

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 9267

LOCATION WCR 62159

FOREMAN Calvin Reimers

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
8-8-10	Lucci B 01-99H2	1	5N	64W	Weld	

CHARGE TO <u>Noble</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Noble</u>
CITY	CONTRACTOR <u>H&P Rig 315</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>11:25 pm.</u>	TIME LEFT LOCATION <u>1:00 pm.</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>13 3/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>650</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PBTD 601.46</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>9 5/8</u>	TUBING CONDITION		TUBING		

TREATMENT VIA			TYPE OF TREATMENT		TREATMENT RATE	
CASING DEPTH <u>642.82</u>			<input checked="" type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM	
CASING WEIGHT <u>36 lb.</u>	PACKER DEPTH		<input type="checkbox"/> PRODUCTION CASING		INITIAL BPM	
CASING CONDITION <u>Good</u>			<input type="checkbox"/> SQUEEZE CEMENT		FINAL BPM	

PRESSURE SUMMARY					
BREAKDOWN or CIRCULATING psi	AVERAGE psi		<input type="checkbox"/> ACID BREAKDOWN		MINIMUM BPM
FINAL DISPLACEMENT psi	ISIP psi		<input type="checkbox"/> ACID STIMULATION		MAXIMUM BPM
ANNULUS psi	5 MIN SIP psi		<input type="checkbox"/> ACID SPOTTING		AVERAGE BPM
MAXIMUM psi	15 MIN SIP psi		<input type="checkbox"/> MISC PUMP		
MINIMUM psi			<input type="checkbox"/> OTHER		HYD HHP = RATE X PRESSURE X 40 S

INSTRUCTIONS PRIOR TO JOB Rig up, Safety meeting, Per Company Man, Circ 45 bbls. H₂O with KCL + Dye x 10 in 2nd 10 bbls. Mix & pump Tell Dye is seen then pump tub + 10 bbls Slurry at 15.2 lbs. 1.27 yield, Drop plug, Displace 46.4 bbls. H₂O, Bump plug at 500 Psi over Lift Psi, Wait 5 min. then bleed off Psi, Wash up, Rig down, H₂O tested good, We have 700 Sacks cement, 32 oz Dye, 16 qts KCL,

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Safety meeting 9:35 am, Circ 11:14 am, Cement 11:23 am

Drop plug 11:55 am, Displace 11:58 am

10 bbls 310 Psi 12:02 am 7.0 bbls/m
20 bbls 390 Psi 12:03 am 7.0 bbls/m
30 bbls 450 Psi 12:05 am 7.0 bbls/m
40 bbls 510 Psi 12:06 am 6.0 bbls/m
46.4 bbls 270 Psi 12:07 am .8 bbls/m

Bump Plug 790 Psi at 12:08 am Psi held for 5 min
USED 38% Excess = 371 Sacks cement, 83.9 bbls Slurry
Left with 329 Sacks cement, 26 oz Dye, 11 qts KCL
15 bbls Slurry To The Pit

Johnny Sany
 AUTHORIZATION TO PROCEED

CO-MAN
 TITLE

8-8-10

DATE

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