

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

Job Log

Date: 5/8/2017

Operator: Noble Energy Inc.

Well Name: Stromberger #13-35

Legal: SWSW, Section 13, Township 6 North, Range 67 West

API: 05-123-26235

Location: Weld County, Colorado

5/1/2017: MIRU P&A equipment, SDFN

5/2/2017: Blow down well, NDWH, NUBOP, TOH with tubing

RU hydrotesters, TIH with 4-1/2" CIBP and set at 7,129'

Pressure test to 1,000 psi for 15 minutes, pressure did not hold

Shut well in, SDFN

5/4/2017: RU wireline, TIH with 4-1/2" CIBP and tag at 5,650' and 6,250', TOH

TIH with 4-1/2" GR/JB to 7,120', TOH, TIH with 4-1/2" CIBP and set at 7,110', TOH, RD wireline

TIH to 7,100', circulate wellbore clean, pressure test casing to 1,000 psi for 15 minutes, pressure held

Shut well in, SDFN

5/5/2017: TIH to 7,110' and tag CIBP, pump 40 sxs of cement on top of CIBP

TOH and LD to 4,467', pump 40 sxs of cement, TOH and LD to 2,508', pump 40 sxs of cement, TOH

RU wireline, TIH with casing cutter, cut 4-1/2" casing at 370', TOH, RD wireline

Circulate wellbore clean, NDBOP, NDWH, NU casing spear, un-land 4-1/2" casing

NUBOP, LD 4-1/2" casing, changeover to 2-3/8" handling equipment

TIH to 922', RU Ranger cementers, establish circulation, pump 10 bbl. of mud flush

Pump 150 sxs of Gas Block cement, RD Ranger cementers, TOH with tubing, shut well in, SDFN

5/8/2017: TIH with tubing and tag TOC at 36'. TOH with tubing, RU Ranger cementers

Pump 11 sxs to surface, RD Ranger cementers, shut well in with night cap, P&A complete

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

Cementing Contractor: Ranger Energy Services

Operator Supervisor: Chris Hohnstein

State Representative: Jason Gomez

Wireline Contractor: Cased Hole Solutions

CASEDHOLE SOLUTIONS															
<div> Casedhole Solutions</div>					CUSTOMER P.O. NUMBER					SERVICE NO.			PAGE		
Rev.121316 A										F5098			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. To CASEDHOLE SOLUTIONS, INC. You are hereby requested to perform or attempt to perform the following service(s) or furnish the following equipment: 															
DATE 05/04/2017															
SERVICE(S) AND/OR EQUIPMENT REQUESTED															
CUSTOMER		COMPANY	Noble Energy Production, Inc.												
FURNISHED		LEASE	STROMBERGER							WELL NUMBER	13-35				
LEASE/WELL		LEGAL & LOCATION	SW/SW 13 6N 67W												
INFORMATION		FIELD	WATTENBERG				PARISH/COUNTY	WELD		STATE	Colorado				
THE UNDERSIGNED, HEREINAFTER REFERRED TO AS CUSTOMER AGREES TO PAY YOU FOR THE ABOVE SPECIFIED SERVICE(S) INCLUDING LEASED EQUIPMENT AND ANY ADDITIONAL SERVICE(S) REQUESTED, AT THE FIELD OFFICE OF CASEDHOLE SOLUTIONS, INC. IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF YOUR CURRENT PRICE SCHEDULE. IN CONSIDERATION OF THE PRICES AS SET OUT IN YOUR CURRENT APPLICABLE PRICE SCHEDULE WE CHOOSE TO BE BOUND BY THE TERMS AND CONDITIONS SET OUT IN THE CURRENT PRICE SCHEDULE (ALSO PRINTED ON THE REVERSE SIDE HEREOF), INCLUDING THE ASSUMPTION BY US OF THE LIABILITIES AND RESPONSIBILITIES CONTAINED IN THE RESPONSIBILITIES HEREIN ASSUMED BY US. WHEN SIGNED BY AN AGENT ON BEHALF OF CUSTOMER, SAID AGENT REPRESENTS THAT HE HAS FULL AUTHORITY FROM HIS PRINCIPAL TO EXECUTE SAME, IN THE ABSENCE OF AUTHORITY, THE SIGNER AGREES THAT HE SHALL BE OBLIGATED HEREUNDER AS CUSTOMER.															
CUSTOMER NAME Noble Energy Production, Inc.															
INVOICE MAILING ADDRESS										CITY	STATE			ZIP CODE	
SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE															
X										Thank you for using Casedhole Solutions!!			Total runs, all pages		0
THE ESTIMATED CHARGES AND DATA SHOWN ARE SUBJECT TO CORRECTION BY CASEDHOLE SOLUTIONS, INC. ACCOUNTING															
UNIT NUMBER		OPERATION TYPE:		WELL TYPE:		ROUND TRIP MILEAGE									
92-0438															
		TRIP:		HOISTING TYPE:											
WIREFLINE DEPTH		MAX. WELLHEAD PRESSURE				PSI		BOTTOM HOLE PRESSURE:				PSI			
LISC. NO.	PERF. INTERVAL	PLOG DEPTH	OPERATION	ITEM	QUAN.	UNIT PRICE	DISC.	PRICE	AMOUNT	SERVICE	FIRST READING	LAST READING	FOOTAGE DEL.		
1			N - Flange Rental	each	1					Plug					
			N - Packoff	each	1					Perf					
		5890	N - Gauge Ring or Depth Determination	per run	1				70						
		7117	N - Gauge Ring or Depth Determination	per run	1				70						
		7110	N - Set & Supply 4 1/2 CIBP	each	1	1 350.0	0.0000	11.00	3						
			N - Misc. Magnets/Impression Blocks/Etc	foot	3'				99.90						
PREMIUM PLUG CHG															
1ST RUN/CIBP-STACK OUT AT 5890' 0 0 0.000 0															
2ND RUN/JUNK BSKET/GAGE RING 0 0 0.000 0															
TO 7117 - GET RUBBER OUT OF WELL 0 0 0 0															
3RD RUN/SET CIBP AT 7110' 0 0 0.000 0															
STANDARD PRICING															
TOTAL OF BOOK PRICE															
TOTAL DISCOUNT															
TOTAL DISCOUNT PERCENTAGE 0.00%															
ESTIMATED TOTAL CHARGE PAGE 1															
SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE															
X CHRIS HOHNSTEIN RECEIVED AT WELL CUST. INITIALS SIGNATURE OF CASEDHOLE SOLUTIONS ENGINEER Brackelsberg, Harry															
CASING/TUBING RECORD															
SIZE	WEIGHT	TYPE	FROM	TO	PERM. DEPTH DATUM	GROUND LEVEL	ELEV.	ELEV K.B.							
		0			LOG MEAS. FROM	WHICH IS	ABOVE PERM DATUM	D.F.	GL						
		0			Fluid Type	Fluid Weight	Fluid Level	REMARKS							
		0			lbs/gal	feet	District doing job: Fort Lupton, CO								
		0			Bottom Hole Temperature		Degrees F	Line of Business: Workover							
Type of Job:															
CASEDHOLE ENGINEER NAMES															
Brackelsberg, Harry Crew 1															
Crew 2															
Crew 3															
Crew 4															
Crew 5															
Crew 6															
WORK WITNESSED BY NAME															
CHRIS HOHNSTEIN															
Class: Vert. Domestic															
District job is in: Fort Lupton, CO															
AFE#: 205457															
Engineer: Brackelsberg, Harry															
MSA#:															

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