



Date: 7/13/2021 – 7/15/2021

Operator: Noble Energy Inc.

Well Name: LDS D09-31D

Legal Location: NENE Sec. 8 3N 64W

API # 05-123-27118 Job Log

Weld County

7/13/2021:move in, rig up, check psi:1340/1340/10psi, SWI.

7/14/21:check psi:1220/1270/0psi, pressure test pump lines and BOPs, RU flow back equip to incinerate gas, circulate well with 155bbls of water, RD flow back equip, ND WH, NU BOPs, TOOH, RU WL to go in and set CIBP@6790' and to spot 2sks of CMT on plug, load well with 45bbls of water, pressure test plug to 500psi, held good, RD WL, SWI.

7/15/21:check psi:0/0psi, RU WL to set 2nd CIBP@4106' and to spot 2sks of CMT on plug, run in to set 3rd CIBP@2000' and to spot 2sks of CMT on plug, run in to cut CSG@778', RD WL, circulate well with 80bbls of water, monitor well for gas, ND BOPs, NU WH, RU CMT equip to condition well and to pump 283sks plug from 778' to surface, RD CMT equip, SWI, RD MO.

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

Cementing Contractor: SPN Well Services

Cementing Contractor Supervisor: Matt Bulinski

Operator Supervisor: Tyson Hamacher

State Representative: Adam Burns

Wireline Contractor: SPN Well Services – E - Line



Well Services

NO. 67289

Date 7/15/21
Customer Chevron State CO
Well / Lease LDS DOQ-31 D County Weld
Company Rep. Tyson Hammacher Time 6am To 4:30pm Area PSA-005 Rig No. 725
START FINISH

DESCRIPTION

Out of Scope - Scenario 1-A
2- CIBP
2- Dump Bailer

TOOL BOX SAFETY MEETING

ATTENDEES OTHER THAN LISTED BELOW

TOPIC

Rig Time _____ Hrs. @ _____ Per Hr. _____
Crew Travel x _____
Mud Pump x Tank _____
Base Beam _____
Power Swivel x _____
Washington Head _____
Blow-out Preventer x _____
Flanges x _____
Tool Pusher _____
Mud Tank x _____
Power Rod Tongs x _____
Fuel _____ Gals. @ _____ Per Gal _____
Pipe Dope @ \$ _____ Per Trip _____
Washington/Stripper Rubber _____ # @ \$ _____

CHARGE RECORD

Type Well Head _____ Mud Anchor _____ No. & Size Rods _____
Packer Settings _____ Size Tubing _____ No. & Size Subs _____
Type Packer _____ Subs _____ Pump Description (out) _____
No. Jts. Tubing _____ Perf. Nppl. _____ (in) _____

SIGNATURE - CUSTOMER REPRESENTATIVE

SIGNATURE - SUPERVISOR

OPERATOR

DERRICKMAN

FLOOR HAND

FLOOR HAND

RIG	TRAVEL	TOTAL



J00686835

Well Services

NO. 67761
67761

40.246707
-104.565578

Date 07-15-2021

Customer Noble Energy

State CO

Well / Lease LDS D09-310

County Weld ✓

Company Rep. Tyson Hamacher Time 6:00am To 4:30pm Area PNA

Rig No. 725

DESCRIPTION

(6:00) RCTL, (6:30) HSM, start equip check well Psi, O Psi, unlock well (7:00) HSM w/ WL Rig up WL, set a CIBP @ 4106' + 2sxs of cnt on Top, set a CIBP @ 2000' + 2sxs of cnt on Top, cut 4 1/2 CSG @ 778', Rig down WL, (10:00) circulate well clean, use 80 Bbls, (10:30) monitor well for 30min, check well Psi, O Psi, Rig down w/ floor, NO BOP + well Head, (11:30) wait on decision (12:30) HSM w/ cementers, Rig up cementers pump 10 Bbls of mud flash + 5 Bbls of freshwater + 283sxs of cnt from 778' to surface, Rig down cementers, (1:30) secure well, Rig down Rig + Hardline, (2:30) Rig move to next well, spatt Base Beam + Rig, Rig up Rig + Hardline, wash out Tank.

