



# NABORS

## FIELD TICKET NO.

## - 22004

PLEASE REMIT TO:  
**NABORS COMPLETION & PRODUCTION SERVICES CO.**  
 P.O. BOX 975682  
 DALLAS, TX 75397-5682  
 435-725-5344

DELIVERED FROM \_\_\_\_\_

DATE 11-26-13

<b>INVOICE NO.</b>	P.O. NO.	AFE NO.
CUSTOMER NO.	LEASE <u>Wells Ranch PC AA 22-04</u>	WELL NO.
CUSTOMER <u>Noble Energy, Inc</u>	FIELD <u>Wattenburg</u>	STATE <u>Colo</u> COUNTY <u>Weld</u>
ADDRESS	LOCATION <u>WCR 67+68 Sinto Plant.</u>	
CITY	CASING SIZE & WT. <u>4 1/2"</u>	TBG. SIZE
STATE	ZIP	TYPE OF JOB <u>P+M.</u>

ORDERED BY Joe Brunk TITLE Brackelsberg SERVICE SUPV. \_\_\_\_\_

PART NO.	DESCRIPTION	REV. CODE	QTY.	UNIT PRICE	DISC.	AMOUNT
45-70-255-0100	PACK off equipment			min		[REDACTED]
75-820-0045	4 1/2" CIBP (10K) @ 6418			min		[REDACTED]
70-299-0200	Dump 2 SA Cement on Bridge Plug @ 6418			[REDACTED]		[REDACTED]
70-250-0003	Collar Buster @ 1492			min		[REDACTED]
200-9998	Fuel Surcharge					[REDACTED]
	WELLS RANCH PC					[REDACTED]
	AA 2204				Discount	[REDACTED]
	142401					[REDACTED]
	03.3					[REDACTED]
	0052					[REDACTED]

CALLED OUT _____ Time _____ Date	ON LOCATION _____ Time _____ Date	COMPLETED _____ Time _____ Date	TOTAL SERVICE & MATERIALS TAX % _____ ST. TAXABLE AMT. _____ TOTAL CHARGES _____
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WITH MY INITIALS, I CONFIRM THAT THE TIME SHOWN IN THE "HOURS" COLUMN, ACCURATELY REFLECTS MY COMPENSABLE TIME.

I was not injured, involved in or witness to an accident during the performance of this work. If an injury or accident occurred a signature is not to be provided. The injury or accident is to be reported to the supervisor so that a report can be prepared.

I hereby attest that my employer Nabors Completion & Production Services Co., did permit me to eat while working.

Employee Name (Print)	Hours	Initials	Employee ID No.
Chris Stoppel			
Brian Harder			

\*ACCIDENT REPORT MUST BE ATTACHED WHEN NOT SIGNED

CUSTOMER AGREES to pay Nabors Completion & Production Services Co. (the "Company") on a net 30 day basis from date of invoice. If Customer disputes any item invoiced, Customer shall, within 20 days after receipt of invoice, notify the Company of the item(s) disputed, specifying the reason(s) therefor; payment of the disputed item(s) may be withheld until settlement of dispute, but payment of undisputed portion of invoice shall be made without delay. All payments shall be made at the address shown on the reverse side of this document. In the absence of a separate written contract, CUSTOMER REPRESENTATIVE REPRESENTS AND WARRANTS THAT HE/SHE IS AUTHORIZED TO ENTER INTO THIS AGREEMENT ON BEHALF OF CUSTOMER AND ACCEPTS ALL TERMS AND CONDITIONS AS PRINTED ON THE REVERSE SIDE OF THIS DOCUMENT (WHICH INCLUDES INDEMNITY LANGUAGE THAT ALLOCATES RISKS RELATED TO THE ABOVE DESCRIBED SERVICES). Pricing and extensions, if shown above, are subject to verification and correction at time of invoicing.

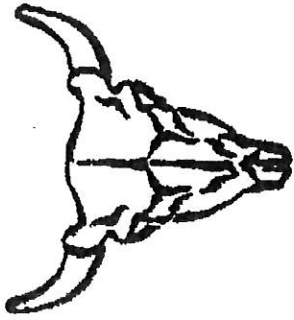
X [Signature]  
 NABORS COMPLETION & PRODUCTION SERVICES CO.

