

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 11683

LOCATION GROVER

FOREMAN Jon

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
1/2/13	Plasnik Federal LC-19-74HN	MURRIN	9N	59W	Weld	

CHARGE TO <u>Noble</u>	OWNER
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR <u>H&P 322</u>
STATE ZIP CODE	DISTANCE TO LOCATION <u>70</u>
TIME ARRIVED ON LOCATION <u>1:50 pm</u>	TIME LEFT LOCATION
<u>Reg 4:00 pm</u>	

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
<u>13 3/4</u>					
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PB 708</u>					
CASING SIZE	TUBING WEIGHT	OPEN HOLE	STRING		
<u>9 5/8</u>					
CASING DEPTH	TUBING CONDITION		TUBING		
<u>752</u>					
CASING WEIGHT	PACKER DEPTH				
<u>36</u>					
CASING CONDITION					
<u>New</u>					

PRESSURE SUMMARY			TREATMENT RATE		
BREAKDOWN or CIRCULATING	psi	AVERAGE	psi		
FINAL DISPLACEMENT	psi	ISIP	psi		
ANNULUS	psi	5 MIN SIP	psi		
MAXIMUM	psi	15 MIN SIP	psi		
MINIMUM	psi				

INSTRUCTIONS PRIOR TO JOB MURRIN, JSA, 10 bbl fresh, 10 bbl dye, 44.5 lbs Fresh, M&P
skt of Type III, 10/3% CCA, 1/4 lb of cellulose per/sk, drop plug &
displace 54.7 bbls

Capacity 661/sk, 0.773, Capacity cuft. 434, Ann cuft. 5259

JOB SUMMARY

DESCRIPTION OF JOB EVENTS
MURRIN JSA Circ M&P Drop plug Displace MURRIN
5:30 6:15 7:07 7:27 8:00 8:45

8:01	0	260
8:04	10	260
8:06	20	220
8:08	30	300
8:10	40	360
8:17	54.7	300 shut in @ 700

10% excess
4.5 bbls
to pit
M Sifton
81.4 bbl
press test to 1000 psi
from 8:22 to 8:37

AUTHORIZATION TO PROCEED _____ TITLE _____ DATE 1/2/13

Customers hereby acknowledges and specifically agrees to the terms and conditions on this work order, including, without limitation, the provisions on the reverse side hereof which include the release and indemnity