TOOL BOX SAFETY MEETING secure Rig + Tanks, clean Location, (4:00) Rig crew

ATTENDEES OTHER THAN LISTED BELOW drove back To yard

TOPIC 2 hrs OOS monitor well and wait on Decision

P&A Final

Type Well Head _____	Mud Anchor _____	No. & Size Rods _____
Packer Settings _____	Size Tubing _____	No. & Size Subs _____
Type Packer _____	Subs _____	Pump Description (out) _____
No. Jts. Tubing _____	Perf. Nppl. _____	(in) _____

SIGNATURE - CUSTOMER REPRESENTATIVE

SIGNATURE - SUPERVISOR

	RIG	TRAVEL	TOTAL
OPERATOR <u>Luis Trujillo</u>	9.5	1	10.5
DERRICKMAN <u>Edgar Peña</u>	9.5	1	10.5
FLOOR HAND <u>Joaquin castillo</u>	9.5	1	10.5
FLOOR HAND <u>Jose Avalos</u>	9.5	1	10.5



J00686835
Well Services

NO. 67760
67760

40.241707

-104.585578

Date 07-14-21

Customer Noble Energy

State CO

Well / Lease L DS D09-31D

County weld ✓

Company Rep. Jorge Nava ?

Time 6:00am To 6:30
START FINISH

Area PNA

Rig No. 725

DESCRIPTION

(6:00) RCTL, (6:30) HSM, start equip, check well Psi, Tubing 1220Psi, CSG 1270Psi, sur face 0 Psi.
unlock well, (7:00) Pressure test BOP + Hardline (8:00) HSM w/ Burners & Burn Gas (10:30) start Pump
To kill well, circulate well clean use 155 Bbls, Rig down Burners, (11:30) MD well
Head, nu BOP, Rig up w/ floor (Inland Tubing (12:30) LD 231 Joints (3:00) HSM
w/ wL, Rig up wL, set a CIBP @ 6790' + 2sxs of cement on Top, full up well use
45 Bbls, Pressure test Plug and CSG @ 500Psi. for 15 min, good Test, Rig
down wL (5:00) secure well + Rig + Tanks, clean Location, (5:30) Rig crew drove
back to yard.

TOOL BOX SAFETY MEETING

ATTENDEES OTHER THAN LISTED BELOW water. start w/ 460 Bbls. Finish w/ 260 Bbls

TOPIC 2.5 hrs OOS unit to burn Gas RPS

P&A Day 1

CHARGE RECORD

725	Rig Time	Hrs. @	Per Hr.	\$	Fishing Tools x	\$
5062	Crew Travel x			\$	Light Plant x	\$
8311	Mud Pump x Tank			\$	Swab Cups # @ \$	\$
40-6-9	Base Beam			\$	Swab Cups # @ \$	\$
	Power Swivel x			\$	Oil Svr. Rbr. # @ \$	\$
	Washington Head			\$	TBG Wiper Rubber # @ \$	\$
2994	Blow-out Preventer x			\$	Rod Wiper Rubber # @ \$	\$
	Flanges x			\$	Sub Pay (#) @ \$	\$
	Tool Pusher			\$	4th Hand	\$
8344	Mud Tank x			\$	5th Hand	\$
	Power Rod Tongs x			\$	Other	\$
	Fuel Gals. @		Per Gal	\$	Other	\$
✓	Pipe Dope @ \$		Per Trip	\$	Other	\$
	Washington/Stripper Rubber # @ \$			\$	Sales Tax x %	
					Total Charges	

CHARGE RECORD

Type Well Head	Mud Anchor	No. & Size Rods
Packer Settings	Size Tubing	No. & Size Subs
Type Packer	Subs	Pump Description (out)
No. Jts. Tubing	Perf. Nppl.	(in)

SIGNATURE - CUSTOMER REPRESENTATIVE

SIGNATURE - SUPERVISOR

	RIG	TRAVEL	TOTAL
OPERATOR Luis Trujillo	11.5	1	12.5
DERRICKMAN Edgar Peña	11.5	1	12.5
FLOOR HAND Joaquin Castiño	11.5	1	12.5
FLOOR HAND Jose Avalos	11.5	1	12.5



Job 686835

Well Services

NO. 67759
67759

40.246707
-104.565578

Date 07-13-21
Customer Noble Energy State CO
Well / Lease LDS D09-31D County weld ✓
Company Rep. Tyson Hamacher Time 1:00PM To 5:00PM Area PNA Rig No. 725
START FINISH

DESCRIPTION

(1:30) Location set up, spott Base Beam + Rig, Rig up Rig, (2:00) ~~wait~~ wait on All The equip. spott All equip. (3:00) Rig up Hard line + Pump + Tanks, check well Psi, Tubing 1340Psi, csg 1340Psi, surface 10 Psi, (4:00) secure well + Rig + Tanks, clean location (4:30) Rig crew drove back to yard.

