

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 10635  
LOCATION WCR 61 +70  
FOREMAN Min Rosales  
LA mark

## TREATMENT REPORT

DATE <u>12-9-11</u>	WELL NAME <u>Hagemister USA AA-07-05</u>	SECTION <u>7</u>	TWP <u>6</u>	RGE <u>63W</u>	COUNTY <u>Weld</u>	FORMATION
CHARGE TO <u>Noble</u>		OWNER				
MAILING ADDRESS		OPERATOR <u>Noble</u>				
CITY		CONTRACTOR <u>CADL</u>				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>7:45</u>		TIME LEFT LOCATION <u>10:45</u>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>580</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>DBTS 530.17</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>573</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>24 lbs</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

INSTRUCTIONS PRIOR TO JOB Rig up, Saffymed, PSE TEST 500 PSE Circulate 30 130 BBLs hold / KCL mix  
2nd 10 Dye mix pump 246 SKS Cement (30% Excess) yield 1.27, at 15-21B) or until Pumpers  
Stoppers, Release plug 337 Displace H2O Bump Plug 150 over 1.1L Release Pst Wash Rig Down  
H2O TEST Good

Arrived 600 SKS Cement 16 qts KCL 160# Dye Slurry  
JOB SUMMARY  
DESCRIPTION OF JOB EVENTS Saffymed 8:42 AM Circulate 9:03 AM Cement 9:12 AM  
Drop plug 9:35 AM Displace 9:35 AM

10 BBLs at 4-7 BBLs/min 9:39 260 PSE Used 28% 90 Excess  
20 BBLs at 4-7 BBLs/min 9:41 310 PSE Used 243 SKS Cement  
30 BBLs at 1-5 BBLs/min 9:45 240 PSE Slurry 54.9  
337 BBLs at 1-5 BBLs/min 9:48 320 PSE  
Bump Plug 15 BBLs/min 9:48 520 PSE

Flow Collar held BBLs Back AT  
Cell with SKS Cement qts KCL & Dye  
(4)

M. Sifton  
AUTHORIZATION TO PROCEED

TITLE

12-9-11  
DATE