

Well Name: ZACH 17 W1NC FED	Well Location: T26S / R33E / SEC 17 / SESW / 32.0370137 / -103.5985328	County or Parish/State: LEA / NM
Well Number: 3H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM0160973	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547533	Well Status: Approved Application for Permit to Drill	Operator: MEWBOURNE OIL COMPANY

Notice of Intent**Type of Submission:** Notice of Intent**Type of Action:** Casing**Date Sundry Submitted:** 01/22/2021**Time Sundry Submitted:** 10:42**Date proposed operation will begin:** 01/22/2021

Procedure Description: Mewbourne Oil Company is requesting to run 7 5/8" 39# P110 HDL as the production string in place of 7" 29# HCP110 LTC. See attachment for casing & cement programs.

Surface Disturbance**Is any additional surface disturbance proposed?:** No**NOI Attachments****Procedure Description**

Zach_17_8_W1NC_Fed_Cor_3H_Csg___cmt_programs_20210122104146.doc

Zach_17_8_W1NC_Fed_Cor_3H_Technical_Data_Sheet_VAM_HDL_7.625_x_39_P110_20210122104145.pdf

Conditions of Approval**Specialist Review**

ZACH_17_W1NC_FED_3H_Sundry_Drilling_COA_OTC_20210122170320.pdf

Well Name: ZACH 17 W1NC FED	Well Location: T26S / R33E / SEC 17 / SESW / 32.0370137 / -103.5985328	County or Parish/State: LEA / NM
Well Number: 3H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM0160973	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547533	Well Status: Approved Application for Permit to Drill	Operator: MEWBOURNE OIL COMPANY

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: BISHOP**Signed on:** JAN 22, 2021 10:41 AM**Name:** MEWBOURNE OIL COMPANY**Title:** Regulatory**Street Address:** P O BOX 5270**City:** HOBBS**State:** NM**Phone:** (505) 393-5905**Email address:** NOT ENTERED**Field Representative****Representative Name:****Street Address:****City:****State:****Zip:****Phone:****Email address:****BLM Point of Contact****BLM POC Name:** AJIBOLA OLABODE**BLM POC Title:** Engineer**BLM POC Phone:** 5752342231**BLM POC Email Address:** OAJIBOLAEIT@BLM.GOV**Disposition:** Approved**Disposition Date:** 01/22/2021**Signature:** Olabode Thomas Ajibola

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code 98097		3 Pool Name SANDERS TANK; UPPER WOLFCAMP	
4 Property Code		5 Property Name ZACH 17 W1NC FED			6 Well Number 3H
7 OGRID NO. 14744		8 Operator Name MEWBOURNE OIL COMPANY			9 Elevation 3269'
10 Surface Location					
UL or lot no. N	Section 17	Township 26S	Range 33E	Lot Idn	Feet from the 270
				North/South line SOUTH	Feet from the 1330
				East/West line WEST	County LEA
11 Bottom Hole Location If Different From Surface					
UL or lot no. C	Section 17	Township 26S	Range 33E	Lot Idn	Feet from the 100
				North/South line NORTH	Feet from the 1650
				East/West line WEST	County LEA
12 Dedicated Acres 160	13 Joint or Infill	14 Consolidation Code	15 Order No.		

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

<p>1650'</p> <p>PROJECT AREA</p> <p>100'</p> <p>B.H.</p> <p>1330'</p> <p>S.L.</p> <p>270'</p>		<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <i>Paul Hrebicek</i> Date: 7-29-19</p> <p>Printed Name: PAUL HREBICEK</p> <p>E-mail Address: PHREBICEK@MEWBOURNE.COM</p>
<p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>5-20-19</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>19680</p> <p>Certificate Number</p>		<p>19 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>5-20-19</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>19680</p> <p>Certificate Number</p>

Mewbourne Oil Company, Zach 17/8 W1NC Fed Com #3H
Sec 17, T26S, R33E
SL: 270' FSL & 1330' FWL (Sec 17)
BHL: 100' FNL & 1653' FWL (Sec 8)

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'	1050'	13.375"	48	H40	STC	1.60	3.60	6.39	10.73
12.25"	0'	3452'	9.625"	36	J55	LTC	1.13	1.96	2.57	3.19
12.25"	3452'	4760'	9.625"	40	N80	LTC	1.25	2.32	13.90	17.51
8.75"	0'	11800'	7.625"	39	HCP110	FJ	1.87	2.13	1.66	2.67
6.125"	11600'	22756'	4.5"	13.5	P110	LTC	1.26	1.46	2.24	2.80
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?	N
If yes, are there two strings cemented to surface?	
(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?	

Mewbourne Oil Company, Zach 17/8 W1NC Fed Com #3H
Sec 17, T26S, R33E
SL: 270' FSL & 1330' FWL (Sec 17)
BHL: 100' FNL & 1653' FWL (Sec 8)

Cementing Program

Casing	# Sks	Wt. lb/ gal	Yld ft3/ sack	H ₂ O gal/ sk	500# Comp. Strength (hours)	Slurry Description
Surf.	570	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.	740	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
Prod.	210	12.5	2.12	11	9	Lead: Class C + Gel + Retarder + Defoamer + Extender
	400	15.6	1.18	5.2	10	Tail: Class H + Retarder + Fluid Loss + Defoamer
Liner	450	11.2	2.97	18	16	Class C + 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	4560'	25%
Liner	11600'	25%

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 15568

CONDITIONS OF APPROVAL

Operator:	MEWBOURNE OIL CO	P.O. Box 5270	Hobbs, NM88241	OGRID:	14744	Action Number:	15568	Action Type:	C-103A
OCD Reviewer									Condition
pkautz									None