TOOL BOX SAFETY MEETING

ATTENDEES OTHER THAN LISTED BELOW

TOPIC

CHARGE RECORD

<u>725</u>	Rig Time _____ Hrs. @ _____ Per Hr. \$ _____	Fishing Tools x _____ \$ _____
<u>5062</u>	Crew Travel x _____ \$ _____	Light Plant x _____ \$ _____
<u>8311</u>	Mud Pump x Tank _____ \$ _____	Swab Cups # @ \$ _____ \$ _____
<u>40-6-6</u>	Base Beam _____ \$ _____	Swab Cups # @ \$ _____ \$ _____
	Power Swivel x _____ \$ _____	Oil Svr. Rbr. # @ \$ _____ \$ _____
	Washington Head _____ \$ _____	TBG Wiper Rubber # @ \$ _____ \$ _____
<u>2994</u>	Blow-out Preventer x _____ \$ _____	Rod Wiper Rubber # @ \$ _____ \$ _____
	Flanges x _____ \$ _____	Sub Pay (# _____) @ \$ _____ \$ _____
	Tool Pusher _____ \$ _____	4th Hand _____ \$ _____
<u>8344</u>	Mud Tank x _____ \$ _____	5th Hand _____ \$ _____
	Power Rod Tongs x _____ \$ _____	Other _____ \$ _____
	Fuel _____ Gals. @ _____ Per Gal _____ \$ _____	Other _____ \$ _____
✓	Pipe Dope @ \$ _____ Per Trip _____ \$ _____	Other _____ \$ _____
	Washington/Stripper Rubber # @ \$ _____ \$ _____	Sales Tax x _____ % _____ \$ _____

Total Charges _____

CHARGE RECORD

Type Well Head _____	Mud Anchor _____	No. & Size Rods _____
Packer Settings _____	Size Tubing _____	No. & Size Subs _____
Type Packer _____	Subs _____	Pump Description (out) _____
No. Jts. Tubing _____	Perf. Nppl. _____	(in) _____

SIGNATURE - CUSTOMER REPRESENTATIVE

SIGNATURE - SUPERVISOR

	RIG	TRAVEL	TOTAL
OPERATOR <u>Luis Trujillo</u>	3.5	.05	4
DERRICKMAN <u>Edgar Peña</u>	3.5	.5	4
FLOOR HAND <u>Joaquin castillo</u>	3.5	.5	4
FLOOR HAND <u>Jose Avalos</u>	3.5	.5	4

Field Ticket



Well Services

F - LINE

**P.O. BOX 201934
DALLAS, TX. 75320-1934
24 Hour Phone (432) 561-8200**

N96-62973

Date
July 14, 2021

Company Name	Noble Energy
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Address
2115 117th Ave

Greeley Co 80631

County/Parish

Weld	Wattenberg
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Well Name and Number
LDS D09-31D

Web API®

05-123-27118

Latitude:

40.246620

Longitude

-104.566099

Test

Greeley Co 0928-120

Wireline Unit Number	
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WL 7770

Rig Name & Number or Crane Unit Number (725)

Field Ticket Number
7770-1666

Engineer
Cody Jensen

Cody Jensen	Supervisor/Engineer
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Equipment Operator
Kerry Fletcher

