

Well Name: MABLE HALE	Well Location: T19S / R30E / SEC 11 / NWNE /	County or Parish/State: EDDY / NM
Well Number: 3	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0560353	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001525019	Well Status: Producing Oil Well	Operator: GREAT WESTERN DRILLING COMPANY

Accepted for record – NMOCD gc9/27/2022

Notice of Intent

Sundry ID: 2679663

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 06/29/2022	Time Sundry Submitted: 12:46
Date proposed operation will begin: 09/01/2022	

Procedure Description: See attached.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

- Procedure Description
- Mabel_Hale_Federal__3_Existing__P_A_d_Schematic_20220629124511.xlsx
 - MABLE_HALE_FEDERAL_NO._3_P_A_PROCEDURE_20220629124342.docx

Well Name: MABLE HALE	Well Location: T19S / R30E / SEC 11 / NWNE /	County or Parish/State: EDDY / NM
Well Number: 3	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0560353	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001525019	Well Status: Producing Oil Well	Operator: GREAT WESTERN DRILLING COMPANY

Conditions of Approval

Specialist Review

MABEL_HALE_FED_3__2679663__COA_AND_PROCEDURE_20220702112422.pdf

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: GINA KING	Signed on: JUN 29, 2022 12:43 PM
Name: GREAT WESTERN DRILLING COMPANY	
Title: Production Tech	
Street Address: 700 W. LOUISIANA	
City: MIDLAND	State: TX
Phone: (432) 682-5241	
Email address: GKING@GWDC.COM	

Field

Representative Name: RALPH SKINNER JR		
Street Address:		
City:	State:	Zip:
Phone: (575)392-1294		
Email address: rskinner@gwdc.com		

BLM Point of Contact

BLM POC Name: KEITH P IMMATTY	BLM POC Title: ENGINEER
BLM POC Phone: 5759884722	BLM POC Email Address: KIMMATTY@BLM.GOV
Disposition: Approved	Disposition Date: 07/02/2022
Signature: Keith Immatty	

Great Western Drilling Co.

Plug And Abandonment Procedure

Mabel Hale Federal #003

660' FNL & 1980' FEL, Section 11, T19S, R30E

Lea County, NM / API 30-015-25019

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM safety and environmental regulations. Test rig anchors prior to moving in rig if not rigged to base beam.
2. Check casing, tubing, and Bradenhead pressures.
3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well as necessary. Ensure well is dead or on a vacuum.
4. L/D sucker rod string and sucker rod pump.
5. ND wellhead and NU BOP. L/D production tubing string.
6. P/U 4 ½" bit or casing scraper on 2-3/8" work string and round trip as deep as possible above top perforation at 8,184'.
7. P/U 4 ½" CR, TIH and set at +/- 8,134'.
8. RU wireline and run CBL with 500 psi on casing from CR at 8,134' to surface to identify TOC. Adjust plugs as necessary for new TOC. Email log copy to Brandon Powell at Brandon.powell@state.nm.us upon completions of logging operations.
9. Rig up to pump cement down tubing. Pump water to establish rate down tubing.

NOTE: All Plugs Include 100% excess outside casing and 50% Excess inside casing

10. Plug 1 (**1st Bone Spring Perforations and Formation Top, 8,134'-7,772', 25 Sacks Type III Cement**)

Mix 25 sx Type III cement and spot a balanced plug inside casing to cover the 1st Bone Spring perforations and formation top.

11. Plug 2 (**Bone Spring Formation Top, 6,050'-5,688', 25 Sacks Type III Cement**)

Mix 25 sx Type III cement and spot a balanced plug inside casing to cover the Bone Spring formation top.

12. Plug 3 (**San Andres Formation Top, 3,510'-3,148', 25 Sacks Type III Cement**)

Mix 25 sx Type III cement and spot a balanced plug inside casing to cover the San Andres formation top.

