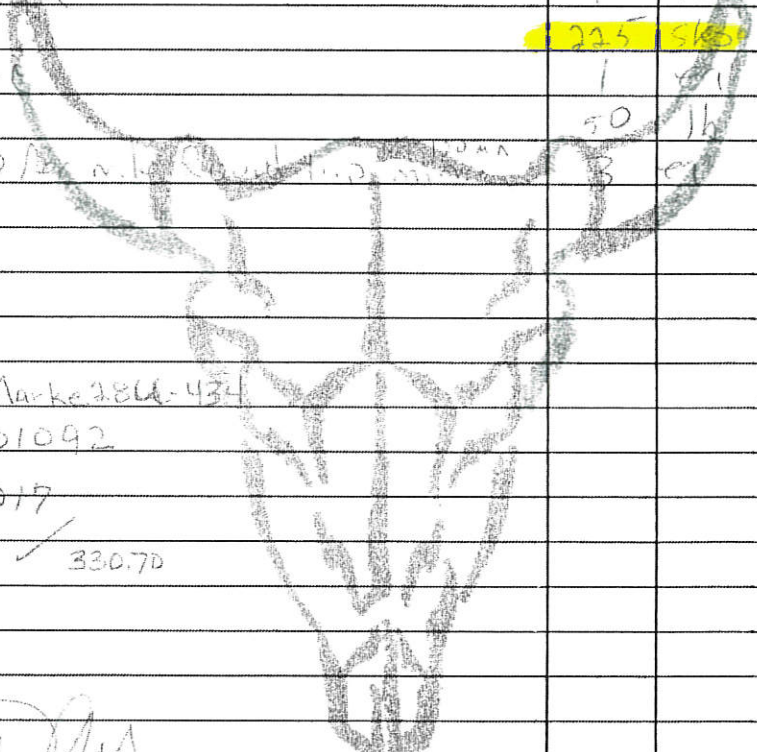



1547 Gaylord Street
Denver, Colorado 80206
Phone: 303-296-3010
Fax: 303-298-8143
E-mail: bisonoil1@qwestoffice.net



12163

WELL NO. AND FARM Gallner 027-D4		COUNTY weld	STATE co	DATE 10-6-14	
CHARGE TO woble		WELL LOCATION SEC. 27 TWP. 4N RANGE 67W		CONTRACTOR Dennis	
			DELIVERED TO 42-19	LOCATION 1	CODE
			SHIPPED VIA	LOCATION 2	CODE
			TYPE AND PURPOSE OF JOB Annuity fill	LOCATION 3 42-19	CODE
				WELL TYPE GIS	CODE

PRICE REFERENCE	DESCRIPTION	UNITS		UNIT PRICE	AMOUNT
		QTY.	MEAS.		
Pump Elongated		1	ea		
G No. 2		225	sks		
Dialer Air		1	ea		
Sugar		50	lb		
millage 150 lb n.l. / 100 lb m.m.		3	ea		
					
SunMark 286-434					
201092					
0017					
✓ 330.70					
					
	Total Weight	Loaded Miles	Ton Miles		

If this account is not paid within 30 days of invoice date a FINANCE CHARGE will be made. Computed at a single monthly rate of 1 1/4% which is equal to an ANNUAL PERCENTAGE RATE OF 18%.

TAX REFERENCES

"TAXES WILL BE ADDED AT CORPORATE OFFICE"

Customer or His Agent

Blison Oil Well Cementing, Inc. Representative

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.



Bison Oil Well Cementing

Customer: Noble
Well Name: Gollner 027-04

Invoice # 12148
API#
Foreman: Monte Bed
Date 10/6/201

County: Weld
State: Colorado

Sec: 27
Twp: 4n
Range: 76w

Consultant: Dennis
Rig Name & Number: Bohler 2
Distance To Location: 17.6
Units On Location: 4028-3201 4034-3205
Time Requested: 1:00pm
Time Arrived On Location: 1:00pm
Time Left Location:

Plug Job

Well Data

OD Inches	1.315
String Weight Per ft	3.02
First Plug Sacks	220
First Plug Depth	472
Second Plug Sacks	
Second Plug Depth	
Third Plug Sacks	
Third Plug Depth	
Fourth Plug Sacks	
Fourth Plug Depth	
ID	#N/A
First Plug Displacement	#N/A bbl
Second Plug Displacement	#N/A bbl
Thirst Plug Displacement	#N/A bbl
Fourth Plug Displacement	#N/A bbl
bbls of Spacer Ahead	5 bbls

bbls of Slurry

First Plug bbls of Slurry	45.0593 bbls
Second Plug bbls of Slurry	0.0000 bbls
Third Plug bbls of Slurry	0.0000 bbls
Fourth Plug bbls of Slurry	0.0000 bbls