Equipment Operator

Cody Jensen

1015-20210713-JTP0101835

R U N	RUN DATA				N S S I S O T L I				UNITS	CODE	DATE	DEPTHS AND DESCRIPTION	
	Job Time:	15:00	Shop Time:	7:00					1.0	1000-100		Service Charge Cased Hole Unit	
	Leave Shop:	14:15	Arrive Location:	14:40					1.0	1120-010		Packoff Operation Charge08-10009	
	Begin Rig Up:	14:45	Finish Rig Up:	15:00									
1	Time In	15:10	Time Out	15:45					6,000.0	1230-001		Bridge Plug Depth Charge	
	From	SURFACE	To	6790'					1.0	1240-001		Bridge Plug Operation Charge	
	Service in	CIBP			2				1.0	1230-023		Standard Set Power Charge	
2	Time In	16:00	Time Out	16:30					1.0	1250-005		Cast Iron Bridge Plug for 4 1/2" Pipe	
	From	SURFACE	To	6790'									
	Service	DUMP BAILER			1				6,000.0	1230-007		Dump Bailer Depth Charge	
3	Time In		Time Out						1.0	1240-007		Dump Bailer Operation Charge	
	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												
	Begin Rig Down:	16:35	Finish Rig Down:	16:45									
	Leave Location:	16:50	Arrive Shop:	17:20									
	Operating Hrs:	1:30	Standby Hours:	0:00	3	0							
	Total Field Hrs:	2:25	Travel Time Hrs:	0:55									
	Total Trip Miles:	30	Lost Time Hrs:	0:00									
	Line Size:		Line Length:										
	Wellhead Valve:	0	Rig Valve:	0									
	WELL DATA												
	Casing Size:	4.5" 11.6#	Usher Size:										
	Tubing Size:		Orill pipe Size:										
	Oril Collar Size:		Minimum I.D.:										
	Fluid Level:		Deviation:										
	Max. Temp:		Max. Pressure:										
	Field Printer:		Final Printer:										
	Comments:												

All Invoices Payable in Box 201934 Dallas, Dallas CO., TX 75320-1934.
TERMS: NET 30 DAYS.

2:15 - 5:15 pm

Concerning Irretrievable loss of sealed sources, both SPN Well Services E-Line and customer agree to abide by 25 TAC § 289.253 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.superiorenergy.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

JOB DATA SHEET

Company	Noble Energy	Well Name and No.	LDS D09-31D	Engineer	Cody Jensen
County	Weld	Date	7/14/2021	Ticket No.	7770-1666
District	Greeley Co 0928-120	Line Size	0	Line Length	0
Job Time:	3:00 PM	Shop Time:	7:00 AM	Leave Shop:	2:15 PM
Field Hrs.	1:30:00	Standby Hours:	0:00:00	Total Hours	2:25:00
Trip Miles	30	Leave Location:	4:50 PM	Arrive Shop:	5:20 PM
				Arrive Location:	2:40 PM
				Travel Time Hrs.	0:55:00

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" 11.8#	Liner Size		Tubing Size		Drill Pipe Size	
Drill Collar		Minimum I.D.		Fluid Level		0	Deviation
Max. Temp.		Max. Pressure					

Run Data

RUN INFORMATION

REMARKS SECTION DESCRIBE RUN DETAILS IN FULL

1 Time in 3:10 PM Out 3:45 PM
From SURFACE To 6790'
Service CIBP

RIH WITH CIBP
SET @ 6790'
POOH

2 Time in 4:00 PM Out 4:30 PM
From SURFACE To 6790'
Service DUMP BAILER

RIH WITH DUMP BAILER
DUMP @ 6790'
POOH

3 Time in Out
From 0 To 0
Service 0

4 Time in Out
From 0 To 0
Service 0

5 Time in Out
From 0 To 0
Service 0

6 Time in Out
From 0 To 0
Service 0

7 Time in Out
From 0 To 0
Service 0

8 Time in Out
From To
Service

J00687151



Well Services

E-LINE

Field Ticket

P.O. BOX 201934
DALLAS, TX. 75320-1934
24 Hour Phone (432) 661-8200

Date
July 15, 2021

Company Name
Noble Energy

Well Name and Number
LDS D09-31D

Field Ticket Number
7770-1667

Address
2115 117th Ave

Well API #

District

Engineer

City/State/Zip Code
Grealey Co 80631

Latitude

Well Unit Number

Supervisor/Engineer

County/Parish

Field

Longitude

Rig Name & Number or Crane Unit Number

Equipment Operator

Well

Wattenberg

-104.566099

(725)

