, 1989

TOH w/ fullbore packer. TIH open ended to 4,239' K.B. Rigged up Dowell Schlumberger to mix and spot 50 sx class "G" cement w/.6% D-60 fluid loss additive. Displaced w/ 14 Bbls water. Pulled 6 Stands of tbg. to 3,860' K.B. Reversed out .5 Bbls cement and shut in tbg. to squeeze. Pumped 7.5 Bbls at 1 BPM. Pressure built up to 1,560 PSI. Pressure leveled off. Shut down. Wait 10 min. - pressure @ 1,200 PSI. Pumped .5 Bbls at rate TSTM pressure at 1,520 PSI. Shut down. Wait 10 min. - pressure at 1,200 PSI. SWI. SDON. (CCM)

May 23, 1989

TOH w/ tbg. TIH w/ tbg., bit and csg. scraper. Tagged cement @ 4,177' K.B. Drilled 125' of cement to 4,302' K.B. Pressure tested csg. to 2,000 PSI. Pressure got up to 2,000 PSI and dropped to 1,000 PSI in 1 min. Pumped in @ 1,300 PSI - 2 BPM. TOH w/ tbg., bit and scraper. Rig crew dug the Bradenhead out and pumped down csg. to check communication to the surface. Did not get any flow @ surface while pumping down the csg. Shut down. Bradenhead had slight vacuum. SWI. SDON. (CCM)

May 24, 1989

TIH w/ full-bore packer on 2-3/8" EUE tbg. Set packer @ 4,063' K.B. Got circulation and closed by-pass. Got injection rate of 1.5 BPM @ 1,500 PSI. Mixed and bull headed 75 sx cl "G" cement w/ .6% D-60 fluid (loss additive) 15.8 #/gal - 1.15 cu. ft/sk - 15 Bbls slurry. Pressure built to 1,700 PSI, 1.6 BPM. Shut down. Washed up pump and lines. Displaced 17 Bbls water @ 1,860 PSI - .9 BPM. Shut down to hesitate. Wait 10 min. Pump .5 Bbls. Pressure came up to 1,900 PSI and broke back to 1,250 PSI. Shut down 15 min. - pressure @ 900 PSI. Pump 1/4 Bbls @ 1,300 PSI. Shut down - wait 15 min. - pressure 860 PSI. Pump 1/4 Bbls - pressure @ 1,100 PSI. Shut down - wait 15 min. - pressure @ 800 PSI. Pump 1/4 Bbls - pressure to 1,660 PSI. Shut down - wait 45 min. - pressure @ 1,180 PSI. Stroked pump and pressure locked up @ 1,650 PSI. Total displacement of 18.5 Bbls leaving 1.5 Bbls cement in the csg. 3 Bbls below the packer. Left pressure on tbg. SWI. SDON. (CCM)

May 25, 1989

TOC - 4,113'. Drilled out @ 4,302'. Pressure test to 2,000 PSI - held good. TOH w/ bit and scraper. TIH w/ 2-3/8" tbg and retrievable head. Circulate just above BP to clean up. Pulled tbg to 4,203'. Tried to swab - could not get down with swab. Cement coating inside tbg. SDON. (CCM)

May 26, 1989

Rigged up Western Co. on 2-3/8" tbg. Pumped 6 Bbls of 15% HCL acid down tbg @ low rate and followed with 6 Bbls water. Let set 15 min. and reversed out @ low rate. Tried swab and finally got undersized cup worked to bottom. Western pumped 6 Bbls acid to bottom of tbg and reversed out acid. Released Western Co. Started swabbing with undersized cups. Fluid level down to 1,500' K.B. SDON. (CCM)

May 27, 1989

Swabbed all day, recovered 82 Bbls H₂O. Fluid level @ 4,427' K.B. S.N. SDOWE. (CCM)

May 31, 1989

Ran swab and tagged fluid level @ 3,927' K.B. - 500 ft. above S.N. Finally got a full sized cup to bottom and swabbed dry. Waited 2 hours and got no fluid. SDON. (CCM)

June 1, 1989

Made 2 swab runs. Both dry. Ran down and caught BP and TOH w/ 2-3/8" tbg., BP and retrieving head. TIH w/ 2-3/8" EUE tbg. w/ saw tooth collar on bottom. Tagged PBTD @ 7,015' K.B. Pumped 100 Bbls down csg. to get circulation. Shut down. Ran out of water. Tried to swab but could not get down through the top 37 stands of tbg. that had been in the derrick. Layed down all bad tbg. and will replace. SDON. (CCM)

June 2, 1989

Changed out 59 joints tbg with bad paraffin. Started swabbing tbg. Recovered 92 Bbls water and mud. Fluid level 3,500'. Some gas - no oil show. SDON. (CCM)

June 2, 1989

Tbg and csg dead. IFL 4000' KB. Swabbed tbg all day, rec 106 BF. Ending FL 6500' KB. Started getting oil cut with 81 bbls back, oil cut up to 30% at the end of the day. Still getting alot of drlg mud in the wtr. SDON. (CCM)

June 3, 1989

IFL 4000' KB. 1st run 10% oil, csg 200 psi, tbg 75 psi. After 61 bbls back, FL @ 6300', oil cut came up to 80-90%. Oil stayed at that % for total of 82 bbls rec in 30 runs. Ending FL @ 6800', tbg started flowing. Csg press dropped from 175 psi to 50 psi in 30 mins. No liquid, all gas during flow. Samples shows some mud and silt but cleaning up. Shut in well. SD for Weekend. (CCM)

June 4, 1988

SD for Weekend. (CCM)

June 5, 1989

TP 125 psi, CP 400 psi. FL @ 3500' KB. Made 2 swab runs, rec 9 BF (60% oil cut). Blew csg dwn. TOOH with 2-3/8" EUE tbg with S.N. and sawtooth collar. TIH with tbg, pumping string and landed in wellhead @ approx 6950' KB. TIH with rods and new 11' stroke through pump from Service Pump Co. Hung on horses head. Started unit and left well pumping. SDON. (CCM)

June 6, 1989

RD & MO Ram Service Company. (CCM)