

Well Name: RED HILLS WEST 22 W0BO FED COM	Well Location: T26S / R32E / SEC 22 / NENW /	County or Parish/State: /
Well Number: 4H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM0105562	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549214	Well Status: Drilling Well	Operator: MEWBOURNE OIL COMPANY

Notice of Intent

Sundry ID: 2640696

Type of Submission: Notice of Intent	Type of Action: Other
Date Sundry Submitted: 10/19/2021	Time Sundry Submitted: 02:42
Date proposed operation will begin: 10/19/2021	

Procedure Description: Mewbourne Oil Co. request to make the following change(s) to the approved APD: Change 13 3/8's setting depth from 650' to 565'. Cement and csg details are attached. For any questions please contact Mike Loy.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Red_Hills_West_22_W0BO_Fed_Com_4H_Csg_Assumptions_20211019143949.pdf

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Conditions of Approval

Additional Reviews

Red_Hills_West_22_W0BO_Fed_Com_4H_Sundry_2640696_Drilling_COA_OTA_20211122180539.pdf

Operator Certification

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 submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: BRADLEY BISHOP	Signed on: OCT 19, 2021 02:40 PM
Name: MEWBOURNE OIL COMPANY	
Title: Regulatory	
Street Address: PO Box 5270	
City: Hobbs	State: NM
Phone: (575) 393-5905	
Email address: bbishop@mewbourne.com	

Field Representative

Representative Name: Mike Loy		
Street Address:		
City: Hobbs	State: NM	Zip: 88240
Phone: (575)263-4941		
Email address: mloy@mewbourne.com		

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752342234	BLM POC Email Address: cwalls@blm.gov
Disposition: Approved	Disposition Date: 04/08/2022
Signature: Chris Walls	

Mewbourne Oil Company, Red Hills West 22 W0BO Fed Com #4H**Sec 22, T26S, R32E****SHL: 150' FNL & 2210' FWL, Sec 22****BHL: 100' FSL & 2610' FEL, Sec 22****Casing Program**

Hole Size	Casing Interval		Csg. Size	Weight (lbs)	Grade	Conn.	SF Collapse	SF Burst	SF Jt Tension	SF Body Tension
	From	To								
17.5"	0'	565'	13.375"	48	H40	STC	2.98	6.69	11.87	19.95
12.25"	0'	4735'	9.625"	36	J55	LTC	1.36	2.53	4.15	5.23
8.75"	0'	11,900'	7"	26	HCP110	LTC	1.57	1.92	2.31	2.69
6.125"	11,458'	16,975'	4.5"	13.5	P110	LTC	1.32	1.53	4.54	5.67
BLM Minimum Safety Factor							1.125	1	1.6 Dry 1.8 Wet	1.6 Dry 1.8 Wet

All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

Must have table for contingency casing

	Y or N
Is casing new? If used, attach certification as required in Onshore Order #1	Y
Is casing API approved? If no, attach casing specification sheet.	Y
Is premium or uncommon casing planned? If yes attach casing specification sheet.	N
Does the above casing design meet or exceed BLM's minimum standards? If not provide justification (loading assumptions, casing design criteria).	Y
Will the pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?	Y
Is well located within Capitan Reef?	N
If yes, does production casing cement tie back a minimum of 50' above the Reef?	
Is well within the designated 4 string boundary.	
Is well located in SOPA but not in R-111-P?	N
If yes, are the first 2 strings cemented to surface and 3 rd string cement tied back 500' into previous casing?	
Is well located in R-111-P and SOPA?	N
If yes, are the first three strings cemented to surface?	
Is 2 nd string set 100' to 600' below the base of salt?	
Is well located in high Cave/Karst?	Y
If yes, are there two strings cemented to surface?	Y
(For 2 string wells) If yes, is there a contingency casing if lost circulation occurs?	
Is well located in critical Cave/Karst?	N
If yes, are there three strings cemented to surface?	

Cementing Program

Mewbourne Oil Company, Red Hills West 22 W0BO Fed Com #4H**Sec 22, T26S, R32E****SHL: 150' FNL & 2210' FWL, Sec 22****BHL: 100' FSL & 2610' FEL, Sec 22**

Casing	# Sks	Wt. lb/ gal	Yld ft3/ sack	H ₂ O gal/ sk	500# Comp. Strength (hours)	Slurry Description
Surf.	250	12.5	2.12	11	10	Lead: Class C + Salt + Gel + Extender + LCM
	200	14.8	1.34	6.3	8	Tail: Class C + Retarder
Inter	680	12.5	2.12	11	9	Lead: Class C + Salt + Gel + Extender + LCM
	200	14.8	1.34	6.3	8	Tail: Class C + Retarder
Prod.	460	12.5	2.12	11	9	Lead: Class C + Salt + Gel + Extender + LCM
	400	15.6	1.18	5.2	10	Tail: Class H + Retarder + Fluid Loss + Defoamer
Liner	220	11.2	2.97	18	16	Class H + Salt + Gel + Fluid Loss + Retarder + Dispersant + Defoamer + Anti-Settling Agent

A copy of cement test will be available on location at time of cement job providing pump times & compressive strengths.

Casing String	TOC	% Excess
Surface	0'	100%
Intermediate	0'	25%
Production	4175'	25%
Liner	11,458'	25%

Mud Program

MD		Type	Weight (ppg)	Viscosity	Water Loss
From	To				
0'	565'	Spud Mud	8.4-8.8	28-34	N/C
565'	4735'	Brine	10.0	28-34	N/C
4735'	11,900'	WBM	8.6-9.7	28-34	N/C
11,900'	16,975'	OBM	10.0-12.0	30-40	<10cc

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

What will be used to monitor the loss or gain of fluid?	Pason/PVT/Visual Monitoring
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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 100326

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 100326
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	5/20/2022