

Well Name: LOGAN B 35 N FEDERAL	Well Location: T17S / R27E / SEC 35 / SESW /	County or Parish/State: EDDY / NM
Well Number: 18	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC028755A	Unit or CA Name:	Unit or CA Number:
US Well Number: 300154080700S1	Well Status: Producing Oil Well	Operator: REDWOOD OPERATING LLC

Notice of Intent

Sundry ID: 2727629

Type of Submission: Notice of Intent

Date Sundry Submitted: 04/25/2023

Date proposed operation will begin: 05/01/2023

Type of Action: Plug and Abandonment

Time Sundry Submitted: 02:36

Procedure Description: 1. Set 5 1/2 CIBP @ 2982'. Circ hole w/ MLF. Pressure test csg. Spot 25 sx cmt @ 2982-2782'. 2. Spot 25 Sx cmt @ 1690-1490'. (San Andres & Premier) 3. Spot 25 sx cmt @ 965-765'. (Queen) 4. Spot 45 sx cmt @ 400' to surface. 5. Cut off wellhead, verify cmt @ surface, weld on DHM.

Approval Subject to

General Requirements and

Special Stipulations

Attached

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- Logan\_B\_35\_N\_Federal\_18\_\_\_NOI\_20230425143444.pdf
- Logan\_B\_35\_N\_Federal\_18\_\_\_Proposed\_WBD\_20230425143444.pdf
- Logan\_B\_35\_N\_Federal\_18\_\_\_Current\_WBD\_20230425143444.pdf

Received by OCD: 7/5/2023 11:11:32 AM

Page 2 of 8

Well Name: LOGAN B 35 N FEDERAL	Well Location: T17S / R27E / SEC 35 / SESW /	County or Parish/State: EDDY / NM
Well Number: 18	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC028755A	Unit or CA Name:	Unit or CA Number:
US Well Number: 300154080700S1	Well Status: Producing Oil Well	Operator: RILEY PERMIAN OPERATING COMPANY LLC

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: DELILAH FLORES	Signed on: APR 25, 2023 02:33 PM
Name: REDWOOD OPERATING LLC	
Title: Regulatory Technician 1	
Street Address: 11344 LOVINGTON HWY	
City: ARTESIA	State: NM
Phone: (575) 748-1288	
Email address: DELILAH@MEC.COM	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

## Plug Abandonment NOI Proposed

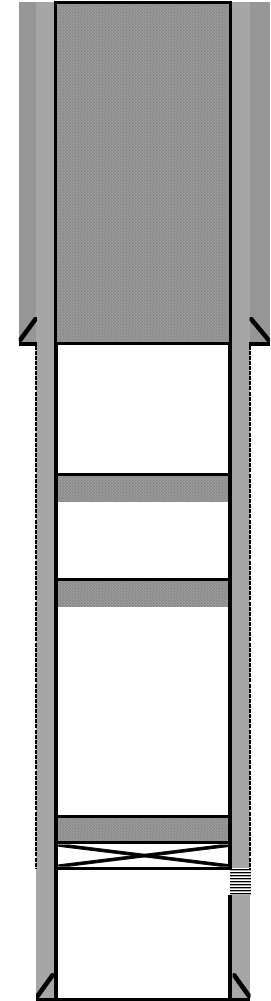
<b>OPERATOR NAME:</b>	Redwood Operating, LLC
<b>LEASE NO.:</b>	NMLC028755A
<b>WELL NAME &amp; NO.:</b>	Logan B 35 N Federal #18
<b>US WELL NUMBER:</b>	30-015-40807
<b>LOCATION:</b>	Sec 35, T17S, R27E
<b>COUNTY:</b>	Eddy County, NM

1. Set 5 1/2 CIBP @ 2982'. Circ hole w/ MLF. Pressure test csg. Spot 25 sx cmt @ 2982-2782'.
2. Spot **50** Sx cmt @ **498' to surface**. (San Andres & Premier)
3. Cut off wellhead, verify cmt @ surface, weld on DHM.

Redwood Operating, LLC		PROPOSED	
Author:	Abby @ BCM	Well No.	#18
Well Name	Logan B 35 N Fed	API #:	30-015-40807
Field/Pool	Red Lak; GL-Yeso	Location:	Sec 35, T17S, R27E
	NE		330 FSL & 2310 FWL
County	EDDY	GL:	3603
State	NM		
Spud Date	1/17/2013		

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	8 5/8	J55	24#	350	12 1/4	335	0
Prod Csg	5 1/2	J55	17#	3,966	7 7/8	800	0

