

ENTERED
1/21

Invoice

Bison Oil Well Cementing Inc.
1547 Gaylord Street
Denver, CO 80206
303-296-3010

Date	Invoice #
1/15/2014	12298

Bill To
Bays Water 730 17th Street Suite 610 Denver, CO 80202

Location	Well Name & No.	Terms	Job Type		
Adams, CO	Causey 17	Net 30	Squeeze		
Item	Description	Qty	U/M	Rate	Amount
Pump Charge-Ot...	Pump Charge-Other	1		3,000.00	3,000.00
MILEAGE	Mileage charge	200.25		4.00	801.00
Service Charge	Iron Inspection	1		500.00	500.00
	Subtotal of services				4,301.00
BFN III Winter ...	BFN III Blend	280	Sack	22.75	6,370.00T
Sugar	Sugar	50	lb	2.00	100.00T
	Subtotal of Materials				6,470.00
					10,771.00

Please Remit Payment To:

Bison Oil Well Cementing, Inc.
P.O. Box 29671
Thornton, CO 80229

Subtotal	\$10,771.00
Sales Tax (3.85%)	\$249.10
Total	\$11,020.10
Balance Due	\$11,020.10

1738 Wynkoop St., Ste. 102
Denver, Colorado 80202
Phone: 303-296-3010
Fax: 303-298-8143
E-mail: bisonoil1@qwestoffice.net



Nº 12298

WELL NO. AND FARM Causey 17	COUNTY Adams	STATE Co	DATE 1-15-14
CHARGE TO Bayswater	WELL LOCATION SEC. 22 TWP. 12S RANGE 57W		CONTRACTOR Randy
	DELIVERED TO windview #104	LOCATION 1 shop	CODE
	SHIPPED VIA 3104 - 3210	LOCATION 2 windview #104	CODE
	TYPE AND PURPOSE OF JOB	LOCATION 3 shop	CODE
		WELL TYPE Gas	CODE

[illegible]

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 1/2% which is equal to an ANNUAL PERCENTAGE RATE OF 18%.

TAX REFERENCES

SUB TOTAL

10771	00
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TAX

"TAXES WILL BE ADDED AT CORPORATE OFFICE"

TOTAL

SUBJECT TO CORRECTION

Ray Talbot
Customer or His Agent

mate Bodley

Elson 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, INC.

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INVOICE #
LOCATION
FOREMAN

12298
windview 104
route

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
1-15-14	Causey 17	22	12S	57W	Adams
BILL TO	CONSULTANT				
Bayswater	Randy				
OWNER	RIG NAME & NUMBER				
	Yetter #9				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
	89.2		3104-		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	945		945		
STATE, ZIP	TIME LEFT LOCATION				
WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend		
	5 1/2		BFNT# 390 BFLA 1.25/6 BFLA 1		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Cement - Specs	lbs	Yield
	1153			11 12 15.2	2.21-1.27
CASING SIZE	TUBING WEIGHT	OPEN HOLE	Annulus Factor	Capacity Factor	
	15.5		.0238	.1336	
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	TYPE OF TREATMENT		
	Good		<input type="checkbox"/> Surface Pipe <input type="checkbox"/> MISC Pump <input checked="" type="checkbox"/> Production <input type="checkbox"/> P&A		
CASING WEIGHT	PACKER DEPTH		HYD HHP = RATE X PRESSURE / 40.8		
CASING CONDITION			% Excess		
			BBL to Pit		
Max Rate					
Max Pressure					

DESCRIPTION OF JOB EVENTS

Safety meeting MTRV Pressure test Per company man break circulation
mix 15 bbls 11 lb cement mix 12 lb cement to surface mix
14 bbls 15.2 cement (100\$Ks) displace 15 bbls close back side
displace 4 bbls shut valve

x *Randy Telpink*
Authorization To Proceed

Title

x 1-15-14
Date

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INVOICE #
LOCATION
FOREMAN

12298
w. nd 2104
note

Treatment Report Page 2

DESCRIPTION OF JOB EVENTS

Safety Meeting MIRU CIRCULATE Drop Plug M & P Time 11:20 - 12:28	1105 945 1118 Sacks 280	Displace 1			Displace 2			Displace 3			Displace 4			Displace 5			Displace 5		
		BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI
		0	1228	400	0	1154	0	0			0			0			0		
		10	1235	400	2130	1158	600	10			10			10			10		
		1520	1240	400	20			20			20			20			20		
		30			30			30			30			30			30		
		40			40			40			40			40			40		
		50			50			50			50			50			50		
		60			60			60			60			60			60		
		70			70			70			70			70			70		
		80			80			80			80			80			80		
		90			90			90			90			90			90		
		100			100			100			100			100			100		
		110			110			110			110			110			110		
		120			120			120			120			120			120		
		130			130			130			130			130			130		
		140			140			140			140			140			140		
		150			150			150			150			150			150		

