

The Road to Excellence Starts with Safety

Sold To #: 345242	Ship To #: 2810204	Quote #:	Sales Order #: 0903117096
Customer: NOBLE ENERGY INC E-BUSINESS		Customer Rep: Jacob Eicher	
Well Name: ANTHOLZ PC-AB	Well #: 6-16	API/UWI #: 05-123-32110-00	
Field: WATTENBERG	City (SAP): AULT	County/Parish: WELD	State: COLORADO
Legal Description: SE SE-6-7N-64W-690FSL-690FEL			
Contractor: UNKNOWN		Rig/Platform Name/Num: WORKOVER RIG	
Job BOM:			
Well Type: VERTICAL GAS			
Sales Person: HALAMERICA\HB60191		Srcv Supervisor: Eric Fuchs	

Job

Formation Name			
Formation Depth (MD)	Top		Bottom
Form Type	BHST		
Job depth MD	2664ft	Job Depth TVD	
Water Depth		Wk Ht Above Floor 3	
Perforation Depth (MD)	From		To

Well Data

Description	New / Used	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Casing		8.625	8.097	24			0	318	0	318
Tubing	3	2.375	1.995	4.7			0	2664	0	2664
Casing		4.5	3.826	15.1			0	2500	0	2500

Tools and Accessories

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe	2.375			2664	Top Plug	2.375		HES
Float Shoe	2.375				Bottom Plug	2.375		HES
Float Collar	2.375				SSR plug set	2.375		HES
Insert Float	2.375				Plug Container	2.375		HES
Stage Tool	2.375				Centralizers	2.375		HES

Fluid Data

Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
1	PLUG #1	HALCEM (TM) SYSTEM	40	sack	15.8	1.15			5
5 Gal		FRESH WATER							

Cement Left In Pipe	Amount	ft	Reason	Shoe Joint
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Fluid Data

Stage/Plug #: 2

Cement Left In Pipe	Amount	ft	Reason	Shoe Joint
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HALLIBURTON***Cementing Job Summary***

Mix Water: pH ##	Mix Water: ## ppm	Mix Water Temperature: ## °F °C
	Chloride:	
Cement Temperature: ## °F °C	Plug Displaced by: ## lb/gal kg/m3 XXXX	Disp. Temperature: ## °F °C
Plug Bumped? Yes/No	Bump Pressure: #### psi MPa	Floats Held? Yes/No
Cement Returns: ## bbl m3	Returns Density: ## lb/gal kg/m3	Returns Temperature: ## °F °C
Comment		

HALLIBURTON

Cementing

Noble 4.5" Plug

Date 2/10/16 So# 903117096 Antholz PC AB 06-16

Job Procedure

Time	#	Event/Stage	Amount bbls	Rate bpm	Requested Quantity	Density ppg	Yield ft ³ /sk	Water Rq. gal/sk	Total Water bbls
	1	Start Job	***Pre Pump Iron Inspection. Verify and communicate all valves are lined up to pump***						
	4	Fill Lines	3	2	3 bbls	8.33			3
	6	Pressure Test	3000 psi	***Reset Kick Outs to Maximum Job Pressure: 1500 psi***					
	14	Pump Primary Cement	8	4	40 sks	15.8	1.15	5	5
	23	Pump Water Displacement	8	4	8 bbls	8.33			8
	2	End Job	Est. Job Pump Time		0.06 hrs		Total Water (bbls)		66



DAILY WORK TICKET

63753

RRC #

REPORT # HUB METER

RIG # 57B-101

Customer Name	Customer AFE #	Date
MODIE ENERGY INC (Big #10)		3/11/16
Mailing Address	City	State
		Zip
		County

Field	Lease	Well	Order #
Antholz PC AB06-16			
Work Description:			
Workover	Rod	Rod & Tubing	Re-entry
Swabbing	Tubing	Completion	P & A

BILLING

DESCRIPTION	RATE	TOTAL	WORKOVER EQUIPMENT	QTY.	RATE Hr / Day / Ea.	TOTAL
RIG & CREW	Hrs. @ Per Hr.		P&A Charge			
EXTRA LABOR	Hrs. @ Per Hr.		Mileage			
RIG FUEL	Hrs. @ Per Hr.		G cement			
PUMP FUEL	Hrs. @ Per Hr.		Data Acquisition fee			
RECHARGE ITEMS	QTY.	RATE Hr. / Day / Ea.	FROD INSPECTION			
Crew Travel		noble energy	SURIN	(KX)		
Tool Pusher			80 bbl of water			
Per Diem		Antholz PC AB06-16				
Stripper Rubbers		Project / Lease Name				
Pipe Wipers		203125	Rod / TBG Tonges			
Tong Dies		AFF / RC Number	Adapler Flange			
Slip Dies		970.10 0017	SWABBING EQUIPMENT			
Safety Valve		Task Acct Code	Swab Cups - Size			
Fishing Tools		Erich Zwaagstra	OSR			
Pipe Dope		Oracle 1st Approver	Swabbing Acid			
Handling Equipment		jacobeicher	Fishing Tools			
		Approved By	Extra Tank			
		02/16/2016				
		Date				

