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## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-78

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	8. Farm or Lease Name
Merrion Oil & Gas Corporation	Enchilada
3. Address of Operator	9. Well No.
P. O. Box 1017, Farmington, New Mexico 87499	No. 1
4. Location of Well	10. Field and Pool, or Wildcat
UNIT LETTER B 860 FEET FROM THE North LINE AND 1825 FEET FROM East LINE, SECTION 16 TOWNSHIP 23N RANGE 6W NMPM.	Counselors Gallup Ext.
15. Elevation (Show whether DF, RT, GR, etc.)	12. County
5773' JBM 5760' GL	Rio Arriba

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"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
		OTHER Completion - well history <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.

Well History attached

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

SIGNED Frank T. Chavez TITLE Operations Manager DATE 3/15/84APPROVED BY Original Signed by FRANK T. CHAVEZTITLE SUPERVISOR DISTRICT # 3DATE MAR 16 1984

CONDITIONS OF APPROVAL, IF ANY:

MERRION OIL & GAS CORPORATION

Enchilada No. 1  
Sec. 16, T23N, R6W  
Rio Arriba Co., New Mexico

3/9/84 Day No. 1. Summary: Move in, rig up Star W No. 7. Start in hole with bit, scraper and 2-3/8" tubing.

3/10/84 Drilled out stage tool @ 4555' KB. Pressure tested to 4000 PSI, Ok. Cleaned out to float collar @ 5667' KB. Circulated clean and pressure tested to 4000 PSI, OK. Pulled one stand. Shut down over the weekend.

3/13/84 Day No. 3. Rig up Western Co. and rolled hole with 10 Bbl plug. Loaded hole with 2% KCL water, 1 gal/1000 Aquaflow. Spotted 250 gal. 15% HCL with 1 gal/1000 Aquaflow across perfs. Trip out of hole. Rigged up Pengo Wireline and ran Gamma-Ray Correlation Log from 5663', wireline TD, to 4200' KB. Perforate 22 holes per open hole Density Log, size .34" select fire. 1 hole each @ 5326, 5328, 5330, 5332, 5334, 5352, 5357, 5461, 5463, 5465, 5467, 5469, 5502, 5505, 5508, 5511, 5530, 5532, 5534, 5536, 5538, 5540' KB.

Rig up frac crew. Breakdown perfs @ 15 BPM, 1950 PSI. Shut down ISIP 600 PSI. Start ball off. Pump 12 Bbls acid with 40 ball sealers. Balled off to 4000 PSI. Flowed pressure off and Pengo retrieved balls. Got all 40 balls back with 22 hits. Rig up Western Co. to frac with 75 Quality Foam in 2% KCL water, 1 gal/1000 Aquaflow.

20,000 Gal.	Foam Pad
5,000 Gal.	1 #/gal. 20/40 sand
5,000 Gal.	1.5 #/gal. 20/40 sand
5,000 Gal.	2 #/gal. 20/40 sand
10,000 Gal.	2.5 #/gal. 20/40 sand
10,000 Gal.	3 #/gal. 20/40 sand
13,000 Gal.	3.5 #/gal. 20/40 sand
10,625 Gal.	4 #/gal. 20/40 sand
3,547 Gal.	Foam Flush

Total Sand - 165,500 Lbs. 20/40 sand.

Total Water - 490 Bbls water.

Average 25 BPM @ Avg. 2900 PSI. Maximum 3000 PSI.

1,533,978 SCF of N2.

ISIP 2300 PSI.

Final Pressure after 15 minutes 2200 PSI.

3/14/84 Well made 96 Bbls fluid to frac tank overnight through 1/2" choke, mostly water. Took choke out of line. Well made 24 Bbls in 1 hour flowing 35 PSI through 2" line - all oil. Killed well. Trip in hole with Baker hydrostatic bailer on 2-3/8" tubing. Tagged sand @ 5572' KB. Cleaned out 95' of sand to 5667' KB, PBTD. No sand fill in perfs. Trip out of hole with hydrostatic bailer. Trip in hole with 2-3/8" tubing string, saw-tooth collar on bottom. Seating nipple 1 joint off bottom. Left total of 165 joints of tubing, 5319.52'. Hung off tubing, flanged up wellhead. Tubing @ 5331.52' KB. Swabbed well in. Flowed to frac tank overnight. Shut down overnight.

