



Date: 9/14/20 – 9/17/20

Operator: Noble Energy Inc.

Well Name: Marshall G32-13JI

Legal Location: SWSW Sec. 32 T4N R65W

API # 05-123-20204

Job Log

Weld County

9/14/20:MI RU, check psi:650/600/0psi, pressure test pump lines and BOPs, controlled well with 130bbls of water, ND WH, NU BOPs, SWI.

9/15/20:check psi:0/0/0psi, TOOH, RU WL to go in and set CIBP@7012' and to spot 2sks of CMT on plug, load well with 85bbls of water to pressure test to 500psi, held good, set 2nd CIBP@4307' and to spot 2sks of CMT on plug, shot squeeze holes @2500', establish injection rate, shot holes @2000' and set CICR@2400', RD WL, TIH with stinger to sting into retainer, SWI.

9/16/20:check psi:0/0psi, RU CMT equip to condition well and to pump 1185sks plug(2400'-2000'), RD CMT equip, TOOH, RU WL to go in and cut CSG@868', RD WL, ND BOPs and WH, UNLAND CSG, NU BOPs, TOOH, lay down 21-4 ½jts, SWI.

9/17/20:check psi:0psi, TIH with 28jts down to 868', RU CMT equip to condition well and to pump CMT up to surface, lay down TBG, ND BOPs and WH, top off well with CMT(297sks top plug, SWI.

All cement is 15.8 # Class "G" neat cement

Cementing Contractor: SPN Well Services

Cementing Contractor Supervisor: Matt Bulinski

Operator Supervisor: Dallas Russell

State Representative: Abe Serna

Wireline Contractor: SPN Well Services – E - Line



Well Services

E-LINE

Company	Noble Energy	Well Name and No.	MARSHALL G32-13 JI	Engineer	Adam Steerman		
County	Weld	Date	9/15/2020	Ticket No.	7770-1599	Unit No.	WL 7770
District	Greeley CO 0928-120	Line Size	9132	Line Length	25600		
Job Time:	11:00 AM	Shop Time:	7:00 AM	Leave Shop:	10:00 AM	Arrive Location:	10:30 AM
Field Hrs.	3:05:00	Standby Hours:	0:00:00	Total Hours	4:00:00	Travel Time Hrs.	0:55:00
Trip Miles	21	Leave Location:	3:10 PM	Arrive Shop:	3:35 PM		

Notice: Engineer to monitor for stray voltage prior to rig up: Wellhead volts: 0 Rig volts : 0

Were there any equipment or down hole failures? Yes No If yes explain on Quality Control Analysis Form

Were there any hot shots required? Yes No If yes explain on Quality Control Analysis Form

Were there any personnel problems? Yes No If yes explain on Quality Control Analysis Form

Were there any accidents? Yes No If yes explain on Quality Control Analysis Form

Were there any near misses? Yes No If yes explain on Quality Control Analysis Form

Well Information

Casing Size 4.5 Liner Size _____ Tubing Size _____ Drill Pipe Size _____

Drill Collar _____ Minimum I.D. _____ Fluid Level FULL Deviation _____

Max. Temp. _____ Max. Pressure _____

Run Data

RUN INFORMATION		*****REMARKS SECTION*****	*****DESCRIBE RUN DETAILS IN FULL*****
1 Time in	<u>10:50 AM</u> Out <u>11:30 AM</u>	RIH with CIBP for 4.5 Casing, Set @ 7012', POOH	
From	<u>7012'</u> To <u>Surface</u>		
Service	<u>CIBP</u>		
2 Time in	<u>11:35 AM</u> Out <u>12:00 PM</u>	RIH with Dump Bailer, Cement @ 7012', POOH	
From	<u>7012'</u> To <u>Surface</u>		
Service	<u>Dump Bailer</u>		
3 Time in	<u>12:25 PM</u> Out <u>1:00 PM</u>	RIH with CIBP for 4.5 Casing, Set @ 4307', POOH	
From	<u>4307'</u> To <u>3900'</u>		
Service	<u>CIBP</u>		
4 Time in	<u>1:45 PM</u> Out <u>2:00 PM</u>	RIH with Dump Bailer, Cement @ 4307', POOH	
From	<u>4307'</u> To <u>Surface</u>		
Service	<u>Dump Bailer</u>		
5 Time in	<u>2:05 PM</u> Out <u>2:20 PM</u>	RIH with Squeeze Gun, Holes @ 2500', POOH	
From	<u>2500'</u> To <u>Surface</u>		
Service	<u>Squeeze Gun</u>		
6 Time in	<u>2:25 PM</u> Out <u>2:40 PM</u>	RIH with Squeeze Gun, Holes @ 2000', POOH	
From	<u>2000'</u> To <u>Surface</u>		
Service	<u>Squeeze Gun</u>		
7 Time in	<u>2:45 PM</u> Out <u>3:00 PM</u>	RIH with CICR for 4.5 Casing, Set @ 2400', POOH	
From	<u>2400'</u> To <u>Surface</u>		
Service	<u>CICR</u>		
8 Time in	<u>12:00 AM</u> Out <u>12:00 AM</u>		
From	<u>0</u> To <u>0</u>		
Service	<u>0</u>		