First Plug Cement Data

Cement Name:	BFN III
Cement Density (lb/gal) :	15.8
Cement Yield (cuft) :	1.15
Gallons Per Sack:	5.00

Second Plug Cement Data

Cement Name:	BFN III
Cement Density (lb/gal) :	13.1
Cement Yield (cuft) :	1.69
Gallons Per Sack:	8.60

Third Plug Cement Data

Cement Name:	BFN III
Cement Density (lb/gal) :	13.1
Cement Yield (cuft) :	1.69
Gallons Per Sack:	8.60

Fourth Plug Cement Data

Cement Name:	BFN III
Cement Density (lb/gal) :	13.1
Cement Yield (cuft) :	1.69
Gallons Per Sack:	8.60

Displacement Fluid lb/gal:	8.3
Fluid Ahead (bbls):	15.0
H2O Wash Up (bbls):	20.0

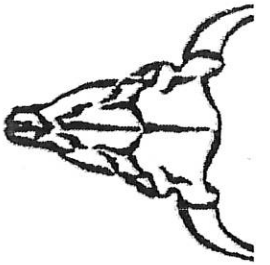
bbls of Mix Water

First Plug bbls Mix Wate	26.1905 bbls
Second Plug bbls Mix Wat	0.0000 bbls
Third Plug bbls Mix Wate	0.0000 bbls
Fourth Plug bbls Mix Wat	0.0000 bbls

X

Authorized 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

Customer
Well Name

Noble
Gollner 027-04

INVOICE #
LOCATION
FOREMAN
Date

12148
Weld
Monte Bedeaux
10/6/2014

Treatment Report Page 2

DESCRIPTION OF JOB EVENTS

Safety Meeting	2:55pm	Displace 1			Displace 2			Displace 3			Displace 4		
	1:00pm	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI
MIRU		0	3:42	360	0			0			0		
CIRCULATE	3:05	14.10	3:42	360	10			10			10		
CIRCULATE		20			20			20			20		
CIRCULATE		30			30			30			30		
CIRCULATE		40			40			40			40		
M & P		50			50			50			50		
		60			60			60			60		
First Plug	Time	Sacks			70			70			70		
Second Plug		220			80			80			80		
Third Plug		0			90			90			90		
Fourth Plug		0			100			100			100		
Mixed bbls													
First Plug	26.19				110			110			110		
Second Plug					120			120			120		
Third Plug					130			130			130		
Fourth Plug					140			140			140		
Water Temp					150			150			150		
	88.5												

Notes:

safety meeting, miru, pressure test per company man, circulate 15 bbls ahead, mix and pump 225 sks cement, displace 1/4 top off to surface

X
Work Performed

X
Title

X
Date



Bison Oil Well Cementing Single Cement Surface Pipe

Cementing Customer Satisfaction Survey

Service Date 10/6/2014
Well Name Gollner 027-04
County Weld
State Colorado
SEC 27
TWP 4n
RNG 76w

Invoice Number 12148
API # 0
Job Type Plug
Company Name Noble

Customer Representative eric

Supervisor Name Monte Bedeaux

Employee Name (Including Supervisor)
Monte B
Billy J
James M
Bryan R.

Exposure Hours (Per Employee)

