

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 9634
LOCATION WCR 47+38
FOREMAN CALVIN REIMERS

TREATMENT REPORT

DATE <u>3-9-11</u>	WELL NAME <u>ARISTOCRAT PC H 11-29D</u>	SECTION <u>11</u>	TWP <u>3N</u>	RGE <u>65W</u>	COUNTY <u>Weld</u>	FORMATION
CHARGE TO <u>Noble</u>		OWNER				
MAILING ADDRESS		OPERATOR <u>Noble</u>				
CITY		CONTRACTOR <u>ENSGRIG RIG 121</u>				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>12:10 pm</u>		TIME LEFT LOCATION <u>3:30 pm</u>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>708</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PBTD 658.06</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>701.48</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 40 bbls H₂O with KCL + Dye in 2nd 10 bbls, Mix + pump till dye is seen then pump tub only at 15.2 lbs. 1.27 yield, Drop plug, Displace 41.9 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, 32 oz Dye, 15 Qts KCL

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Safety meeting 1:18 pm, CIRC 2:11 pm, CEMENT 2:18 pm to 2:33 pm
Drop Plug 2:34 pm, Displace 2:35 pm
10 bbls 300 Psi 2:38 pm 7.0 bbls/m
20 bbls 400 Psi 2:40 pm 7.0 bbls/m
30 bbls 500 Psi 2:41 pm 7.0 bbls/m
40 bbls 300 Psi 2:46 pm 1.0 bbls/m
41.9 bbls 300 Psi 2:48 pm 1.0 bbls/m
Bump Plug 450 Psi at 2:48 pm Float Collar held
USED 15% EXCESS = 264 SACKS, 59.71 bbls Slurry
Avg. Cement 3.98 bbls/m
Left with 436 sks, 22 oz Dye, 11 Qts KCL
9 bbls Slurry To The P.T

Nancy Stapleton

AUTHORIZATION TO PROCEED

TITLE

3-9-11

DATE