

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**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 Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐

2. NAME OF OPERATOR

Merrion Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P. O. Box 1017, Farmington, New Mexico 87499

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 790' FNL and 790' FEL

AT TOP PROD. INTERVAL: Same

AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON\* ☐

(other) Refrac Graneros, Perforate & Frac Gallup

RECEIVED

SEP 17 1984

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

BUREAU OF LAND  
FARMINGTON, N.M.

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.)\*

Propose to refrac the Graneros Zone and perforate and frac the Gallup in this well. Production will be commingled pursuant to the West Lindrith Gallup-Dakota Field Rules. Procedure is attached.

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SEP 21 1984

OIL CON. DIV.

DIST. 3

Set @ \_\_\_\_\_ Ft.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

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

SIGNED

[Signature]

TITLE Operations Manager

DATE 9/12/84

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

\*See Instructions on Reverse Side

NMOCC

SEP 19 1984  
for S/ Arlan D. Hiner  
M. MILLENBACH  
AREA MANAGER

MERRION OIL & GAS CORPORATION

BONANZA No. 4

WORKOVER PROCEDURE

LOCATION: 790' FNL and 790' FEL  
Sec. 11, T22N, R3W  
Sandoval Co., New Mexico

ELEVATION: 7130' GL  
7143' KB

PROCEDURE:

1. Move in, rig up pulling unit. Unseat pump, hot oil tubing, pull rods.
2. Nipple up BOPs. Tag bottom, tally tubing out of hole.
3. Trip in hole with tubing. Set lock-set bridge plug @ 6830' KB.
4. Frac Graneros Perfs 6762 - 6792' with slick water 2-1/2 #/1000 Fr-2, 1 gal/1000 Aquaflo as follows:

15,000 Gal.	Pad	30 #/1000 Aquaseal
40,000 Gal.	1 #/gal.	40/60 sand 30 #/1000 Aquaseal
40,000 Gal.	1-1/4 #/gal.	40/60 sand 20 #/1000 Aquaseal
4,578 Gal.	Flush	

Total Sand - 90,000 Lbs.

Total Water - 2371 Bbls.

Desired Rate - 40 - 45 BPM.

5. Shut in 1 hour for frac to heal. Flow back to reserve pit on adjustable choke. Put to tanks overnight.
6. If flowing obtain rate and cut. If dead, may want to swab test.
7. Trip in with tubing, pull lock-set bridge plug and reset @ 5850' KB. Pressure test to 4000 PSIG. Dump sand on bridge plug. Spot 250 gal. 15% HCL across perfs. Trip out.
8. Run bond log from bridge plug to 4500' KB.
9. Perforate Gallup with 3-1/8" select fire as follows:  
5580, 5582, 5584, 5590, 5592, 5594, 5623, 5624, 5633, 5635,  
5637, 5638, 5638, 5660, 5662, 5766, 5768, 5776, 5778, 5780,  
5782, 0.34" diameter per Density Log. Total of 21 holes.
10. Ball off perfs with 500 gal. 15% HCL. Retrieve balls with junk basket.
11. Frac Gallup with 2-1/2 #/1000 Fr-2 slick water, 1 gal/1000 Aquaflo as follows:

10,000 Gal.	Slick Water Pad	25 #/1000 Aquaseal
20,000 Gal.	1 #/gal.	20/40 sand 20 #/1000 Aquaseal
10,000 Gal.	1-1/4 #/gal.	20/40 sand 20 #/1000 Aquaseal
3,940 Gal.	Flush	

Total Sand - 32,500 Lbs.

Total Water - 1046 Bbls.

Desired Rate - 40 BPM.

12. Shut in 1 hour for frac healing time. Open on adjustable choke to reserve pit. Blow down. Put to tank overnight.
13. Test Gallup.
14. Commingle production with Dakota put on pump.