

TREATMENT REPORT

LOCATION 44-51

Jessy Part Richard

DATE 12-8-11	WELL NAME Long C20-22D	SECTION 20	TWP 4N	RGE 6W	COUNTY Weld	FORMATION
CHARGE TO Noble		OWNER				
MAILING ADDRESS		OPERATOR Noble				
CITY		CONTRACTOR Saxon Hill				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION 2:30pm		TIME LEFT LOCATION 7:00pm				

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
12 3/4				
TOTAL DEPTH 753	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
PRTD 695.56	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE 8 5/8	TUBING CONDITION		TUBING	
CASING DEPTH 741		TREATMENT VIA	TYPE OF TREATMENT	
CASING WEIGHT 2415	PACKER DEPTH		[ ] SURFACE PIPE	BREAKDOWN BPM
CASING CONDITION good			[ ] PRODUCTION CASING	INITIAL BPM

PRESSURE SUMMARY		[ ] SQUEEZE CEMENT	FINAL BPM		
BREAKDOWN or CIRCULATING	psi	AVERAGE	psi	[ ] ACID BREAKDOWN	MINIMUM BPM
FINAL DISPLACEMENT	psi	ISIP	psi	[ ] ACID STIMULATION	MAXIMUM BPM
ANNULUS	psi	5 MIN SIP	psi	[ ] ACID SPOTTING	AVERAGE BPM
MAXIMUM	psi	15 MIN SIP	psi	[ ] MISC PUMP	
MINIMUM	psi			[ ] OTHER	$HYD\ HHP = RATE \times PRESSURE \times 40.8$

INSTRUCTIONS PRIOR TO JOB Rig up, Settle, mixing, Per cement, clear 4044s KLL H2O, 2.810 w/ Dye, mix Pump 320  
 sks cement at 30% Excess at 1.27 yield at 152 lbs cement. All cement steps is no more than 50%  
 Excess, Preload Plug Disp 411.3 BBLs H2O, Pump Plug at 150 Psi over Lift Psi, wait 5 min, Release  
 Psi, wash up Rig Down. H2O ok  
 drilled w/ 6.50 sks cement 411.1 xcl 1602 Dye 72.3 BBLs slurry

## JOB SUMMARY

DESCRIPTION OF JOB EVENTS		TIME	REMARKS
Drop Plug	6:11 pm	Displace 6:11 pm	
10 BBIs AT 5.0 BBIs/m	6:14 pm	180 psi	used 20% Evress
20 BBIs AT 5.0 BBIs/m	6:16 pm	300 psi	used 295 sls cement
30 BBIs AT 5.0 BBIs/m	6:18 pm	340 psi	66.7 BBIs slurry
40 BBIs AT 3.5 BBIs/m	6:25 pm	320 psi	
44.3 BBIs AT 1.0 BBIs/m	6:28 pm	240 psi	
Bramp Plug	6:28 pm	510 psi	

L54m / 355 g's cement / 3011 Vol 602 Dye BB1's Back 10

AUTHORIZATION TO PROCEED

TITLE

DATE \_\_\_\_\_