X [Signature] 12/2/13  
 CUSTOMER REPRESENTATIVE









# Bison Oil Well Cementing

Invoice # 12775  
API# 512331894

Foreman: jh

Customer: \_\_\_\_\_  
Well Name: \_\_\_\_\_

County: Weld  
State: Colorado  
Sec: 22  
Twp: 6n  
Range: 63w

Consultant: Kelly  
Rig Name & Number: select 11  
Distance To Location: 60 min  
Units On Location: 1005, 4016, 122  
Time Requested: 8:00 AM  
Time Arrived On Location: 745 am  
Time Left Location: 1145 am

## Balanced Plug Drill Pipe

Density lb/gal	15.2
Yield	1.27
H2O gal/sk	5.89
Drill Pipe Size	2.375
Drill Pipe Weight	6.85
Drill Pipe Depth	1500
Open Hole Diameter	6.25
Top of Plug	6500
Bottom of Plug	7000
Open Hole Total Depth	9000
Height of Plug	500
ID	#N/A
Annulus	0.0325
Height of Cement In Annulus	291.966
Height of Cement in String	#N/A
OH Coverage	500
bbls of Spacer Ahead	3
	92.40
***Note*** -Minimum of 3bbls 350 ft Spacer Ahead Cement	
Mud displacement	#N/A bbls
Mud Displacement ft	#N/A ft
(Total length of workstring) - (length of cement in workstring) - (length of spacer inside drill pipe)	
(Drill Pipe Depth) X (ID of workstring squared) X .0009714 = bbls of mud displacement	

Total bbls of Slurry	18.9579 bbls
.005454 X (diameter) squared of open hole X Length of Plug	
Workstring:	#N/A ft3/ft
ID Squared X .005454	
Annulus:	0.1823 ft3/ft
(Open Hole Diameter Squared - Casing Size Squared) X .005454	
Height of Plug in WS	#N/A ft3
ft3 of Slurry / WS + AV	
Sacks Needed:	14.9275 sk
cuft of Slurry/Cement Yield	
bbls Mix Water	11.7541 bbls
(H2O X SKs)/42 gal	
Gal/sk Mix Water	493.6716 gal/sk
bbls X 42 gal	
Spacer Ahead Cement:	3.0000 bbls
92.404 ft	
Spacer Behind Cement:	0.5063 bbls
#N/A ft	
bbls spacer behind cement	
Drill Pipe Size Squared X .0009714 X ft of Spacer Ahead	

X

Authorized To Proceed



**BISON**

**BISON OILWELL CEMENTING JOB SAFETY ANALYSIS WORKSHEET**

JOB/TASK: Plug and Abandon		CEMENTER/SUPERVISOR: JH		PAGE 1	OF 3
WELL NAME: WELLS RANCH PC AA22-04		RIG # SELECT #11		LOCATION: WELLS RANCH PROCESS FACILITY	
OPERATOR: NOBLE		CONSULTANT: KELLY		DATE: 11/27/13	
PPE REQUIRED: <ul style="list-style-type: none"> <li><input type="checkbox"/> FR Coveralls</li> <li><input type="checkbox"/> Safety Glasses</li> <li><input type="checkbox"/> Steel Toe Boots</li> <li><input type="checkbox"/> Impact Gloves</li> <li><input type="checkbox"/> Air Purifying Respirator</li> <li><input type="checkbox"/> Supplied Air Respirator</li> <li><input type="checkbox"/> Personal H2S Monitor</li> <li><input type="checkbox"/> Personal Methane Monitor</li> </ul>		ADDITIONAL PPE (based on job specific hazards) <ul style="list-style-type: none"> <li><input type="checkbox"/> Goggles</li> <li><input type="checkbox"/> Faceshield</li> <li><input type="checkbox"/> Chemical Resistant Gloves</li> <li><input type="checkbox"/> Chemical Resistant Clothing</li> </ul>		INVOICE # 12775	
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		<ul style="list-style-type: none"> <li>-Hold safety meeting with all personnel on location, ensure everyone pays attention to ensure they understand their role and responsibility during the job</li> <li>-Review treatment report with consultant and attain signature for authorization to proceed</li> <li>-Identify and address short service employees (SSE) who are on location</li> <li>-Verify method of relaying hand signals to rig crew for shutting down mud pump</li> </ul>	
3. Move trucks in and rig up equipment		Other traffic on location, overhead lines, pinch points, heavy lifting, slips/falls		<ul style="list-style-type: none"> <li>-Coordinate with well site supervisor for directions on where and when to park the equipment</li> <li>-All Bison crew members walk the location prior to driving in to access specific hazards</li> <li>-Utilize spotters when trucks are in motion</li> <li>-Establish buffer zone around equipment utilizing cones and caution tape</li> <li>-Cementer follows up to ensure connections are secure</li> <li>-Lift with your legs and use teamwork when rigging up</li> <li>-Utilize reflective vests and wands to increase visibility at night</li> <li>-Deploy spill berms and buckets</li> <li>-Verify connections on mudline for compatibility</li> </ul>	
4. Raise hose to rig floor		Overhead work, improper hook up/load not properly secured, miscommunication between ground personnel and the crane/tugger operator		<ul style="list-style-type: none"> <li>Inspect chains, slings, hooks prior to lift</li> <li>-Ensure line of sight with crane/tugger operator is maintained throughout the lift and hand signals are clarified before the lift.</li> <li>-Ensure no personnel are under suspended loads</li> <li>-Utilize tag line</li> </ul>	
5. Attach swage to tubing/Connect to swage on drill pipe		Connections/equipment failing under pressure, spills, slips and falls		<ul style="list-style-type: none"> <li>-Insure swage has proper pressure rating for the job and falls within the parameters of the <i>Bison Oilwell Cementing Iron Inspection Program</i></li> <li>-Verify the compatibility of the connections on a swage/pin provided by the rig</li> <li>-Minimize number of people on rig floor, utilize Bison personnel to attach cement lines</li> <li>-Be aware of surroundings when swinging a hammer</li> </ul>	
6. Pressure test lines		Equipment failing under high pressures		<ul style="list-style-type: none"> <li>-Ensure rig floor is clear and personnel are away from hoses prior to test</li> <li>-Establish buffer area around high pressure hoses</li> <li>-Lines are checked from a distance and using pressure gauges</li> <li>-Cementer ensures pressure gauges are working properly</li> </ul>	
Test to:		PSI- 1000		Pressure relief valve set to:	
Maximum pressure allowed for job:		PSI- 1000		PSI- 2000	
				Max. pump pressure: PSI- 2000	
				JH	