13. Plug 4 (**Queen Formation Top, 8-5/8" Intermediate Casing Shoe, 7 Rivers Formation Top, and Yates Formation Top 2,763'-2,190', 38 Sacks Type III Cement**)

Mix 38 sx Type III cement and spot a balanced plug inside casing to cover the Queen formation top, 8-5/8" Intermediate Casing Shoe, 7 Rivers formation top, and Yates formation top.

Great Western Drilling Co.

Plug And Abandonment Procedure

Mabel Hale Federal #003

660' FNL & 1980' FEL, Section 11, T19S, R30E

Lea County, NM / API 30-015-25019

14 Plug 5 (13-3/8" Surface Casing Shoe, 434'-surface, 30 Sacks Type III Cement)

Attempt to pressure test the Bradenhead annulus to 300 psi; note the volume to load. If BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 30 sx cement and spot a balanced plug from 434' to surface, circulate good cement out of casing valve. Shut well in and WOC. If BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 434' and the annulus from the squeeze holes to surface.

15. ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and restore location per NMOCD stipulations.

Existing Wellbore Diagram

Mabel Hale Federal #3

API #: 30-015-25019

Eddy County, New Mexico

Surface Casing

13.375" 48# @ 384 ft

Formation

Queen - 2763 feet

San Andres - 3510 feet

Bone Springs 8134 feet

Intermediate Casing

8.625" 24# @ 2396 ft

Retainer @ 8746 feet

Perforations

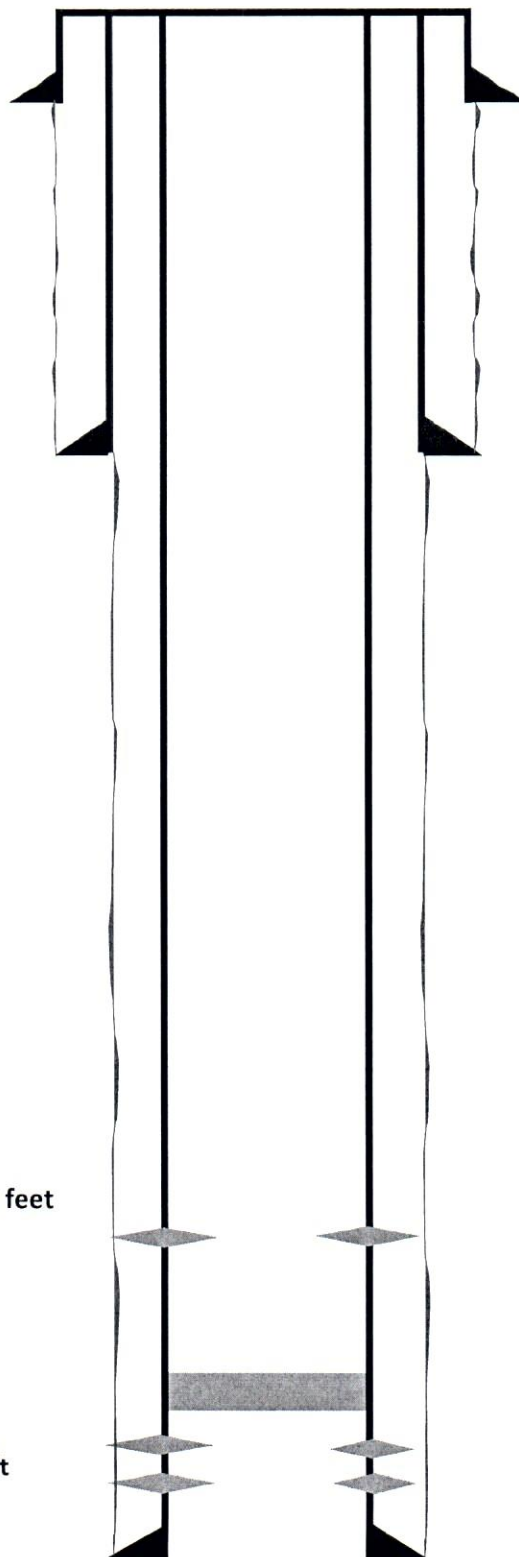
8184 ft - 8270 ft

8396 ft - 8505 ft

8808 ft - 8832 ft

Production Casing

4.5" 10.5# @ 8933 ft



Proposed Wellbore Diagram

Mabel Hale Federal #3
API #: 30-015-25019
Eddy County, New Mexico

Plug 5

434 feet - Surface
434 foot plug
30 sacks of Type III Cement

Plug 4

2763 feet - 2190 feet
573 foot plug
38 sacks of Type III Cement

Plug 3

3510 feet - 3148 feet
362 foot plug
25 sacks of Type III Cement

Plug 2

6050 feet - 5688 feet
362 foot plug
25 sacks of Type III Cement

Plug 1

