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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.
E-1207-1

## 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" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator J. Gregory Merrion	8. Farm or Lease Name NCRA State
3. Address of Operator P.O. Box 507, Farmington, New Mexico 87401	9. Well No. 4
4. Location of Well UNIT LETTER J, 1685 FEET FROM THE South LINE AND 1710 FEET FROM THE East LINE, SECTION 16 TOWNSHIP 24N RANGE 6W NMPM.	10. Field and Pool, or Wildcat Devils Fork
15. Elevation (Show whether DF, RT, GR, etc.) 6784 KB	12. County Rio Arriba

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

17. 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.

Bridge plug at 4850. Perforated Mancos 4793-4813 with 20 holes. Perforated Mesaverde 4531-41 with 10 holes, 4501-04 with 3 holes and 4477-82 with 5 holes. Ran tubing with Baker Model R packer. Set packer at 4750 and fracked Mancos with slick water and F-75 surfactant as follows:

4000 gal pad (no sand)  
4000 gal with 2#/gal 100 mesh sand  
4000 gal with 1#/gal 20-40 mesh sand  
2200 gal with 1 1/2#/gal 20-40 mesh sand  
5700 gal with 1#/gal 20-40 mesh sand

Average inspection rate 9 bbls/min at 3400 psi. Move packer to 4450 and fracked Mesaverde with 30# gel, 2 1/2% acid and F-75 super surfactant as follows:

1500 gas pad (no sand)  
3000 gal with 1#/gal 20-40 sand  
3000 gal with 1 1/2#/gal 20-40 sand  
1500 gal with 2#/gal 20-40 sand  
1500 gal with no sand and 6 balls.  
3000 gal with 1# gal 20-40 sand  
1900 gal with 1 1/2#/gal 20-40 sand (over)

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

SIGNED J. Gregory Merrion TITLE Operator DATE August 22, 1974

APPROVED BY Gregory L. Merrion TITLE SUPERVISOR DIST. #3 DATE AUG 22 1974

CONDITIONS OF APPROVAL, IF ANY:

Average injection rate 9 bbls/min at 3300 psi. Flowed back and swabbed Mancos-Mesaverde section until about 60% of frack water was recovered. Swabbing at final rate of 50 BOPD and 250 bbls frack water per day with small amount of gas. Reset packer and tested Mancos zone 4793-4813 separately. Swabbed at rate of 6 BOPD and 34 bbls frack water/day. Ran retrievable bridge plug and packer and straddled lower Mesaverde zone 4531-41 and swabbed at rate of 48 BOPD and 85% frack water. Tripped tubing and ran pump and rods. Well on pump August 14, 1974. On August 17, 1974 well tested 36 BOPD + 72 BWPD + 50 MCF/day gas. Water seemed fresh.