Notes:

X Randy Albright
Work Performed

X _____
Title

X 1-15-14
Date



Bison Oil Well Cementing, Inc
1738 Wynkoop St., Ste. 102
Denver, CO 80202
303-296-3010
www.Bisonoilwell.com

Cementing Customer Satisfaction Survey

Service Date 1-15-14
Invoice Amount _____
Well Name Causey 17
Well Location Windsor + 104
County Adams
SEC/TWP/RNG 22 12S 57W
State CO
Supervisor Name Monte

Invoice Number 12298
Well Permit Number _____
Well Type Gas
Well Number _____
Lease _____
Job Type Squeeze
Company Name Dart Bayswater
Customer Representative Randy
Customer Phone Number _____

Employee Name

Exposure Hours (Per Employee)

1 pp
Self
Kurt

4
4
4

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 Expectations (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

Opportunity

- Best Practices
- Potential Best Practice
- Prevention/Improvement

RATING / CATEGORY

- ____ Personnel -
- ____ Equipment -
- ____ Job Design -
- ____ Product / Material -
- ____ Health & Safety -
- ____ Environmental -
- ____ Timeliness -
- ____ Condition / Appearance -
- ____ Communication -
- ____ Improvement -

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 customer, completed when expected)?
- Did the equipment condition and appearance meet your expectation?
- How well did our personnel communicate during mobilization, rig up, and job execution?
- What can we do to improve our service?

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?

Additional Comments:

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?

THE INFORMATION HEREIN IS CORRECT -

Randy Takiff
Customer Representative's Signature

Date

1-15-14

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



BISON
Oil Well Cementing Inc.

PRE TRIP CEMENT CALL OUT SHEET

INVOICE # 12298 DATE/TIME 1-15-14
WELL NAME Causey 17 OPERATOR Raudy
CUSTOMER Bayswater
LOCATION/RIG Yetter #9
DELIVERED TO windy view + 104

PRE CHECK CALL OUT

CHECK ITEMS	Supervisor Initials	Other Initials	BULK TRUCK DRIVER	Supervisor Initials	Other Initials
DRY SAMPLE #			VACUUM BREAKER PORT CLEANED & INSPECTED & SPARE ON TRUCK	MB	
REQUIRED CEMENT CONNECTIONS			WATER JET AT MIX HEAD REMOVED, INSPECTED & CLEANED	MB	
TYPE OF CEMENT	BFMT#		CEMENTING HEAD INSPECTED & CLEANED	MB	
# OF LBS/SACKS	full		MIX TUB INSPECTED & CLEANED		
FLOAT EQUIPMENT	—		CENTRIFUGALS GREASED, TIGHTENED & INSPECTED		
BEGINNING FUEL	full		DECK MOTORS STARTED		
STARTING MILEAGE	31838		VERIFY ALL AIR VALVES ARE FUNCTIONAL		
PERSONAL PROTECTIVE EQUIPMENT	MB		VERIFY ALL VALVES ARE FUNCTIONAL ON BULK TRUCK		
DRIVING DIRECTIONS	MB		VERIFY BERMS ARE ON BULK TRUCK		
DRIVERS LOGS UPDATED PRIOR TO LEAVING YARD	MB		VERIFY SPARE CEMENT HEAD IS ON BULK TRUCK		
TRUCK PRE TRIP COMPLETED	MB		VERIFY 1" TUBING IS ON BULK TRUCK AND ADEQUATELY SECURED		
ROCK CATCHERS REMOVED & CLEANED	MB		CHECK FOR ADEQUATE SUPPLY OF KCL, DYE AND DEFOAMER		
VACUUM BREAKER REMOVED & CLEANED	MB		TOP OFF FUEL IN TRUCKS POST TRIP		
VERIFY CORRECT POP OFF PIN IN PLACE	MB		VERIFY PARKING METER GAUGE IS ON TRUCK		
VERIFY PRESSURE TRANSDUCERS ARE CLEAN OF CEMENT	MB		DRAIN AIR TANKS		
CLEAN TRUCKS	MB				
TIGHTEN PACKING NUTS ON PLUNGERS	MB				

CEMENT HEAD CHECK LIST

	Supervisor Initials	Other Initials
THREADS		
VALVES		
PIN		

COMMENTS:

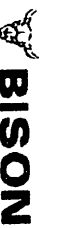


BISON OILWELL CEMENTING JOB SAFETY ANALYSIS WORKSHEET

ASK: SQUEEZE CEMENT	CEMENTER/SUPERVISOR: MONTE BEDEAUX		PAGE 1	OF 3
NAME: causey 17	RIG # yetter 9	LOCATION: windview + 104	DATE: 1-15-14	
ATOR: bayswater	CONSULTANT: randy		INVOICE # 12298	

- REQUIRED:
- ☐ Hard Hat
 - ☐ Safety Glasses
 - ☐ Steel Toe Boots
 - ☐ Impact Gloves
 - ☐ FR Coveralls
 - ☐ Reflective Vest
 - ADDITIONAL PPE (based on job specific hazards)
 - ☐ Goggles
 - ☐ Faceshield
 - ☐ Chemical Resistant Gloves
 - ☐ Chemical Resistant Clothing
 - ☐ Air Purifying Respirator
 - ☐ Supplied Air Respirator
 - ☐ Personal H2S Monitor
 - ☐ Personal Methane Monitor

JOB STEPS	POTENTIAL HAZARDS	RECOMMENDED ACTION OR PROCEDURE	REVIEWED BY
Review JSA	Misunderstanding	Clarify job and associated hazards and safety concerns	
Conduct pre job safety meeting	Misunderstanding	<ul style="list-style-type: none"> -Hold safety meeting with all personnel on location, ensure everyone pays attention to ensure they understand their role and responsibility during the job -Verify max rate and pressure for each stage of 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 	
Drive trucks in and rig up equipment	Other traffic on location, overhead lines, pinch points, heavy lifting, slips/falls	<ul style="list-style-type: none"> -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 	
Connect hoses to rig floor	Overhead work, improper hookup/load not properly secured, poor communication between ground personnel and crane/tugger operator	<ul style="list-style-type: none"> -Inspect slings, chains and hooks prior to lift -Ensure line of sight with crane/tugger operator is maintained throughout the lift and hand signals are understood -Ensure no personnel are under suspended equipment -Utilize a tag line to control the load 	
Inject Cement head/swage/pin, chickens and es.	Working in a congested area, pinch points, swinging hammers, slippery rig floor	<ul style="list-style-type: none"> -Only Bison personnel install the cement head and hoses -Maintain line of sight and communication with crane/tugger operator -Remove non-essential personnel from rig floor, wait until other activity is done -Rig crew does not install chains until head and hoses are installed -Ensure a clear path when swinging a hammer -Ensure fig 1502, 15k psi plug valve is used at the well head -Verify all hoses, fittings and hoses have proper pressure rating for the job and falls within the parameters of the <i>Bison Oilwell Iron Inspection Policy</i>. 	
Pressure test lines	Test to: PSI- 800 Maximum pressure allowed for job: PSI- 600	Equipment failing under high pressures, spills	<div> <div> <ul style="list-style-type: none"> -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 -Ensure all valves are holding fluid -Cementer ensures pressure gauges are working properly. </div> <div> Pressure relief valve set to: PSI- 2500 Max. pump pressure: PSI- 4500 </div> </div>
Inject Spacer (dye marker)/Mix and Pump cement	Serious injury from high pressure line failure or catastrophic equipment failure. Burns or skin irritation splashing cement, uncontrolled spills, parting tubing, pumping into pressure, hydraulicing tubing out of the hole	<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 -Establish injection rate 	



BISON OILWELL CEMENTING JOB SAFETY ANALYSIS WORKSHEET

			<ul style="list-style-type: none">-Verify max pump rate and pressure for each stage of the job-Verify cement pump times (especially as pressures increase and pump rates decrease)-Ensure rig floor remains clear and non-essential personnel stay clear from buffer area-Pump operator monitors pump pressure constantly-Utilize proper PPE-Ensure maximum pressure limits are not exceeded	
Placement/Staging	Unexpected pressure associated with resuming of pumping, tubing hydraulizing from hole, serious injury from high pressure line failure or catastrophic equipment failure.			
11 STEPS 7 and 8 AS REQUIRED				
ish 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)	
part 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	
Internal Precautions/Stop Work <ul style="list-style-type: none">-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.-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.				
HAZARDS SPECIFIC TO LOCATION OR COMMENT NOT ADDRESSED ABOVE:				
NATED EMERGENCY MUSTER AREA: ACCESS RD		NEAREST EMERGENCY MEDICAL FACILITY (OTHER THAN 911): ft. morgan		