

# BISON OIL WELL CEMENTING, INC.



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INVOICE # 11184  
LOCATION Peterz  
FOREMAN Mike Eschen

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
1-8-13	Gains-Guerrero 22-15	15	11N	54W	Loyan	

CHARGE TO Excell Services	OWNER
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR Excell R. 93
STATE ZIP CODE	DISTANCE TO LOCATION 90
TIME ARRIVED ON LOCATION 2:30 A.M.	TIME LEFT LOCATION 9:30

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 11"	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH 481'	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 8 5/8"	TUBING CONDITION		TUBING		

CASING SIZE 8" 45	POB 436.8'		TYPE OF TREATMENT		TREATMENT RATE
CASING DEPTH 476.8'	PBTD 436.8'	TREATMENT VIA			
CASING WEIGHT 24#	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION Good			<input type="checkbox"/> PRODUCTION CASING		INITIAL BPM

PRESSURE SUMMARY				TREATMENT RATE	
BREAKDOWN or CIRCULATING psi	AVERAGE psi	<input type="checkbox"/> ACID BREAKDOWN			FINAL BPM
FINAL DISPLACEMENT psi	ISIP psi	<input type="checkbox"/> ACID STIMULATION			MINIMUM BPM
ANNULUS psi	5 MIN SIP psi	<input type="checkbox"/> ACID SPOTTING			MAXIMUM BPM
MAXIMUM psi	15 MIN SIP psi	<input type="checkbox"/> MISC PUMP			AVERAGE BPM
MINIMUM psi		<input type="checkbox"/> OTHER			HYD HHP = RATE X PRESSURE X 40.8

### INSTRUCTIONS PRIOR TO JOB

MIRV, 5 meeting, Pressure test 1000psi, Circ 10 BBL Fresh 10 BBL Dye 7 BBL Fresh, M+P Cement 50/50 Pz  
w/3% calcium, 25 lb/sk Cellulose, ~~27.7 BBL~~ drop plug, displace 27.7 BBL, land plug, Shut in well,  
Rig down, Cement @ 15.2 gpm 1.07 cu ft/sk 4.2 gal/sk water req.  
Excess % 255 = 400 SKS

### JOB SUMMARY

#### DESCRIPTION OF JOB EVENTS

MIRV Safety meeting Pressure test Circ M+P Drop plug Displace Land plug Shut in well  
2:30 A.M. 7:00 A.M. 7:04 7:07 7:15-8:01 8:04 Time / PSI 8:19 8:21

0  
8:12 10 300  
8:16 20 350  
8:19 27.7 BBL 310

25 BBL to Pit

*[Signature]*  
AUTHORIZATION TO PROCEED

*[Signature]*  
TITLE

1-8-13  
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.