

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 9626
LOCATION WCR 95+122
FOREMAN CALVIN REIMERS

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
2-22-11	Cox PC GK 35-99H2	35	11N	61W	Weld	

CHARGE TO <u>Noble</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Noble</u>
CITY	CONTRACTOR <u>H&P Rig 343</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>12:05 pm</u>	TIME LEFT LOCATION <u>5:30 pm</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>13 3/4"</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>1500</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PBTD 1448.14</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>9 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>1498.16</u>		TREATMENT VIA	TYPE OF TREATMENT	TREATMENT RATE	
CASING WEIGHT <u>36 lb.</u>	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
CASING CONDITION <u>Good</u>			<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM	
			<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM	
			<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM	
			<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM	
			<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM	
			<input type="checkbox"/> MISC PUMP		
			<input type="checkbox"/> OTHER	HYD HHP = RATE X PRESSURE X 40.8	

PRESSURE SUMMARY			
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 Rig up, Safety meeting, Per Company Man, Circ 50 bbls, H₂O with KCL + Dye x 16 in Last 10 bbls, Lead Mix pump 30% excess to cover 1200' = 486 sks, 146.28 bbls - Slurry at 131 lbs, 1.69 yield, Tail, Mix pump 0% excess to cover 300' + shoe = 140 sks, 31.66 bbls at 152 lbs 1.27 yield, Drop plug, Displace 112 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 sks cement, 32 oz Dye, 15 qts KCL,

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Safety meeting 2:16 pm, Circ 2:44 pm, Cement 2:58 pm to 3:47 pm. Drop plug 3:49 pm, Displace 3:50 pm. 70 bbls 500 Psi 4:06 pm 7.0 bbls/sfm 10 bbls 50 Psi 3:56 pm 30 bbls/sfm 80 bbls 550 Psi 4:07 pm 7.0 bbls/sfm 20 bbls 350 Psi 3:58 pm 70 bbls/sfm 90 bbls 600 Psi 4:09 pm 7.0 bbls/sfm 30 bbls 350 Psi 4:00 pm 7.0 bbls/sfm 100 bbls 700 Psi 4:10 pm 7.0 bbls/sfm 40 bbls 350 Psi 4:01 pm 7.0 bbls/sfm 110 bbls 470 Psi 4:12 pm 1.5 bbls/sfm 50 bbls 350 Psi 4:03 pm 7.0 bbls/sfm 112 bbls 420 Psi 4:15 pm 1.0 bbls/sfm 60 bbls 420 Psi 4:04 pm 7.0 bbls/sfm Bump Plug 890 Psi at 4:15 pm Float collar held USED 626 SKs, 177.94 bbls Slurry Left with 74 SKs cement, 16 oz. Dye, 10 qts. KCL 14 bbls Slurry To The P.T

Calvin Reimers AUTHORIZATION TO PROCEED CO-Rep TITLE 2-22-11 DATE