Remittance Address:

**Pro Forma Invoice**

**Select Energy Services**

PO Box 203997  
 Dallas, TX 75320-3997  
 Phone 303.651.0801 Fax 303.651.6219



Date	Invoice #	Page
12/05/13	SI654585	1

<b>Bill To:</b>				<b>Ship To:</b>			
NOBLE ENERGY, INC 804 GRAND AVE. PLATTEVILLE, CO 80651				NOBLE ENERGY, INC 804 GRAND AVE. PLATTEVILLE, CO 80651			
PO No.	Terms	Due Date	Ordered By	Attention	Main Code	Sub Code	AFE #
	Net 30 Days	01/01/14	ERIC ZWAAGST				AFE
<b>Lease Name</b> WELLS RANCH PC AA 22-4				<b>End Date of Work</b> 12/02/13			

Description	Qty	UOM	Unit Price	Total Price
11/22/13 TICKET NO. 849 CREW DROVE TO LOCATIO;N PARK RIG; WENT TO NOBLE OFFICE TO TAKE CLASS TO BE ABLE TO WORK INSIDE THE PLANT; DRIVE RIG TO LOCATION; WAIT FOR CREW TO MOVE CONCRETE SLABS; SPOT BASE BEAM PUMP & TANK; RIG UP; HOOK UP PUMP & TANK; CREW TRAVEL TO YARD. WORKOVER RIG (4 MAN CREW)	9	Hour	[REDACTED]	[REDACTED]
CREW TRAVEL	1	Day	[REDACTED]	[REDACTED]
BASE BEAM RENTAL	1	Day	[REDACTED]	[REDACTED]
11/25/13 TICKET NO. 851 CREW TRAVEL TO LOCATION; WARM RIG & PUMP; CHECK PRESSURES; CASING HAD 660 PSI & TUBING HAD 475 PSI BLOW THE BACK SIDE DOWN; SOME PUMP DOWN THE BACK SIDE; IT CIRCULATED UP THE TUBING; GOT ALL THE GAS OUT; NIPPLE UP THE BOP; PULL TUBING HAD 217 JTS & A SEAT NIPPLE; RIG UP GYRO WIRELINE; GYRO WELL; LAY DOWN THE WRIELINE; RUG TUBING BACK IN THE HOLE WITH BIT & SCRAPPER; RAN IT 100' BELOW WHERE THEY ARE GOING TO SET THE CIBP; STAND 300' OF TUBING IN THE DERRICK; CLOSE THE WELL IN; CREW TRAVEL TO YARD.	9	Hour	[REDACTED]	[REDACTED]
WORKOVER RIG (4 MAN CREW)	2	Day	[REDACTED]	[REDACTED]
CREW TRAVEL	1	Day	[REDACTED]	[REDACTED]
BASE BEAM RENTAL	1	Day	[REDACTED]	[REDACTED]
BLOWOUT PREVENTOR	1	Day	[REDACTED]	[REDACTED]
WASHINGTON HEAD	1	Day	[REDACTED]	[REDACTED]
PUMP & TANK	1	Day	[REDACTED]	[REDACTED]
TIW VALVE	1	Day	[REDACTED]	[REDACTED]
PIPE DOPE	1	Each	[REDACTED]	[REDACTED]
TUBING WIPER RUBBERS	1	Each	[REDACTED]	[REDACTED]

