

# Mineral Resources, Inc.

## SURFACE CASING REPORT

**Meadowview 3-1-22**

NWSE SEC. 22 5N 66W

Hwy 85 north to Hwy 34, west to 47th ave., 1/2 south, west to location

13-Sep-11			1	42.44	21
PERMIT DEPTH	<b>560</b>		2	42.10	22
DRILLED TO	634		3	40.63	23
JTS ON RACK	14	603.98	4	42.21	24
JTS RUN	14	603.98	5	42.22	25
LANDED AT		<b>620.78</b>	6	45.16	26
JTS OUT	0	0.00	7	45.08	27
			8	45.10	28
			9	45.09	29
			10	42.21	30
			11	42.24	31
			12	45.16	32
			13	42.20	33
			14	42.14	34
			15		35
			16		36
			17		45
			18		38
			19		39
			20		40

0.80 SHOE  
16 KB

### TIME BREAK DOWN

TD ON SURFACE 9-13-11	6:15		PLUG DOWN	12:30
CIRCULATE	6:15	-	11 bbls cement returns	
WIPER TRIP	6:45	-		
CIRCULATE	7:45	-		
TOH	8:00			
RIG UP CASERS & S.M	8:15	-		
RUN CASING				
CIRCULATE	11:15			
CEMENT	11:30			

### CEMENT REPORT

Ran notched shoe, Insert float 1st collar, centralizers on collars 1, 5, 10, cement basket at 80 foot  
 Cementers pumped 20 bbls water pre-flush.  
 Then mix and pump 440 sks neat cmt w/ 3% CaCl and 0.125 lbs/sk flocel mixed at 14.8-15.0 PPG, Yield 1.18cu/ft/sk  
 Displace w/ 36.5 bbls water, bumped plug to 1034 PSI. 11 bbls cement returns

Observe testing of casing by High Tech Rental Tools 9-14-2011 00:15-02:00

Test TIW, check valve, 4.5 pipe rams, outside manifold valves, kill valve, 250 low, 2250 high 15 minutes 00:15-00:30  
 Test kill line valve, choke line manuel valve 250 low, 2250 high 00:30-00:45  
 Test annular 250 low, 1500 high 00:50-01:05  
 Test blind rams, HCR valve , low 250 high 2250, 01:10-01:25  
 Test casing, 2065 01:45-02:00  
 All tests held