

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102
Denver, Colorado 80202
Phone: 303-296-3010
Fax: 303-298-8143
E-mail: bisonoil1@qwestoffice.net

REF. INVOICE # 10138
LOCATION WCR 19 & 27
FOREMAN Grant Lowe

TREATMENT REPORT

DATE 6-30-11	WELL NAME Strear K03-73HN	SECTION 3	TWP ZN	RGE 67W	COUNTY Weld	FORMATION
CHARGE TO Noble		OWNER				
MAILING ADDRESS		OPERATOR				
CITY		CONTRACTOR				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION 7:00pm		TIME LEFT LOCATION 11:10pm				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 13 3/4	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH 854	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD 800	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 9 5/8	TUBING CONDITION		TUBING		
CASING DEPTH 820		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 36lbs	PACKER DEPTH		[] SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION GOOD			[] PRODUCTION CASING		INITIAL BPM
			[] SQUEEZE CEMENT		FINAL BPM
			[] ACID BREAKDOWN		MINIMUM BPM
			[] ACID STIMULATION		MAXIMUM BPM
			[] ACID SPOTTING		AVERAGE BPM
			[] MISC PUMP		
			[] 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 Co man. Press test to 1000psi. Circulate 60bbls H₂O/KCL with dye & 16oz 200 10bbls. Mix and pump cement @ 15.2 density @ 1.27 yield until dye is seen, pump tub only, not to exceed 30% excess without consulting Co man. drop plug, displace 63.7 bbls. Bump plug 500psi over lift press, wait 5min, release press. Washup Rig down. H₂O tested good. Arrived on location with - 700 sts, 32oz dye, 12gts KCL.

JOB SUMMARY

DESCRIPTION OF JOB EVENTS

Safety meeting @ 7:00pm, Circulate @ 9:30pm, Cement @ 9:40 to 10:05pm,

drop plug @ 10:07, Displace @ 10:08,

10bbls @ 280psi @ 10:09pm @ 7.0bbls/min

20bbls @ 300psi @ 10:10pm @ 7.0bbls/min

30bbls @ 400psi @ 10:12pm @ 7.0bbls/min

40bbls @ 490psi @ 10:14pm @ 7.0bbls/min

50bbls @ 550psi @ 10:15pm @ 7.0bbls/min

60bbls @ 400psi @ 10:17pm @ 6.0bbls/min

63.7bbls @ 400psi @ 10:18pm @ 10bbls/min

Bump plug @ 550psi @ 10:20pm,

Float collar held

left with 293 sts, 16oz dye, 6gts KCL

15% Excess

407 sacks

92bbls slurry

13bbls to pit

[Signature]

[Signature]

6-30-11

AUTHORIZATION TO PROCEED

TITLE

DATE