

**Ranger Energy Services  
3333 Center Drive  
Milliken, CO, 80534  
(970) 587-5813 or (970) 587-5824 (Fax)**

**Job Log**

Date: 8/18/2017

Operator: Noble Energy

Well Name: Booth USX EE 25-17

Legals: SWNE, Section 25, Township 7 North, Range 65 West

API: 05-123-24719

Location: Weld County, Colorado

8/15/2017: MIRU P&A equipment, NDWH, NUBOP, TOH tubing, shut well in, SDFN

8/16/2017: RU wireline, PU 4-1/2" CIBP, TIH to set at 7,121', RD wireline, RU hydrotesters, PU packer TIH to 3,008' and pressure test CIBP/casing, pressure held below packer but not above, TOH, LD packer TIH to 7,121', pump 40 sxs of cement on top, 8.2 bbl. of slurry on top of CIBP, (7,121' – 5,592') TOH and LD to 3,230', pump 45 sxs of cement, 9.2 bbl. of slurry from 3,230' – 2,635', TOH NDBOP Shut well in, SDFN

8/17/2017: RU wireline, TIH and cut casing at 880', TOH, RD wireline, circulated wellbore clean RU spear, spear and unland casing, NUWH, NUBOP, TOH and LD casing TIH to 932', pump 10 bbl. of mud flush, pump 150 sxs of gas block cement, 31.5 bbl. of slurry pumped TOH and LD tubing, shut well in, SDFN

8/18/2017: TIH and tag TOC at 575', pump 180 sxs of cement to surface, 37 bbl. of slurry to surface TOH and LD tubing, NDBOP, NDWH, shut in well with night cap, RDMO, P&A complete

\* \* \* All cement is 15.8 # Class "G" neat cement \* \* \*

Cementing Contractor: Ranger Energy Services

Operator Supervisor: Rick Sheets

State Representative: Jason Gomez

Wireline Contractor: Cased Hole Solutions

CASEHOLE SOLUTIONS																																																																										
		<b>Rev.121316 A</b>				CUSTOMER P. O. NUMBER				SERVICE ORDER <b>F-6061</b>		PAGE <b>1 of 1</b>																																																														
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<b>92-0463</b>		<b>DAYLIGHT</b>		<b>WORKOVER</b>																																																																						
		TRIP: <b>FIRST</b>		HOISTING TYPE: <b>WORKOVER RIG</b>		ROUND TRIP MILEAGE																																																																				
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1			N - Packoff	each	1					Plug																																																																
2			N - Flange Rental	each	1					Perf																																																																
3		7121	N - Set & Supply 4 1/2 CIBP	each	1																																																																					
4			N - Premium Bridge Plug	each	1																																																																					
5			N-Individual Gas Monitors	each	1																																																																					
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<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><b>BOOTH USX EE25-17</b> Project / Lease Name <b>206134</b> AFE / RC Number <b>970.10</b>      <b>0052</b> Task      Acct Code <b>ERICH ZWAAGSTRA</b> Oracle 1st Approver <b>ricksheets</b> Approved By <b>08/17/2017</b> Date</p> </div> <div style="width: 65%;"> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">STANDARD PRICING</th> </tr> </thead> <tbody> <tr> <td colspan="2">Runs for this job made in August were 0</td> <td colspan="2">CIBP @ 7121'</td> </tr> <tr> <td colspan="2">TOTAL OF BOOK PRICE</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">TOTAL DISCOUNT</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">TOTAL DISCOUNT PERCENTAGE</td> <td colspan="2">0.00%</td> </tr> </tbody> </table> </div> </div>															STANDARD PRICING				Runs for this job made in August were 0		CIBP @ 7121'		TOTAL OF BOOK PRICE				TOTAL DISCOUNT				TOTAL DISCOUNT PERCENTAGE		0.00%																																									
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CASEHOLE SOLUTIONS									
TO CUSTOMER P.O. NUMBER		SERV. ORDER		PAGE					
Rev.121316 A		F5189		1 of 1					
Service charges include a daily per diem of \$30.00/employee and a daily catering charge (when provided by Casedhole Solutions) of \$25.00/employee.									
YOU ARE HEREBY REQUESTED TO PERFORM OR ATTEMPT TO PERFORM THE FOLLOWING SERVICE(S) OR FURNISH THE FOLLOWING EQUIPMENT:				DATE 08/17/2017					
CUSTOMER(S) AND/OR EQUIPMENT REQUESTED									
CUSTOMER	COMPANY	Noble Energy Production, Inc.							
FURNISHED	LEASE	BOOTH USX EE 25-17		WELL NUMBER	0				
LEASE/WELL	LEGAL & LOCATION	SW/NE 25 7N 65W							
INFORMATION	FIELD	WATTENBERG	PARISH/COUNTY	WELD	STATE Colorado				
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CUSTOMER NAME Noble Energy Production, Inc.									
INVOICE MAILING ADDRESS			CITY	STATE	ZIP CODE				
SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE									
Thank you for using Casedhole Solutions!!			Total runs, all pages		0				
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TRIP:	HOISTING TYPE:	PSI	BOTTOM HOLE PRESSURE:	PSI					
WIRELINE DEPTH	MAX. WELLHEAD PRESSURE	PSI							
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			N - Packoff	each	1				
			N-Individual Gas Monitors	each	2				
	880'		N - Jet Cutters (all)	each	1				
JET CUT @ 880' 0 0 0.000 0									
STANDARD PRICING									
TOTAL OF BOOK PRICE			0.00						
TOTAL DISCOUNT			0.00						
TOTAL DISCOUNT PERCENTAGE			0.00%						
ESTIMATED TOTAL CHARGE PAGE 1									
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R.SHEETS		RECEIVED AT WELL	CUST. INITIALS	SIGNATURE OF CASEDHOLE SOLUTIONS ENGINEER					
Brackelsberg, Harry				Brackelsberg, Harry					
SIZE	WEIGHT	TYPE	FROM	TO	PERM. DEPTH DATUM				
0					LOG MEAS. FROM WHICH IS ABOVE PERM DATUM D.F. G.L.				
0					Fluid Type Fluid Weight Fluid Level REMARKS				
0					District doing job: Fort Lupton, CO				
0					Line of Business: Workover				
0					Type of Job:				
Casedhole Engineer NAMES		WORK WITNESSED BY NAME		Class: Vert. Domestic					
Brackelsberg, Harry		R.SHEETS		District job is in: Fort Lupton, CO					
Crew 1				AFE#: 206134					
Crew 2				Engineer: Brackelsberg, Harry					
Crew 3				MSA#:					
Crew 4									
Crew 5									
Crew 6									