Well Services

E-LINE

Field Ticket

P.O. BOX 201934
DALLAS, TX. 75320-1934
24 Hour Phone (970) 353-5118
S

Date
September 16, 2020

Company Name Noble Energy		Well Name and Number MARSHALL G32-13 JI		Field Ticket Number 7770-1600
Address 2115 117th Ave		Well API # 05-123-20204	District Greeley CO 0928-120	Engineer Adam Steerman
City/State/Zip Code Greeley, CO 80631		Latitude 40.268838	Wireline Unit Number WV 7770	Supervisor/Engineer
County/Parish Weld	Field WATTENBERG	Longitude -104.694799	Rig Name & Number or Crane Unit Number Leed Rig 712	Equipment Operator Jake Oster
Field Engineer / Supervisor Signature Adam Steerman		Equipment Operator		

R U N	RUN DATA				N	S	O	T	L	UNITS	CODE	DATE	DEPTHS AND DESCRIPTION	UNIT PRICE	AMOUNT
	Job Time	Shop Time	Arrive Location	Finish Rig Up											
	9:30	7:00	9:00							1.0	1000-100		Service Charge Cased Hole Unit	\$	
	9:30		9:00							1.0	1120-010		Packoff Operation Charge#-1000#	\$	
	9:20	9:30					X								
1	10:10	10:20	10:20				X			6,000.0	1050-001		Jet Cutter Depth Charge	\$	
	From 866'	To Surface								1.0	1050-004		Jet Cutter Operation Charge for Casing	\$	
	Service in Jet Cut			2											
2	Time in	Time Out													
	From	To													
	Service														
3	Time in	Time Out													
	From	To													
	Service														
4	Time in	Time Out													
	From	To													
	Service														
5	Time in	Time Out													
	From	To													
	Service														
6	Time in	Time Out													
	From	To													
	Service														
7	Time in	Time Out													
	From	To													
	Service														
8	Time in	Time Out													
	From	To													
	Service														
9	Time in	Time Out													
	From	To													
	Service														
10	Time in	Time Out													
	From	To													
	Service														
11	Time in	Time Out													
	From	To													
	Service														
12	Time in	Time Out													
	From	To													
	Service														
13	Time in	Time Out													
	From	To													
	Service														
14	Time in	Time Out													
	From	To													
	Service														
											SUB TOTAL		\$		
											LESS DISCOUNT		\$		
											NON DISCOUNTED ITEMS				
	Begin Rig Down:	10:20	Finish Rig Down:	10:30											
	Leave Location:	10:30	Arrive Shop:	11:00											
	Operating Hrs:	0:30	Standby Hours:	0:00	2	0									
	Total Field Hrs:	1:30	Travel Time Hrs:	1:00											
	Total Trip Miles:	21	Lost Time Hrs:	0:00											
	Line Size:	932	Line Length:	25,600											
	Wellhead Valve:	0	Rig Valve:	0											
	WELL DATA														
	Casing Size:	4 1/2	Liner Size:												
	Tubing Size:		Drill pipe Size:												
	Drill Collar Size:		Minimum I.D.:												
	Fluid Level:	FULL	Deviation:												
	Max. Temp.:		Max. Pressure:												
	Field Prints:		Final Prints:												
	Comments:														
											SUB TOTAL		\$		
											TOTAL		\$		
											P.O. Number	AFB Number (422129659)			