\* Customer Copy

Remittance Address:

**Pro Forma Invoice**

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 Dallas, TX 75320-3997  
 Phone 303.651.0801 Fax 303.651.6219



Date	Invoice #	Page
12/05/13	SI654585	2

Bill To:	Ship To:
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PO No.	Terms	Due Date	Ordered By	Attention	Main Code	Sub Code	AFE #
	Net 30 Days	01/01/14	ERIC ZWAAGST				AFE

<b>Lease Name</b> WELLS RANCH PC AA 22-4	<b>End Date of Work</b> 12/02/13
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Description	Qty	UOM	Unit Price	Total Price
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R45/R46 COMBINATION GASKET	1	Each		
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11/26/13 TICKET NO. 852  
 CREW TRAVEL TO LOCATION; WARM RIG & PUMP; CHECK PRESSURES; THERE WASN'T ENOUGH TO READ ON THE GUAGE; ROLL THE HOLE; CIRCULATE THE WELL; STAND 50 JTS IN THE DERRICK; LAY THE REST DOWN; RIG UP WIRELINE; RUN IN & SET CIBP AT 6418 & 2 SACKS OF CEMENT ON TOP OF IT; TAKE BOP OFF WELL; SHOOT THE CASING OFF AT 1492'; PUT BOP BACK ON LAY DOWN THE CASING; CLOSE WELL IN; DRAIN PUMP & LINES; CREW TRAVEL TO YARD.

WORKOVER RIG (4 MAN CREW)	10.5	Hour		
CREW TRAVEL	2	Day		
BASE BEAM RENTAL	1	Day		
BLOWOUT PREVENTOR	1	Day		
WASHINGTON HEAD	1	Day		
PUMP & TANK	1	Day		
TIW VALVE	1	Day		
PIPE DOPE	1	Each		
TUBING WIPER RUBBERS	1	Each		
R45/R46 COMBINATION GASKET	1	Each		

11/27/13 TICKET NO. 853  
 CREW TRAVEL TO LOCATION; FILL OUT PAPER WORK; GET GATE UNLOCKED; CHECK PRESSURES- NONE; RUN RUBING INTO CASING STUB; RIG UP BISON; PUMP 100 SACKS OF CEMENT; LAY TUBING DOWN TO THE 2ND PLUG; PUMP 300 SACKS TO GET IT TO SURFACE; LAY DOWN THE REST OF THE TUBING; STRIP OFF THE BOP; TOP WELL OFF WITH CEMENT; TOOK 30 SACKS; SHUT WELL IN:

**Select Energy Services**

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 Phone 303.651.0801 Fax 303.651.6219



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<b>Lease Name</b> WELLS RANCH PC AA 22-4				<b>End Date of Work</b> 12/02/13			

Description	Qty	UOM	Unit Price	Total Price
CREW TRAVEL TO YARD. WORKOVER RIG (4 MAN CREW)	5.5	Hour	[REDACTED]	[REDACTED]
CREW TRAVEL	2	Day	[REDACTED]	[REDACTED]
BASE BEAM RENTAL	1	Day	[REDACTED]	[REDACTED]
BLOWOUT PREVENTOR	1	Day	[REDACTED]	[REDACTED]
WASHINGTON HEAD	1	Day	[REDACTED]	[REDACTED]
PUMP & TANK	1	Day	[REDACTED]	[REDACTED]
TIW VALVE	1	Day	[REDACTED]	[REDACTED]
PIPE DOPE	1	Each	[REDACTED]	[REDACTED]
TUBING WIPER RUBBERS	1	Each	[REDACTED]	[REDACTED]
12/2/13 TICKET NO. 854 CREW TRAVEL TO LOCATION; HAD A HARD TIME GETTING IN THE GATE; GOT IN; WARM RIG; TAG CEMENT 60' DOWN RIG DOWN; CLEAN LOCATION; WAIT ON WINCH TRUCKS; MOVE OFF.				
WORKOVER RIG (4 MAN CREW)	4	Hour	[REDACTED]	[REDACTED]
CREW TRAVEL	1	Day	[REDACTED]	[REDACTED]
FUEL SURCHARGE			[REDACTED]	[REDACTED]

Amount Subject to Sales Tax	0.00	Amount Exempt from Sales Tax	0.00	Subtotal:	16,069.02
				Invoice Discount:	0.00
				Total Sales Tax:	0.00
** ANY APPLICABLE SALES TAXES WILL BE INCLUDED ON FINAL INVOICE				Total:	16,069.02