

BISON OIL WELL CEMENTING, INC.



1738 Wyrkoop St. Ste 102
Denver, Colorado 80202
Phone 303 296-3910
Fax 303 296-6142
E-mail jason@bisonoilwellcementing.net

R# VOICE # 9415
LOCATION Briggsdale Co
FOREMAN Justin Crinklaw

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
12-13-10	State 7-62-36	36	TN	62W	Weld	

WORK TO	Excell	OWNER	
MAILING ADDRESS		OPERATOR	
CITY		CONTRACTOR	
STATE ZIP CODE		DISCOUNT TO LOCATION	123
TIME ARRIVED ON LOCATION	6:30am	REG	7:00am
		TIME LEFT ON LOCATION	

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	12 1/4	TUBING SIZE		THEORETICAL	INSTRUCTED
TOTAL DEPTH	514	TUBING DEPTH		SURFACE PRESSURE (PSI)	
		TUBING WEIGHT		STRESS	
CASING SIZE	9 5/8	TUBING CEMENT		TUBING	
CASING DEPTH	511.33	468.53			
CASING WEIGHT	36	CASING DEPTH			
CASING CEMENT	good				

PRESSURE SUMMARY				TREATMENT RATE	
BREAKDOWN PRESSURE (PSI)		AVERAGE (PSI)		TYPE OF TREATMENT	BREAKDOWN BPM
FINAL DISPLACEMENT (BBL)		DISP (BBL)		1. PRODUCTION CEMENT	INITIAL BPM
ANNULUS (PSI)		5 MIN SHUT (PSI)		1. SQUEEZE CEMENT	FINAL BPM
MAXIMUM (PSI)		15 MIN SHUT (PSI)		1. ACID BREAKDOWN	MINIMUM BPM
MINIMUM (PSI)				1. ACID STIMULATION	MAXIMUM BPM
				1. ACID SPOTTING	AVERAGE BPM
				1. MISC PUMP	
				1. OTHER	HYD HP = RATE x PRESSURE x 0.18

INSTRUCTIONS PRIOR TO JOB: MIRU Safety Circ M+P 300 lbs of B3 Lite w/ yield of 1.13 Mix 34 bbls of H₂O 7/8" Reg 4.78 gal/sk @ 15.2 Propplug Displace 36 bbls of H₂O Set plug shut in

Annulus - 3.131 Capacity 0.773

JOB SUMMARY

DESCRIPTION OF JOB EVENTS

MIRU Safety Circ M+P Propplug Displace Setplug Shut in
6:30am 3:45pm 3:54pm 3:56pm 4:10pm 4:19pm 4:30pm 4:32pm
12/13/10 4:00pm 4:21 10 300
4:23 20 300
4:25 30 400
4:28 36 600

Waited on rig from 7:00am to 3:30pm on the 14th of Dec.

MIRU @ 4:00pm Deck motor wouldn't start. Had to get pump truck from LaSalle.

Adair

AUTHORIZATION TO PROCEED

TODLUSHER

TITLE

12/14/10

DATE

Customer 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.