Formation	Top
QN	899
GRBG	1332
SA	1638
GL	3030
YESO	3120



8 5/8 24# CSG @ 350  
Hole Size: 12 1/4

4. Spot 45 sx cmt @ 400' to surface.

3. Spot 25 sx cmt @ 965-765'. (Queen)

2. Spot 25 Sx cmt @ 1690-1490'. (San Andres & Premier)

1. Set 5 1/2 CIBP @ 2982'. Circ hole w/ MLF. Pressure test csg. Spot 25 sx cmt @ 2982-2782'.

Perfs @ 3032-3910

5 1/2 17# CSG @ 3,966  
Hole Size: 7 7/8

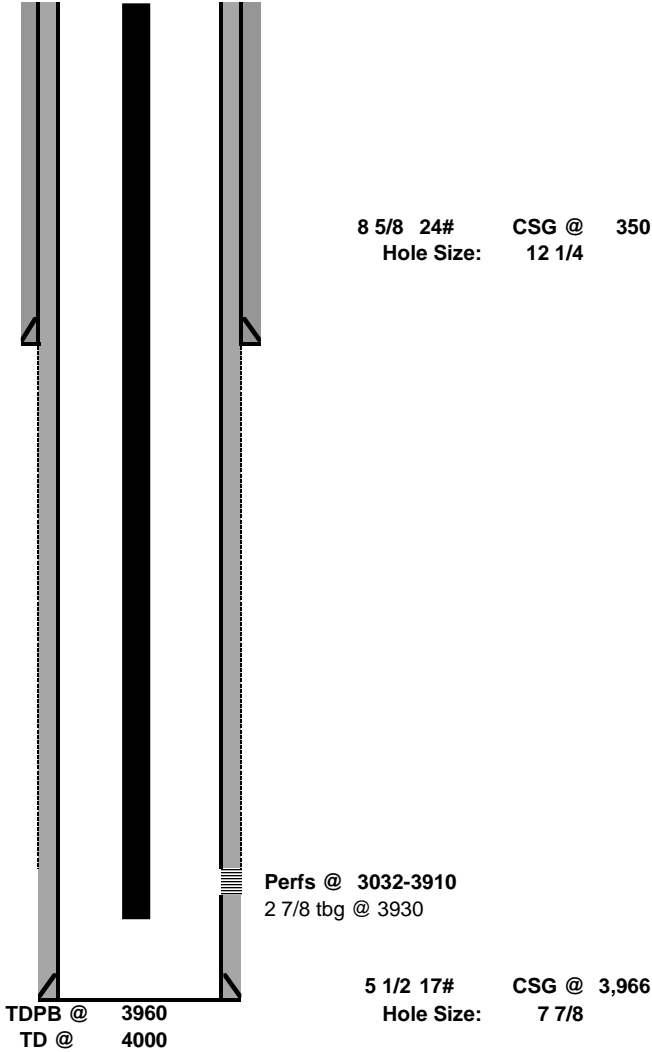
TDPB @ 3960  
TD @ 4000

Approval Subject to  
General Requirements and  
Special Stipulations  
Attached

<b>Redwood Operating, LLC</b>		<b>CURRENT</b>	
Author:	<b>Abby @ BCM</b>		
Well Name	<b>Logan B 35 N Fed</b>	Well No.	<b>#18</b>
Field/Pool	<b>Red Lak; GL-Yeso NE</b>	API #:	<b>30-015-40807</b>
County	<b>EDDY</b>	Location:	<b>Sec 35, T17S, R27E</b>
State	<b>NM</b>		<b>330 FSL &amp; 2310 FWL</b>
Spud Date	<b>1/17/2013</b>	GL:	<b>3603</b>

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	8 5/8		24#	350	12 1/4	335	0
Prod Csg	5 1/2		17#	3,966	7 7/8	800	0

Formation	Top
QN	899
GRBG	1332
SA	1638
GL	3030
YESO	3120



Sundry ID 2727629

Plug Type	Top	Bottom	Length	Tag	Sacks	Cement Class	Notes
Surface Plug	0.00	100.00	100.00	Tag/Verify			
Base of Salt @ 275	222.25	325.00	102.75	Tag/Verify			
Fresh Water @ 350	296.50	400.00	103.50	If solid			
Shoe Plug	296.50	400.00	103.50	Tag/Verify			
				If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforations			
Yates @ 448	393.52	498.00	104.48		50.00	C	Spot cement from 498' to surface. Verify at surface.
				If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforations			
CIBP Plug	2947.00	2982.00	35.00		25.00	C	Set CIBP at 2982 feet. Spot 25 sxs on top. Leak Test CIBP.
Glorieta @ 3030	2949.70	3080.00	130.30	If solid			
Perforations Plug (If No CIBP)	2982.00	3960.00	978.00	Tag/Verify			
Shoe Plug	3876.34	4016.00	139.66	Tag/Verify			

No more than 2000' is to be allowed between plugs in open hole, and no more than 3000' between plugs in cased hole.

Class H >7500'

Class C <7500'

Fluid used to mix the cement in R111P shall be saturated with the salts common to the section penetrated, and in suitable proportions, but not more than 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.

Medium, Secretary: Top of salt to surface If no salt take the deepest fresh water or Karst Depth

High, Critical: Bottom of Karst to surface or Deepest fresh water, whichever is greater

R111P: 50 Feet from Base of Salt to surface.

Class C: 1.32 ft<sup>3</sup>/sx

Class H: 1.06 ft<sup>3</sup>/sx

Onshore Order 2.III.G Drilling Abandonment Requirements: "All formations bearing usable-quality water, oil, gas, or geothermal resources, and/or a prospectively valuable deposit of minerals shall be protected.

Cave Karst/Potash Cement		Bottom of Karst/take deepest fresh water/top of salt whichever is greater to surface	
Shoe @	350.00		
Shoe @	3966.00		
Perforatons Top @	3032.00	Perforations	3910.00
		CIBP @	2982.00

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 235977

CONDITIONS

Operator: Redwood Operating LLC PO Box 1370 Artesia, NM 88210	OGRID: 330211
	Action Number: 235977
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	Accepted for record - NMOCD JRH 7/7/23. BLM approved P&A 7/1/23	7/7/2023