

BISON OIL WELL CEMENTING, INC.



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INVOICE # 9381
LOCATION Sterling Co
FOREMAN Justin Crinklaw

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
10-25-10	DOUD 44-5	5	11N	54W	Logan	

CHARGE TO	Excell	OWNER	
MAILING ADDRESS		OPERATOR	
CITY		CONTRACTOR	
STATE ZIP CODE		DISTANCE TO LOCATION	94 mile
TIME ARRIVED ON LOCATION	6:30pm	TIME LEFT LOCATION	

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
11					
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
467					
	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE	TUBING CONDITION		TUBING		
8 5/8					

CASING DEPTH	PACKER DEPTH	TREATMENT VIA	TYPE OF TREATMENT	TREATMENT RATE
463	AB 423		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
CASING WEIGHT			<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM
23				
CASING CONDITION			<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM
good				

PRESSURE SUMMARY					
BREAKDOWN or CIRCULATING	psi	AVERAGE	psi	<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM
FINAL DISPLACEMENT	psi	ISIP	psi	<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM
ANNULUS	psi	5 MIN SIP	psi	<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM
MAXIMUM	psi	15 MIN SIP	psi	<input type="checkbox"/> MISC PUMP	
MINIMUM	psi			<input type="checkbox"/> OTHER	HYD MHP = RATE X PRESSURE X 10.8

INSTRUCTIONS PRIOR TO JOB MIRU Safety Circ MHP 187 sks of B3 Lite 4% yield of 1.13 Mix 21 bbls of H2O 4% H2O Reg 4.78 @ 15.2 Dropplug Displace 26.4 bbls of H2O Shut in

Annulus 2542 Capacity 10637 80% excess as per Steve

JOB SUMMARY

DESCRIPTION OF JOB EVENTS MIRU Safety Circ MHP Dropplug Displace Shut in
6:30pm 10:25pm 10:30pm 10:33pm 10:49pm 10:50pm 10:58pm

10:52 10 250

10:53 20 220

10:57 26.4 210

15 bbls to pit

Steve Crinklaw

AUTHORIZATION TO PROCEED

Justin Crinklaw

TITLE

10-25-10

DATE

Customers hereby acknowledge and specifically agree 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.