8134 feet - 7772 feet
362 foot plug
25 sacks of Type III Cement

Perforations

8184 ft - 8270 ft
8396 ft - 8505 ft
8808 ft - 8832 ft

Surface Casing

13.375" 48# @ 384 ft

Formation

Queen - 2763 feet
San Andres - 3510 feet
Bone Springs 8134 feet

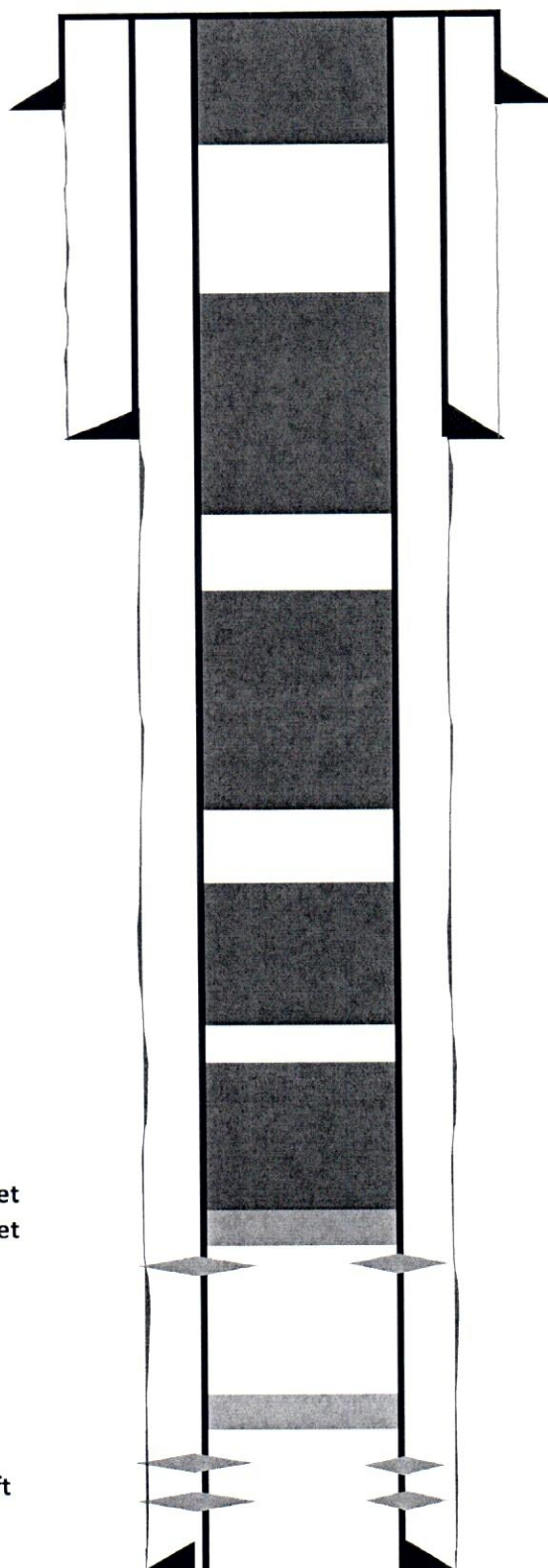
Intermediate Casing

8.625" 24# @ 2396 ft

Retainer @ 8134 feet
Retainer @ 8746 feet

Production Casing

4.5" 10.5# @ 8933 ft



Existing Wellbore Diagram

Mabel Hale Federal #3

API #: 30-015-25019

Eddy County, New Mexico

Surface Casing

13.375" 48# @ 384 ft

Formation

Queen - 2763 feet

San Andres - 3510 feet

Bone Springs 8134 feet

Intermediate Casing

8.625" 24# @ 2396 ft

Retainer @ 8746 feet

Perforations

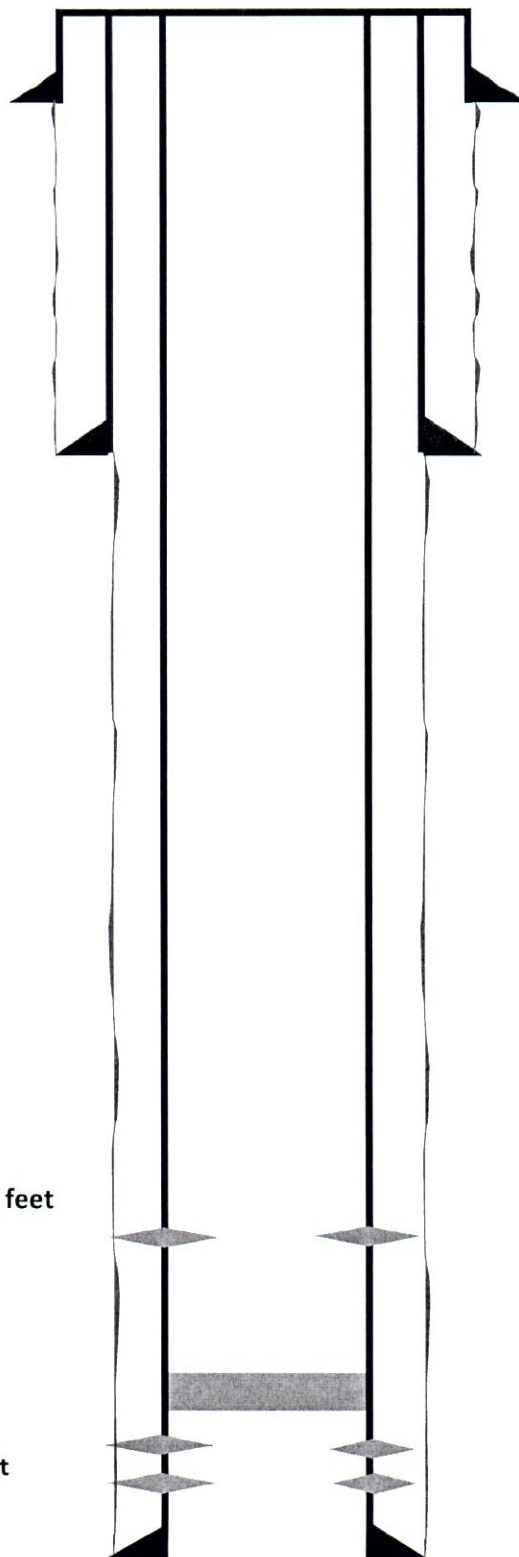
8184 ft - 8270 ft

8396 ft - 8505 ft

8808 ft - 8832 ft

Production Casing

4.5" 10.5# @ 8933 ft



Proposed Wellbore Diagram

Mabel Hale Federal #3
API #: 30-015-25019
Eddy County, New Mexico

Plug 5

