

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 9627

LOCATION Hwy 392+63

FOREMAN CALVIN REIMERS

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
2-25-11	BASHOR PC AA 09-22	9	6N	63W	Weld	

CHARGE TO <u>Noble</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Noble</u>
CITY	CONTRACTOR <u>Cade Rig 22</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>1:00 AM.</u>	TIME LEFT LOCATION <u>12:15 PM.</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>588</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PBTD 538.03</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>581.14</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>24 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 30 bbls H₂O with KCL + Dye x 10 in 2nd 10 bbls, Mix + pump tell Dye is seen then pump up only at 15.2 lbs. 1.27 yield, Drop plug, Displace 34.2 bbls H₂O, Bump plug at 150 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, 10 Qts KCL

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Safety meeting 10:02 am, Circ 10:47 am, Cement 10:52 am to 11:08 am
Drop plug 11:10 am, Displace 11:11 am
10 bbls 290 Psi 11:13 am 7.0 bbls/m
20 bbls 420 Psi 11:15 am 7.0 bbls/m
30 bbls 400 Psi 11:19 am 4.5 bbls/m
34.2 bbls 290 Psi 11:21 am 1.0 bbls/m
Bump Plug 450 Psi At 11:21 am Float Collar held
USED 43 1/2 % Excess = 275 SKs, 62.2 bbls Slurry
Avg Cement 3.88 bbls/m
Left with 425 SKs, 22 oz Dye, 7 Qts KCL

11 bbls Slurry To the Pit

[Signature]
AUTHORIZATION TO PROCEED

TITLE

2-25-11

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.