

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 10544
LOCATION Vernon Co
FOREMAN Lee Shp

TREATMENT REPORT

DATE <u>11/6/04</u>	WELL NAME <u>Chapman</u>	SECTION <u>NW 33</u>	TWP <u>1S</u>	RGE <u>44W</u>	COUNTY <u>Yuma</u>	FORMATION
CHARGE TO <u>Excel Nable</u>		OWNER				
MAILING ADDRESS		OPERATOR				
CITY		CONTRACTOR <u>Excel</u>				
STATE ZIP CODE		DISTANCE TO LOCATION <u>600</u>				
TIME ARRIVED ON LOCATION <u>10 pm</u>		<u>11 AM</u>		TIME LEFT LOCATION <u>6p</u>		

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>8 3/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>4119</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>7</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>4078</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>23</u>	PACKER DEPTH		<input type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION <u>Good</u>			<input checked="" type="checkbox"/> PRODUCTION CASING <u>Disposal</u>		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 MIRU Safety BC M&P Displace Drop Plug Displace

Wgel - 12
Lead 12.11 gpm 2.21 yield 12.04 gal/side
Tail 13.8 gpm 1.33 yield 6.28 gal/side

JOB SUMMARY
DESCRIPTION OF JOB EVENTS MIRU @ 2pm Safety @ 3pm BC @ 330 M&P 340 DP 455

Displace @
450 1030
452 2080
454 30100
456 4070 501 00 580
458 5080 521 10 580
500 60170 551 20 720
502 70310 591 30 880
504 80340 541 40 980
506 90440 591 50 1180
158 1450

Set plug @ 529
1450 psi

RdCU 545p

10 bbl to pot
20% exl

WELL NAME & NO.
Chapman SWD 1

PROJECT / DATE NO.
151-932

EXPENDITURE TYPE
0017

☐ D & C ☐ 01.1 ☐ 02.1
☐ RECMF ☐ WO
☐ FACIL ☐ P & A ☐ LOC

DATE XX 2011

APPROVED
TOM THOMAS

Signature T. Thomas

AUTHORIZATION TO PROCEED _____ TITLE _____ DATE _____

Customers 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.