MISCELLANEOUS:

TOTAL BILLABLE AMOUNT THIS FIELD REPORT

DESCRIPTION OF WORK:

TIME STARTED

TIME STOPPED

1) Stub plug w/ 53 JNTS @ 1,664.08' Establish circulation w/ 5 bbl of water, Mix and Pump 125 sacks of 15.8 # GGC. Displaced w/ 5 bbl of water, (cable '100' on 9" open hole)

Total Pump = 125 gxs

(location was to muddy wait for CAT to move trucks)

(Tony Mota TAKE DAY OFF) (OUT OF BID)

PAYROLL SECTION

EMPLOYEE	Emp. #	Revenue Hours	Travel Hours	Non-Revenue Hours	TOTAL
OPERATOR <i>Sergio ALVA</i>		<i>9.5</i>			<i>9.5</i>
DERRICK <i>Manuel TORRES</i>		<i>9.5</i>			<i>9.5</i>
FLOORHAND					
FLOORHAND					
FLOORHAND					

NO ACCIDENTS PER MY SIGNATURE

Gustavo Jaime

Gustavo Jaime

BAYOU WORKOVER SERVICES RIG SUPERVISOR

CUSTOMER / AGENT

WHITE - CUSTOMER CANARY - HOUSTON COPY PINK - BIG COPY GOLD - FIELD COPY

800 GESSNER ROAD
SUITE 1000
HOUSTON, TX 77024
(713) 935-8900
(713) 935-8901 (FAX)



DAILY WORK TICKET

63755

RRC # _____

REPORT # _____ HUB METER _____ RIG # BTR-101

Customer Name NOBLE ENERGY inc (RIG #10) Customer AFE # _____ Date 2/12/16

Mailing Address _____ City _____ State _____ Zip _____ County _____

Field _____ Lease _____ Well Antholz PC AB 06-16 Order # _____

Work Description: Workover _____ Rod _____ Rod & Tubing _____ Re-entry _____
Swabbing _____ Tubing _____ Completion _____ P & A _____

BILLING						
DESCRIPTION	RATE		TOTAL	WORKOVER EQUIPMENT	QTY.	TOTAL
RIG & CREW	Hrs. @	Per Hr.		PER CHARGE		
EXTRA LABOR	Hrs. @	Per Hr.		MILEAGE	80	
RIG FUEL	Hrs. @	Per Hr.		G cement		7442.00
PUMP FUEL	Hrs. @	Per Hr.		DATA acquisition fee		
RECHARGE ITEMS				IRON INSPECTION		500.00
Crew Travel	QTY.	RATE Hr. / Day / Ea.		SUGAR		
Tool Pusher				30 bbl of water		
Per Diem						
Stripper Rubbers				JU / Washington H		
Pipe Wipers				Rod / TBG Tongs		
Tong Dies				Adapter Flange		
Slip Dies				SWABBING EQUIPMENT		
Safety Valve				Swab Cups - Size		
Fishing Tools				OSR		
Pipe Dope				Swabbing Acid		
Handling Equipment				Fishing Tools		
				Extra Tank		

Project / Lease Name	203125
AFE / RC Number	970.10
Task	0017
Acct Code	
Oracle 1st Approver	Erich Zwaagstra
Approved By	jacobeicher
Date	02/16/2016

MISCELLANEOUS: TOTAL BILLABLE AMOUNT THIS FIELD REPORT \$ total =

DESCRIPTION OF WORK: TIME STARTED _____ TIME STOPPED _____

1) shoe plug w/ 33 SNTS @ 1040.08' Establish Circulation w/ 3 bbl of water, Mix and Pump 385 SXS TO cement tank, TOOTH ID 33 SNTS AND BOP'S. TOP OF well w/ 20 SXS OF 15.8 # CGC TO SURFACE.
(Cober 1040.08' on 9" open hole and 8 5/8" SURFACE CSG)
Total Pump = 405 SXS

(OUT OF BID)

PAYROLL SECTION					
EMPLOYEE	Emp. #	Revenue Hours	Travel Hours	Non-Revenue Hours	TOTAL
OPERATOR <u>Sergio Alva</u>		5			5
DERRICK <u>Manuel Torres</u>		5			5
FLOORHAND <u>Tony Motz</u>		5			5
FLOORHAND					
FLOORHAND					

NO ACCIDENTS PER MY SIGNATURE Gustavo Saine

Gustavo Saine
BAYOU WORKOVER SERVICES RIG SUPERVISOR

CUSTOMER / AGENT