

Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM
 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-015-49946
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. VA30540001
7. Lease Name or Unit Agreement Name Bonanza 22/15 W2HA State Com
8. Well Number 2H
9. OGRID Number 14744
10. Pool name or Wildcat PURPLE SAGE; WOLFCAMP GAS

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator Mewbourne Oil Company	
3. Address of Operator PO Box 5270 Hobbs, NM 88240	
4. Well Location Unit Letter <u>J</u> : <u>2480</u> feet from the <u>South</u> line and <u>1620</u> feet from the <u>East</u> line Section <u>22</u> Township <u>25S</u> Range <u>28E</u> NMPM County <u>Eddy</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2961' GL	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
OTHER: <input checked="" type="checkbox"/>	OTHER: <input type="checkbox"/>

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Mewbourne Oil Company has an approved APD for the above well. MOC would like to change the 13 3/8" surface csg setting depth to 475'.

Cementing would be as follows: Lead w/190 sx Class C w/yield 2.12 cuft/sk @ 12.5 ppg. Tail w/200 sx Class C w/yield 1.34 cuft/sk @ 14.8 ppg. TOC @ 0' w/25% excess.

Attached are necessary documents for csg and cmt design change for surface portion.

Spud Date:

4/12/2023

Rig Release Date:

5/1/2023

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Josh Wagner TITLE Engineer DATE 1/16/2023

Type or print name Josh Wagner E-mail address: jwagner@mewbourne.com PHONE: 575-964-5162

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Mewbourne Oil Company, Bonanza 22/15 W2HA State Com #2H**Sec 22, T25S, R28E****SHL: 2480' FSL & 1620' FEL, Sec 22****BHL: 330' FNL & 990' FEL, Sec 15****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'	475'	13.375"	48	H40	STC	3.54	7.96	14.12	23.73
12.25"	0'	2440'	9.625"	36	J55	LTC	1.59	2.77	5.16	6.42
8.75"	0'	10650'	7"	26	P110	LTC	1.18	1.89	2.31	3.00
6.125"	10450'	18148'	4.5"	13.5	P110	LTC	1.63	1.90	3.25	4.06
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?	

Bonanza 22/15 W2HA State Com #2H								
SHL: 2480' FSL & 1620' FEL (Sec 22)								
BHL: 330' FNL & 990' FEL (Sec 15)								
Casing Type	Fluid Type	Hole Size	Casing Description	Casing Weight	Top MD	Setting Depth	Sacks Cement	TOL/TOT
Surface	Spud Mud	17.5"	13.375" 48# H40 STC	48.0 lb/ft	0'	475'	390	0'/285'
Intermediate	Brine	12.25"	9.625" 36# 155 LTC	36.0 lb/ft	0'	2440'	530	0'/1764'
Production	Cut-Brine	8.75"	7" 26# P110 LTC	26.0 lb/ft	0'	10650'	930	2200'/8150'
Liner	OBM	6.125"	4.5" 13.5# P110 LTC	13.5 lb/ft	10450'	18148'	490	10450'

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CONDITIONS

Action 176339

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 176339
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Adhere to previous NMOCD Conditions of Approval	1/17/2023