All Invoices Payable in Box 201934 Dallas, Dallas CO., TX 75320-1934.
 TERMS: NET 30 DAYS.
 Concerning Irretrievable loss of sealed sources, both SPN Well Services E-Line and customer agree to abide by 25 TAC § 269.263 and NRC Part 39.77.
 The Services (as defined in the Terms) related to this Field Invoice Ticket shall be governed exclusively by the SPN Well Services Customer Agreement General Terms and Conditions (the "Terms"), which are expressly incorporated herein by reference. The Terms are available upon request and at Superior's website (<http://www.superiorcng.com>). Acceptance of the Terms shall be by the earlier of the date of signing above or by acknowledgment as described in Section 1 of the Terms, including without limitation by beginning performance.

Customer Signature _____ Customer Printed Name _____



Well Services

E-LINE

Company	<u>Noble Energy</u>	Well Name and No.	<u>MARSHALL G32-13 JI</u>	Engineer	<u>Adam Steerman</u>
County	<u>Weld</u>	Date	<u>9/16/2020</u>	Ticket No.	<u>7770-1600</u>
District	<u>Greeley CO 0928-120</u>	Line Size	<u>9132</u>	Line Length	<u>25600</u>
Job Time:	<u>9:30 AM</u>	Shop Time:	<u>7:00 AM</u>	Leave Shop:	<u>8:30 AM</u>
Field Hrs.	<u>0:30:00</u>	Standby Hours:	<u>0:00:00</u>	Total Hours	<u>1:30:00</u>
Trip Miles	<u>21</u>	Leave Location:	<u>10:30 AM</u>	Arrive Shop:	<u>11:00 AM</u>
				Arrive Location:	<u>9:00 AM</u>
				Travel Time Hrs.	<u>1:00:00</u>

Notice: Engineer to monitor for stray voltage prior to rig up: Wellhead volts: 0 Rig volts: 0

Were there any equipment or down hole failures? Yes No If yes explain on Quality Control Analysis Form

Were there any hot shots required? Yes No If yes explain on Quality Control Analysis Form

Were there any personnel problems? Yes No If yes explain on Quality Control Analysis Form

Were there any accidents? Yes No If yes explain on Quality Control Analysis Form

Were there any near misses? Yes No If yes explain on Quality Control Analysis Form

Well Information

Casing Size	<u>4.5</u>	Liner Size		Tubing Size	<u>0</u>	Drill Pipe Size	
Drill Collar		Minimum I.D.		Fluid Level	<u>FULL</u>	Deviation	
Max. Temp.		Max. Pressure					

Run Data

RUN INFORMATION

*****REMARKS SECTION*****DESCRIBE RUN DETAILS IN FULL*****

1 Time in	<u>10:10 AM</u>	Out	<u>10:20 AM</u>	RIH with Jet Cutter, Cut @ 868', POOH
From	<u>868'</u>	To	<u>Surface</u>	
Service	<u>Jet Cut</u>			
2 Time in	<u>12:00 AM</u>	Out	<u>12:00 AM</u>	
From	<u>0</u>	To	<u>0</u>	
Service	<u>0</u>			
3 Time in	<u>12:00 AM</u>	Out	<u>12:00 AM</u>	
From	<u>0</u>	To	<u>0</u>	
Service	<u>0</u>			
4 Time in	<u>12:00 AM</u>	Out	<u>12:00 AM</u>	
From	<u>0</u>	To	<u>0</u>	
Service	<u>0</u>			
5 Time in	<u>12:00 AM</u>	Out	<u>12:00 AM</u>	
From	<u>0</u>	To	<u>0</u>	
Service	<u>0</u>			
6 Time in	<u>12:00 AM</u>	Out	<u>12:00 AM</u>	
From	<u>0</u>	To	<u>0</u>	
Service	<u>0</u>			
7 Time in	<u>12:00 AM</u>	Out	<u>12:00 AM</u>	
From	<u>0</u>	To	<u>0</u>	
Service	<u>0</u>			
8 Time in	<u>12:00 AM</u>	Out	<u>12:00 AM</u>	
From	<u>0</u>	To	<u>0</u>	
Service	<u>0</u>			