4
4
4
4

Total Exposure Hours

16

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

Customer Representative's Signature

DATE: _____

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

BISON OILWELL CEMENTING JOB SAFETY ANALYSIS WORKSHEET



JOB/TASK: Plug and Abandon		CEMENTER/SUPERVISOR: monte bedeaux		PAGE 1	OF 3
WELL NAME: Gollner 027-04		RIG # Bohler 2	LOCATION: 42-19	DATE: 10-6-14	
OPERATOR: monte	CONSULTANT: Dennis		INVOICE # 12148		
PPE REQUIRED: <input type="checkbox"/> Hard Hat <input type="checkbox"/> Safety Glasses <input type="checkbox"/> Steel Toe Boots <input type="checkbox"/> Impact Gloves		ADDITIONAL PPE (based on job specific hazards) <input type="checkbox"/> FR Coveralls <input type="checkbox"/> Reflective Vest		<input type="checkbox"/> Goggles <input type="checkbox"/> Faceshield <input type="checkbox"/> Chemical Resistant Gloves <input type="checkbox"/> Chemical Resistant Clothing	
				<input type="checkbox"/> Air Purifying Respirator <input type="checkbox"/> Supplied Air Respirator <input type="checkbox"/> Personal H2S Monitor <input type="checkbox"/> Personal Methane Monitor	
JOB STEPS		POTENTIAL HAZARDS		RECOMMENDED ACTION OR PROCEDURE	
1. Review JSA		Misunderstanding		Clarify job and associated hazards and safety concerns	
2. Conduct pre job safety meeting		Misunderstanding		-Hold safety meeting with all personnel on location, ensure everyone pays attention to ensure they understand their role and responsibility during the job -Review treatment report with consultant and attain signature for authorization to proceed -Identify and address short service employees (SSE) who are on location -Verify method of relaying hand signals to rig crew for shutting down mud pump	
3. Move trucks in and rig up equipment		Other traffic on location, overhead lines, pinch points, heavy lifting, slips/falls		-Coordinate with well site supervisor for directions on where and when to park the equipment -All Bison crew members walk the location prior to driving in to access specific hazards -Utilize spotters when trucks are in motion -Establish buffer zone around equipment utilizing cones and caution tape -Cementer follows up to ensure connections are secure -Lift with your legs and use teamwork when rigging up -Utilize reflective vests and wands to increase visibility at night -Deploy spill berms and buckets -Verify connections on mudline for compatibility	
4. Raise hose to rig floor		Overhead work, improper hook up/load not properly secured, miscommunication between ground personnel and the crane/tugger operator		-Inspect chains, slings, hooks prior to lift -Ensure line of sight with crane/tugger operator is maintained throughout the lift and hand signals are clarified before the lift. -Ensure no personnel are under suspended loads -Utilize tag line	
5. Attach swage to tubing/Connect to swage on drill pipe		Connections/equipment failing under pressure, spills, slips and falls		-Insure swage has proper pressure rating for the job and falls within the parameters of the <i>Bison Oilwell Cementing Iron Inspection Program</i> -Verify the compatibility of the connections on a swage/pin provided by the rig -Minimize number of people on rig floor, utilize Bison personnel to attach cement lines -Be aware of surroundings when swinging a hammer	
6. Pressure test lines		Equipment failing under high pressures		-Ensure rig floor is clear and personnel are away from hoses prior to test -Establish buffer area around high pressure hoses -Lines are checked from a distance and using pressure gauges -Cementer ensures pressure gauges are working properly	
Test to: PSI- 1000 Maximum pressure allowed for job: PSI- 1000				Pressure relief valve set to: PSI- 2000 Max. pump pressure: PSI- 2000	
				mb	

BISON OILWELL CEMENTING JOB SAFETY ANALYSIS WORKSHEET



7. Pump Spacer/Mix and Pump Cement	Serious injury from high pressure line failure or catastrophic equipment failure. Burns or skin irritation from splashing cement, uncontrolled spills	<ul style="list-style-type: none"> -Pressure test prior to job, utilize heavy duty hose hobbles and pressure relief valve -Keep rig floor and buffer area clear while pumping -Utilize proper PPE -Have access to water to rinse affected skin -Deploy spill berms and buckets 	mb
8. Displacement	Unexpected pressure associated with resuming of pumping, serious injury from high pressure line failure catastrophic equipment failure, spills, overpressure of mudlines	<ul style="list-style-type: none"> -Ensure rig floor remains clear and non-essential personnel stay clear from buffer area -Pump operator monitors pump pressure constantly -Utilize proper PPE -During displacement ensure one mudline valve is always open -Review method of relaying hand signals to rig crew to engage/disengage mud pumps 	mb
REPEAT STEPS 7 AND 8 AS REQUIRED			
9. Wash up / rig down	Splashing cement slurry, heavy lifting, pinch points, unsecured hoses	<ul style="list-style-type: none"> -Utilize stakes or portable tank manifold to secure hoses -Use proper lifting technique (2 man lift, lift with legs, plan your route) 	mb
10. Depart location	Other traffic and personnel and location, overhead lines	<ul style="list-style-type: none"> -All Bison crew member walk the planned exit route to access possible obstacles and hazards -Utilize spotters while backing 	mb
11. General Precautions/Stop Work	<p>-If you see a leaking connection, notify the cementer. Do not attempt to hammer up a leaking connection as there may be pressure on the lines.</p> <p>- Any person on location, regardless of their position or experience level has the authority and responsibility to stop the job if they witness an unsafe act or condition.</p>		
OTHER HAZARDS SPECIFIC TO LOCATION OR ENVIRONMENT NOT ADDRESSED ABOVE:			mb
DESIGNATED EMERGENCY MUSTER AREA:	access rd	NEAREST EMERGENCY MEDICAL FACILITY (OTHER THAN 911): Greeley	
HEAD COUNT-			

SERIES 2000

— PSI — Barrels / Minute — Barrels — Lbs / Gallon — Stage Volume