Equipment Operator

Field Engineer / Supervisor Signature

Equipment Operator

Cody Jensen

N96-63332

RUN DATA				UNITS				CODE				DATE				DEPTHS AND DESCRIPTION			
Job Time:	7:00	Shop Time:	6:00	1.0	1000-100														
Leave Shop:	8:20	Arrive Location:	8:40	1.0	1120-010														
Begin Rig Up:	8:45	Finish Rig Up:	7:00																
1 Time in:	7:30	Time Out:	8:00	8,000.0	1230-001														
From:	SURFACE	To:	4106'	1.0	1240-001														
Service in:	CIBP			1.0	1230-023														
2 Time in:	8:05AM	Time Out:	8:30	8,000.0	1230-007														
From:	SURFACE	To:	4106'	1.0	1240-007														
Service:	DUMP BAILER			1.0	1250-005														
3 Time in:	8:35	Time Out:	9:00	8,000.0	1230-001														
From:	SURFACE	To:	2000'	1.0	1240-007														
Service:	CIBP			1.0	1230-023														
4 Time in:	9:05	Time Out:	9:25	8,000.0	1230-001														
From:	SURFACE	To:	2000'	1.0	1240-001														
Service:	DUMP BAILER			1.0	1230-023														
5 Time in:	9:30	Time Out:	9:50	8,000.0	1230-007														
From:	SURFACE	To:	778'	1.0	1240-007														
Service:	JET CUT			8,000.0	1050-001														
6 Time in:		Time Out:		1.0	1050-004														
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:																			
Begin Rig Down:	10:00	Finish Rig Down:	10:15																
Leave Location:	10:20	Arrive Shop:	10:45																
Operating Hrs:	10:35	Standby Hours:	0:00																
Total Field Hrs:	11:20	Travel Time Hrs:	0:45																
Total Trip Miles:	30	Lost Time Hrs:	0:00																
Line Size:		Line Length:																	
Wellhead Valve:	0	Rig Valve:	0																
WELL DATA				UNITS				CODE				DATE				NON DISCOUNTED ITEMS			
Casing Size:	4.5" 11.6"	Uner Size:																	
Tubing Size:		Drill pipe Size:																	
Drill Collar Size:		Minimum I.D.:																	
Field Level:		Deviation:																	
Max. Temp:		Max. Pressure:																	
Field Print:		Field Print:																	
Comments:																			

All Invoices Payable in Box 201934 Dallas, Dallas CO., TX 75320-1934.

TERMS: NET 30 DAYS.

Concerning irrefutable loss of sealed sources, both SPN Well Services E-Line and customer agree to abide by 25 TAC § 289.263 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 which are expressly incorporated herein by reference. The Terms are available upon request and at Superior's website (<http://www.superiorenergy.com>). Acceptance 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

1015-20210714-J00687151



Well Services

E-LINE

JOB DATA SHEET

Company	Noble Energy	Well Name and No.	LDS D09-31D	Engineer	Cody Jensen
County	Weld	Date	7/15/2021	Ticket No.	7770-1687
District	Greeley Co 0928-120	Line Size	0	Line Length	0
Job Time:	7:00 AM	Shop Time:	6:00 AM	Leave Shop:	6:20 AM
Field Hrs.	10:35:00	Standby Hours:	0:00:00	Total Hours	11:20:00
Trip Miles	30	Leave Location:	10:20 AM	Arrive Shop:	10:45 AM
				Arrive Location:	6:40 AM
				Travel Time Hrs.	0:45:00

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" 11.6#	Liner Size		Tubing Size		Drill Pipe Size	
Drill Collar		Minimum I.D.		Fluid Level		0	Deviation
Max. Temp.		Max. Pressure					

Run Data

RUN INFORMATION

REMARKS SECTION DESCRIBE RUN DETAILS IN FULL

1 Time in	7:30 AM	Out	8:00 AM	RIH WITH CIBP
From	SURFACE	To	4106'	SET @ 4106'
Service	CIBP			POOH
2 Time in	8:05 AM	Out	8:30 AM	RIH WITH DUMP BAILER
From	SURFACE	To	4106'	DUMP @ 4106'
Service	DUMP BAILER			POOH
3 Time in	8:35 AM	Out	9:00 AM	RIH WITH CIBP
From	SURFACE	To	2000'	SET @ 2000'
Service	CIBP			POOH
4 Time in	9:05 AM	Out	9:25 AM	RIH WITH DUMP BAILER
From	SURFACE	To	2000'	DUMP @ 2000'
Service	DUMP BAILER			POOH
5 Time in	9:30 AM	Out	9:50 AM	RIH WITH JET CUTTER
From	SURFACE	To	778'	CUT @ 778'
Service	JET CUT			POOH
6 Time in		Out		
From	0	To	0	
Service	0			
7 Time in		Out		
From	0	To	0	
Service	0			
8 Time in		Out		
From		To		
Service				