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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 type="checkbox"/> Fee <input checked="" type="checkbox"/>

5. State Oil & Gas Lease No.
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## 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 Merrion Oil & Gas Corporation	8. Farm or Lease Name Salazar G Com 21
3. Address of Operator P. O. Box 1017, Farmington, New Mexico 87499	9. Well No. 1
4. Location of Well UNIT LETTER <u>G</u> <u>1650</u> FEET FROM THE <u>North</u> LINE AND <u>1850</u> FEET FROM <u>East</u> <u>21</u> TOWNSHIP <u>25N</u> RANGE <u>6W</u> NMPM.	10. Field and Pool, or Wildcat Devils Fork Gallup
15. Elevation (Show whether DF, RT, GR, etc.) 6309' GL	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"/> TEMPORARILY ABANDON <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> OTHER <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> CASING TEST AND CEMENT JOBS <input checked="" 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.
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See attached for squeeze information.



18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.		
SIGNED <u>Frank T. Chavez</u>	TITLE <u>Operations Manager</u>	DATE <u>11/19/82</u>
Original Signed by <u>FRANK T. CHAVEZ</u>	SUPERVISOR DISTRICT # <u>3</u>	DATE <u>NOV 25 1982</u>
APPROVED BY _____		
CONDITIONS OF APPROVAL, IF ANY:		

MERRION OIL & GAS CORPORATION

Salazar G Com 21-1  
Sec. 21, T25N, R6W  
Rio Arriba County, New Mexico

Squeeze cementing of hole between 2276' KB and 2292' KB. Trip out of hole with straddle packers set up as one packer after locating hole on 11/8/82. Trip in hole with Model R packer and tubing to set @ 1925' KB. Pressure backside to 500 PSI with rig pump and rig up Dowell, Terry Tecklenburg, to cement down the tubing with 50 sx Class H w/1% CACL. Mixed 1.05 cu. ft/sk with density of 16.4. 9.4 Bbls of slurry. Shut down and wash up lines and pump. Displace 9 Bbls @ 3 BPM, 400 PSI, S.D. Hesitate 10 minutes and pump 1/2 Bbl @ 1/8 BPM, 450 PSI, S.D. Hesitate 10 minutes and pump 1/2 Bbl @ 1/8 BPM, 500 PSI, S.D. Hesitate 20 minutes and pump 1/2 Bbl @ 1/8 BPM, 500 PSI, S.D. Hesitate 30 minutes and pump 1/2 Bbl @ 1/8 BPM, 550 PSI, S.D. Hesitate 30 minutes and pump 1/2 Bbl @ 1/8 BPM, 500 PSI, S.D. Pressure bled down to 300 PSI. Shut in tubing and backside. Shut down overnight.

Shut down all day to let cement harden. Trip out with tubing and packer. Trip in with 2-3/8" tbg. and bit. Tag cement @ 2168' KB - drill out to 2289. Clean up. Pressure test to 1500 PSI. Got 1400 PSI and broke down. Pump in @ 1 BPM @ 800 PSI. Trip out, run packer to 1925'. Shut down overnight.

Trip in hole with 2-3/8" tubing and Model R packer to set @ 1925' KB. Rig up Dowell on the tubing and establish an injection rate @ 2 BPM. Started cement and something went wrong with the cement slurry. Could not get it up to weight. Shut down. Release packer and reverse tubing clean. Sent Dowell bulk truck back to town for another 50 sx Class H with 1% CACL. Trip out of hole with tubing and packer. Trip in hole with bit and scraper to make sure all cement was out of the casing. Reverse circulate 60' below the hole and got cement water back. Trip out of hole with bit and scraper. Trip in hole with new packer to set @ 1925' KB and put 500 PSI on backside. Wait on cement truck from town. Cement got to location @ 1:30 PM. Mix and pump 50 sx Class H 1% CACL, yield of 1.05 cu. ft/sk., density 16.5. Wash pump and lines and displace with 8 Bbls water. Shut down. 1000 PSI held 10 minutes. Pump 1/4 Bbl. Pressure up to 2,500 PSI. Shut down 30 minutes. Pressure down to 1000 PSI. Bled pressure off. Got 1/4 Bbl flow back. Unset packer and trip out of hole with tubing and packer. Put 500 PSI on casing and shut down over weekend.

Trip in hole with bit, scraper and 2-3/8" tubing. Tagged cement @ 1880' KB 45' above where the packer had been set during squeeze cement job on Friday. Drilled out very hard cement to 2070' KB and cement got soft. Washed and drilled out cement stringers to 2285' KB. Pressure test to 1500 PSI. Bled down to 1400 PSI in 5 minutes. Pressure back up to 1500 PSI and bled off to 1400 PSI in 5 minutes again. Shut down overnight.

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Had pulled above the hole last evening. This morning, dropped down and tagged cement @ 2252' KB with bit and scraper. Approximately 30' above the squeeze hole. Cleaned out soft cement to 2335' KB and pressure tested with rig pump. Pumped into hole. 1100 PSI @ 1/2 BPM. Called Dowell for cementing trucks. Trip out of hole with 2-3/8" tubing, bit and scraper. Trip in hole open ended to 2312' KB. Dowell, Terry Tecklenburg, rigged up to spot cement. Establish circulation down the tubing. Mix and pump 30 sx Class H cement with 1% CACL and 6% fluid loss additive. Yield 1.18 cu. ft/sk. (35.4 cu. ft.) density 15.6, 6.3 Bbls of slurry. Displace with 7.2 Bbls of water. Shut down. Pull tubing above cement and reverse tubing clean. Shut in the tubing and squeeze down the backside. Displaced 1-1/4 Bbls. Pressure up to 3000 PSI. Shut down. Watch pressure for 30 minutes. Did not bleed off at all. Left 3000 PSI on casing and tubing. Shut down overnight.