3/15/84 Well made 137 Bbls overnight. Flowing with 50 PSI on tubing, 400 PSI on casing. Rig down, move off.

# MERRION OIL & GAS CORPORATION

Enchilada No. 1  
Sec. 16, T23N, R6W  
Rio Arriba County, New Mexico

2/15/84 Haul out 8-5/8" surface pipe. Set anchors. Ready to move rig on.

2/16/84 Day No. 1. TD 230. Set 210' of surface casing @ 230' KB with 175 sx cement. Current operation drilling.

2/17/84 Day No. 2. TD 3011. Current operation drilling. Mud wt. 8.9, Vis. 36, Water Loss 7. Survey: 740' - 1, 1240' - 3/4, 1740' - 1-1/4, 2144' - 1-1/2, 2662' - 1, 2858' - 1.

2/18/84 Day No. 3. TD 4030. Current operation drilling. Mud wt. 9.0, Vis. 35, Water Loss 6.2. Survey: 4420' - 1, 4978' - 1-1/2.

2/19/84 Day No. 4. TD 4978. Current operation surveying. Mud wt. 9, Vis. 35, Water Loss 6.4.

2/20/84 Day No. 5. TD 5470. Current operation drilling. Mud wt. 9, Vis. 35, Water Loss 6.2. Survey: 5218' - 1-1/2.

2/21/84 Day No. 6. TD 5700. Current operation logging. Mud wt. 9.2, Vis. 90, Water Loss 6.4. Survey: 5660' - 1-1/2.

2/22/84 Day No. 7. Ran 4-1/2" casing. Details on tomorrow's report. Rig down, move off.

2/23/84 Drillers T.D. 5700' KB  
Loggers T.D. 5692' KB  
Casing T.D. 5700' KB

ITEM	LENGTH	DEPTH_KB
Guideshoe	.80'	5700'
#1 joint Shoejoint	30.18'	
Bakerline Float Collar	1.72'	5667.30'
2-38-37 joints 4.5" casing	1111.00'	
Bakerline Stage Tool	1.74'	4554.56'
151 joints 4.5" casing	4580.75'	26.19 above KB
	5726.19 total string	

Total 4.5" 11.6#/ft U.S. Steel K-55 seamless S.T.&C. 188 joints of 5693.33' of casing threads off. Picked up joint #189 to cement and layed down. Circulated to bottom. Circulated 1-1/2 hours. Rigged up Dowell to cement 1st stage. 1st stage - pump 10 Bbls water ahead of 225 sx Class H cement, 2% gel. Yield 1.22 cu.ft./sk. (274.5 cu.ft.), density 15.4#/gal. Shutdown wash up pump and lines. Dropped plug and displaced with 15 Bbls water and

73.5 Bbls mud. Total displacement 88.5 Bbls. Bumped plug, bled off pressure. Float held good. 7:15pm. Dropped opening bomb. Wait 20 minutes. Open stage tool and circulated between stages 3-1/4 hours. 2nd stage - pump in 10 Bbls water ahead of lead cement. 700 sx Class B cement with 2% D-79 chemical extender. Yield 2.06 cu.ft./sk (1442.00 cu.ft.), density 12.5 #/gal. Tail in with 100 sx Class H cement with 2% gel. Yield 1.22 cu.ft./sk. (122 cu.ft.), density 15.4 #/gal. Shutdown wash lines. Dropped plug. Displaced with 71 Bbls water. Bumped plug at midnight. Bled pressure off. Plug held good. Rig down Dowell. Set casing slips as cemented. Cut off casing and move Four Corners Rig #10 to Canyon Largo Unit No. 333. Wilson Temperature survey: Top of cement at 400' KB, PB at 4522' KB.