434 feet - Surface
434 foot plug
30 sacks of Type III Cement

Plug 4

2763 feet - 2190 feet
573 foot plug
38 sacks of Type III Cement

Plug 3

3510 feet - 3148 feet
362 foot plug
25 sacks of Type III Cement

Plug 2

6050 feet - 5688 feet
362 foot plug
25 sacks of Type III Cement

Plug 1

8134 feet - 7772 feet
362 foot plug
25 sacks of Type III Cement

Perforations

8184 ft - 8270 ft
8396 ft - 8505 ft
8808 ft - 8832 ft

Surface Casing

13.375" 48# @ 384 ft

Formation

Queen - 2763 feet
San Andres - 3510 feet
Bone Springs 8134 feet

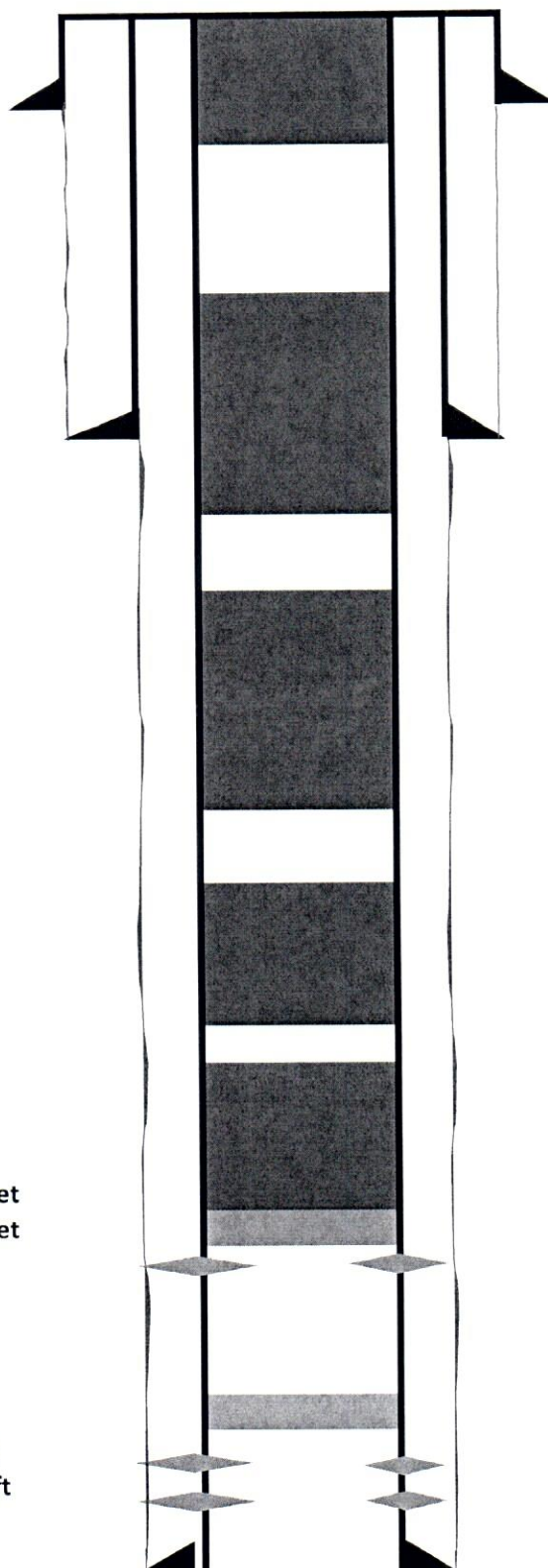
Intermediate Casing

8.625" 24# @ 2396 ft

Retainer @ 8134 feet
Retainer @ 8746 feet

Production Casing

4.5" 10.5# @ 8933 ft



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 145238

CONDITIONS

Operator: GREAT WESTERN DRILLING CO P.O. Box 1659 Midland, TX 79701	OGRID: 9338
	Action Number: 145238
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	9/27/2022