



Bison Oil Well Cementing Single Cement Surface Pipe

Date: 6/20/2014

Invoice # 12247

API# 05-125-12082-00

Foreman: Aaron Carrasco

Customer: excell

Well Name: bledsoe 6-28-5-44

County: yuma

State: Colorado

Sec: 28

Twp: 5n

Range: 44w

Consultant: mark zion

Rig Name & Number: excell #2

Distance To Location: 60 miles

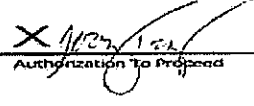
Units On Location: 3101-4029-119

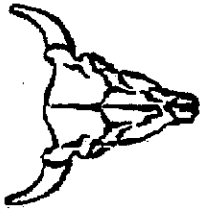
Time Requested: 3:00 AM

Time Arrived On Location: 2:30 AM

Time Left Location:

WELL DATA	Cement Data
Casing Size OD (in) : 7	Cement Name: BFN III 3% cca
Casing Weight (lb) : 20.00	Cement Density (lb/gal) : 15.2
Casing Depth (ft) : 467	Cement Yield (cuft) : 1.07
Total Depth (ft) : 473	Gallons Per Sack: 4.20
Open Hole Diameter (in.) : 9.88	% Excess: 0%
Conductor Length (ft) : 0	Displacement Fluid lb/gal: 8.3
Conductor ID :	BBL to Pit: 0.0
Shoe Joint Length (ft) : 40	Fluid Ahead (bbbls): 3.0
Landing Joint (ft) : 9	H2O Wash Up (bbbls): 20.0
Max Rate:	Spacer Ahead Makeup
Max Pressure:	

Casing ID 6.456	Casing Grade J-55 only used
Calculated Results	Displacement: 17.65 bbls (Casing ID Squared) X (.0009714) X (Casing Depth + Landing Joint - Shoe Joint)
cuft of Shoe 9.09 cuft (Casing ID Squared) X (.005454) X (Shoe Joint ft)	Pressure of cement in annulus
cuft of Conductor 0.00 cuft (Conductor Width Squared) - (Casing Size OD Squared) X (.005454) X (Conductor Length ft)	Hydrostatic Pressure: 368.74 PSI
cuft of Casing 123.57 cuft (Open Hole Squared) - (Casing Size Squared) X (.005454) X (Casing Depth - Conductor Length)	Pressure of the fluids inside casing
Total Slurry Volume 132.66 cuft (cuft of Shoe) + (cuft of Conductor) + (cuft of Casing)	Displacement: 184.11 psi
bbbls of Slurry 23.63 bbbls (Total Slurry Volume) X (.1781) X (% Excess Cement)	Shoe Joint: 31.58 psi
Sacks Needed 124 sk (Total Slurry Volume) ÷ (Cement Yield) X (% Excess Cement)	Total 215.70 psi
Mix Water 12.40 bbbls (Sacks Needed) X (Gallons Per Sack) ÷ 42	Differential Pressure: 153.04 psi
	Collapse PSI: #N/A psi
	Burst PSI: #N/A psi
	Total Water Needed: 53.05 bbbls
 Authorization To Proceed	
Customers hereby acknowledges and specifically agrees to the terms and condition on this work order, including, without limitation, the provisions on this work order.	



Bison Oil Well Cementing
Single Cement Surface Pipe

INVOICE #
LOCATION
FOREMAN
Date

12247
yuma
Aaron Carrasco
6/20/2014

Customer
Well Name

excell
bledsoe 6-28-5-44

Treatment Report Page 2

DESCRIPTION OF JOB EVENTS

	Safety Meeting MIRU CIRCULATE Drop Plug 4:03 am M & P Time Sacks	Displace 1			Displace 2			Displace 3			Displace 4			Displace 5		
		BBLs	Time	PSI	BBLs	Time	PSI	BBLs	Time	PSI	BBLs	Time	PSI	BBLs	Time	PSI
3:13 am		0	4:07 am	30	0			0			0			0		
2:30 am		10	4:11 am	80	10			10			10			10		
3:14 am		20	5:00 AM	150	20			20			20			20		
		30	17 bbls		30			30			30			30		
		40			40			40			40			40		
		50			50			50			50			50		
		60			60			60			60			60		
		70			70			70			70			70		
		80			80			80			80			80		
		90			90			90			90			90		
		100			100			100			100			100		
		110			110			110			110			110		
		120			120			120			120			120		
		130			130			130			130			130		
		140			140			140			140			140		
		150			150			150			150			150		
% Excess	134%															
Mixed bbls	29															
Total Sacks	290															
bbl Returns	0															
Water Temp	40 f															

Notes:

The day

X

Work Performed

X

Title

X

Date



Bison Oil Well Cementing Single Cement Surface Pipe

Cementing Customer Satisfaction Survey

Service Date	6/20/2014
Well Name	bledsoe 6-28-5-44
County	yuma
State	Colorado
SEC	28
TWP	5n
RNG	44w

Invoice Number	12247
API #	05-125-12082-00
Job Type	Single Cement Surface Pipe
Company Name	excell

Customer Representative mark zion

Supervisor Name Aaron Carrasco

Employee Name (Including Supervisor)
Aaron
tivo
oscar

Exposure Hours (Per Employee)
2
2
2
6

Total Exposure Hours

Did we encounter any problems on this job?

☐ Yes

☒ No

To Be Completed By Customer

Rating/Description

5 - Superior Performance (Established new quality/performance standards)

4 - Exceeded Expectation (Provided more than what was required/expected)

3 - Met Expectations (Did what was expected)

2 - Below Expectations (Job problems/failures occurred - *Recovery made)

1 - Poor Performance (Job problems/failures occurred - *Some recovery made)

*Recovery: resolved issue(s) on jobsite in a timely and professional manner

RATING CATEGORY

Personnel -

Equipment -

Job Design -

Product/Material -

Health & Safety -

Environmental -

Timeliness -

Condition/Appearance -

Communication -

CUSTOMER SATISFACTION RATING

Did our personnel perform to your satisfaction?

Did our equipment perform to your satisfaction?

Did we perform the job to the agreed upon design?

Did our products and materials perform as you expected?

Did we perform in a safe and careful manner (Pre/post mtgs, PPE, TSMR, etc.)?

Did we perform in an environmentally sound manner (spills, leaks, cleanup, etc.)?

Was job performed as scheduled (On time to site, accessible to customers, completed when expected)?

Did the equipment condition and appearance meet your expectations?

How well did our personnel communicate during mobilization, rig up and job execution?

Please Circle:

Yes No

Did an accident or injury occur?

Yes No

Did an injury requiring medical treatment occur?

Yes No

Did a first-aid injury occur?

Yes No

Did a vehicle accident occur?

Yes No

Was a post-job safety meeting held?

Please Circle:

Yes No

Was a pre-job safety meeting held?

Yes No

Was a job safety analysis completed?

Yes No

Were emergency services discussed?

Yes No

Did environmental incident occur?

Yes No

Did any near misses occur?

Additional Comments:

THE INFORMATION HEREIN IS CORRECT -

X Mark Zion
Customer Representative's Signature

DATE: _____

Any additional Customer Comments or HSE concerns should be described on the back of this form