

# MERRION OIL & GAS CORPORATION

Roadrunner NO. 1  
Sec. 2, T24N, R8W  
San Juan County, New Mexico

4/9/84 Move in, rig up Four Corners Rig No. 10. Day No. 1 TD 243'. Current operation waiting on cement. Set 7 joints 8-5/8", 24 #/ft, J-55 surface casing @ 235' KB with 170 sk (350.2 cu.ft.) cement. Circulate 3 Bbls to surface.

4/10/84 Day No. 2. TD 2501'. Current operation drilling. Mud wt. 8.8, Vis. 32, Water loss 8. Survey: 733' - 1/2, 1274' - 1, 1652' - 1-1/4, 2148' - 1.

4/11/84 Day No. 3. TD 3526'. Current operation drilling. Mud wt. 8.9, Vis. 34, Water loss 7.5. Survey: 2650' -3/4, 2724' - 1, 3272' - 1.

4/12/84 Day No. 4. TD 4370. Current operation drilling. Mud wt. 9, Vis. 32, Water Loss 7. Survey: 3772' - 1, 4276' - 3/4.

4/13/84 Day No. 5. TD 4950. Current operation drilling. Mud wt. 9, Vis. 32, Water Loss 7.5. Survey: 4668' - 1.

4/14/84 Day No. 6. TD 5620. Current operation drilling. Mud wt. 9, Vis. 32, Water Loss 7.5. Survey: 5156' - 1.

Daily est. cost: \$8,005.00. Cum. est. cost: \$63,811.00.

4/15/84 Day No. 7. TD 6225. Current operation drilling. Mud wt. 9, Vis. 36, Water Loss 6.5. Survey: 5658' - 1.

4/16/84 Day No. 8. TD 6845. Current operation drilling. Mud wt. 9, Vis. 35, Water Loss 6.8. Survey: 6122' - 1-1/2, 6714' - 1-3/4.

4/17/84 Day No. 9. TD 7118. Current operation drilling. Mud wt. 9.1, Vis. 58, Water Loss 6. Survey: 6714' - 1-3/4, 7071' - 1-3/4.

4/18/84 Day No. 10. TD 7220. Current operation laying down drill pipe. Mud wt. 9.1, Vis. 58, Water Loss 6. Ran Induction and Compensated Density Logs. Loggers TD 7230' KB. Preparing to run 4-1/2" casing.

4/19/84 Drillers TD 7220' KB.  
Loggers TD 7230' KB.  
Casing TD 7226' KB.

Item	Length	Depth' KB
Guideshoe	.80	7226
Shoejoint	40.02	
Diff. Fill Floatcollar	1.72	7183.46
50 Joints 4.5: casing	1971.02	
Stage Tool	1.74	5210.70
133 joints 4.5" casing	5243.35	
	7258.65'	

Circulated the last joint of casing down and circulated with rig pump 2 hours to lower mud viscosity to 55-60 sec. visc. Rig up Dowell to cement 1st stage. Pump 10 Bbls water ahead of 450 sk Class H cement with 2% gel. Yield 1.22 cu. ft./sk, density 15.4 #/gal. Shut down wash up pump and lines. Dropped plug and displaced with 30 Bbls water and 85 Bbls mud, 115 Bbls. Bumped plug. Bled pressure off float, held good. Droppped opening bomb. Plug down @ 3:15 PM, 4/18/84. Wait 30 minutes for bomb to fall. Opened stage tool. Turned over to rig to circulate. 6:15 PM, Dowell started 2nd stage. Pump 10 Bbls water ahead of 1200 sk Class B with 2% d-79, Yield 2.06 cu. ft/sk. Density 12.5 #/gal. and tail in with cement 100 sk Class H with 2% gel, 1.22 cu. ft/sk, density 15.4 #/gal. Shut down, wash up pump and lines. Dropped plug and displaced with 82.5 Bbls of water. Plug down @ 8:00 PM 4/18/84. Rigged down Dowell. Set casing in slips as cemented.