

Well Name: HAYMAKER FED	Well Location: T19S / R31E / SEC 8 / NWNE /	County or Parish/State:
Well Number: 001	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM82902	Unit or CA Name:	Unit or CA Number:
US Well Number:	Well Status: Approved Application for Permit to Drill	Operator: MANZANITA OPERATING LLC

Notice of Intent

Sundry ID: 2778492

Type of Submission: Notice of Intent	Type of Action: Drilling Operations
Date Sundry Submitted: 03/07/2024	Time Sundry Submitted: 02:35
Date proposed operation will begin: 03/14/2024	

Procedure Description: As discussed between Chris Walls (BLM) and Scott Panthaky (Manzanita Operating) on 3/7/24, Manzanita will run two strings of casing if no lost circulation occurs in the top 2200' of hole. If lost circulation occurs in the 11" hole the 8.625" casing will be installed. See attached Drilling Procedure.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Haymaker_001_Drilling_Procedure_Lost_Circulation_20240307143059.pdf

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Conditions of Approval

Specialist Review

Haymaker_Fed_1_COA_20240316135149.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: BRIAN WOOD	Signed on: MAR 07, 2024 02:34 PM
Name: MANZANITA OPERATING LLC	
Title: Permitting Agent	
Street Address: 37 VERANO LOOP	
City: SANTA FE	State: NM
Phone: (505) 466-8120	
Email address: AFMSS@PERMITSWEST.COM	

Field

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

BLM Point of Contact

BLM POC Name: ZOTA M STEVENS	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752345998	BLM POC Email Address: ZSTEVENS@BLM.GOV
Disposition: Approved	Disposition Date: 03/16/2024
Signature: Zota Stevens	

**Drilling Procedure Summary
Manzanita Operating, LLC
Haymaker Fed #1
Eddy County, New Mexico**

ESTIMATED FORMATION TOPS:

<u>TOP</u>	<u>DEPTH</u>
RUSTLER	612'
YATES	2388'
QUEEN	3210'
SAN ANDRES	4045'
DELAWARE SAND	4737'

CASING/HOLE PROGRAM:

<u>Hole Size</u>	<u>Casing</u>	<u>Depth</u>	<u>Cement</u>	<u>TOC</u>
17½"	13 3/8" - 48# -	±600'	±500 sks	Surface
**11"	8 5/8" - 32# -	+2,200	±600 sks	Surface
7 7/8"	5 ½" 15.5#	±5,600'	2 stage	Surface

**AS NEEDED

MUD PROGRAM:

<u>Depth</u>	<u>Mud Type</u>	<u>Weight</u>	<u>Vis</u>	<u>Filtrate</u>
0-500'	Fresh Water/Spud	8.4 - 8.7	32-34	NC
500'-2300'	Brine	10	29	NC
2300'-5500'	Brine	9.2	29	NC
5600'		9.2		<15 @ TD for logs.

Drilling Procedure: Haymaker Fed #1

1. MIRU Drlg. Contractor. **(Notify BLM when spudding)**
2. Spud 17½" hole and drill to ±600' with fresh water. Monitor for lost or partial returns. Circ & Cond hole f/casing. POH. **(Notify BLM to witness cement job)**
3. RU casing crew & BJ Services. Run csg. Run GS, IF, 1 centralizer on each of first 3 joints, then centralizer every 3rd to surface. RD csg crew.
4. Cement as follows: **(Volumes & type may change pending hole conditions)**

Slurry No. 1 Est. - 400 sks "C" + 4% gel + 2% CaCl₂ + .25pps CF + 1 pps Gil.
13.5 ppg @ 1.74 yd.

Slurry No.2 Est. - 100 sks "C", 2% CaCl₂, .25pps CF
14.8 ppg @ **1.34 yield.**

Bump plug & check floats.

5. RD, While WOC 18 hrs, NU wellhead and stack and tst to 500# for 30 min.
6. Drill 11" hole to $\pm 2200'$ w/ 10# brine. **Continue to TD if no lost circulation zones encountered and hole conditions acceptable. IF LCZ encountered:** RU run csg. Run GS, SJ w/ SR& centralizer, FC, & centralizer every 4th collar. (12 centralizers). (BHA-BIT,BHR,TRI,IB,DC,IB,DCs)
7. Cement as follows: (IF LOST CIRC ZONE) Volumes & type may change pending hole conditions. **(Notify BLM to witness cement job)**

Slurry No. 1	Est. - 400 sks "C" Lite (35:65:6)+10.000% Salt+1 pps Gils. (12.8 ppg, @ 1.98 yd.)
Slurry No. 2	Est. - 200 Sks Class C + 1.000% CACL2 + .25 lb/sk Cello Flake (14.8 ppg, @ 1.34 yield)

Bump plug w/500 psi. Check floats.
9. RD While WOC 18/hrs. Set slip, cut csg, NU stack. Tst to 3000#.
10. **@ 2200' if no LC Zones encountered:** TIH with 7 7/8" bit/ BHA. Drill out w/c.brine. (MIRU mudlogger & start taking samples @ 2200'.) Maintain design to TD. Mud up & C&C @ TD for logs. TOH & RUWL and pull E-logs. Evaluate for sidewall cores.
11. RDWL, TIH. C & C hole, minimum of 2 btms. up. TOH & LDDP. RU & run csg. to TD. Run FS, SH. JT., FC, with centralizers every 4th jt. thru pay & as determined otherwise. (DV Tool @ $\pm 3700'$)

Drilling Procedure Continued: Haymaker Fed #1

12. Cement as follows: (Volumes & method based on hole conditions) **(Notify BLM to witness cement job)**

Stage 1: Preflush :	1000 gals. Mudclean.
Slurry No. 1:	276 sacks "C"+1.2 % FL-52+.3% CD-32+.3% SMS Weight 14.1 ppg Yield 1.55 cf/sk
Stage 2 :	(Stage Tool if necessary & $\pm 3700'$)
Preflush :	
Slurry No. 1:	325 sacks (35:65) Poz: Premium Plus C + 6% Bentonite + 5% bwow Sodium Chloride + 3 lbs/sack LCM-1 + 108.7% Fresh Water Weight 12.4 ppg Yield 2.1 cf/sk
Slurry No. 2:	50 sks Premium Plus C + 1% bwoc Calcium Chloride +56.3% Fresh Water Weight 14.8 ppg Yield 1.34 cf/sk
13. Set slips. Cut off set csg. Set wellhead & tst. Release Rig. Evaluate for Completion.

District I
1625 N. French Dr., Hobbs, NM 88240
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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 323884

CONDITIONS

Operator: Manzanita Operating, LLC PO Box 3489 Midland, TX 79705	OGRID: 330289
	Action Number: 323884
	Action Type: [C-103] NOI General Sundry (C-103X)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	All original COA's still apply. Additionally, if cement is not circulated to surface during cementing operations, then a CBL is required.	3/18/2024