District I 1825 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

Form C-101 August 1, 2011

Permit 185838

APPLICATION FOR PERMIT TO D	RILL, RE-EN IER,	DEEPEN, PLUGBACK	, OR ADD A ZONE

		APPLICA	AHONE	ORPE	RIVITIO	DRILL, RE	:-EN	NIER, DEEPEN	, PLUGBACK,	OR ADD A	ZONE			
Operator Name MEWE	and Address BOURNE OIL CO					8916		X8		2. 0		Number 14744		
	x 5270 s, NM 88241									3. A	API Nur	mber 30-025-41843		
4. Property Code 5. Property Name SALADO DRAW 10 A3DM FEE					6. V	Well No	o. 001H							
						7. Su	rface	e Location	16			38 30 50		
UL - Lot	Section	Township		Range		Lot Idn		Feet From	N/S Line	Feet From		E/W Line	County	
D	10	2	6S		33E	D		300	N	500		W		Lea

				8. Proposed Bot	tom Hole Location				
UL - Lot	Section	Township	Range	Lot Idn		N/S Line	Feet From	E/W Line	County
1.4	40	000	225	1.1	220		E00	107	1.00

9. Pool Information

RED HILLS;UPPER BONE SPRING SHALE	97900

Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lesse Type Private	15. Ground Level Elevation 3330	
16. Multiple N	17. Proposed Depth 14300	18. Formation Bone Spring	19. Contractor	20. Spud Date 5/19/2014	
Depth to Ground water		Distance from nearest fresh water w	ell	Distance to nearest surface water	

☑ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	950	750	0
Int1	12.25	9.625	40	4900	1025	0
Prod	8.75	5.5	17	14300	2000	4700

Casing/Cement Program: Additional Comments

MOC proposed to drill & test the Bone Springs formation. H2S rule 118 does not apply because MOC has researched the area & no high concentrations were found. Will have on location & working all H2S safety equiptment before drilling the surface csg shoe for safety & insurance purposes.

22. Proposed Blowout Prevention Program

Туре	Working Pressure	Test Pressure	Manufacturer				
Annular	2000	1500	Schaffer				
Double Ram	3000	2500	Schaffer				
Annular	3000	1500	Schaffer				

knowledge and b	Signature:			OIL CONSERVATION	ON DIVISION	
Printed Name:	Electronically filed by Monty Whe	etstone	Approved By:	Paul Kautz		
Title:	le: Vice President Operations			Geologist		
Email Address:	mail Address: prodmgr@mewbourne.com			5/12/2014	Expiration Date: 5/12/2016	
Date:	5/9/2014	Phone: 903-561-2900	Conditions of Approval Attached			

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State of New Mexico **Energy, Minerals and Natural Resources** Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Form C-102 August 1, 2011

Permit 185838

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 2. Pool Code 97900		3. Pool Name RED HILLS:UPPER BONE SPRING SHALE						
30-023-41043	37300	RED HIELS, OF FER BOINE STRING SHALE						
4. Property Code	5. Property Name	6. Well No.						
313220	SALADO DRAW 10 A3DM FEE	001H						
7. OGRID No.	8. Operator Name	9. Elevation						
14744	MEWBOURNE OIL CO	3330						

10. Surface Location

				To: ourid	CO LOCULION				
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	10	26S	33E	D	300	N	500	W	Lea

11 Bottom Hole Location If Different From Surface

			111 0000	om more Location	I II Dillorone I Tom e	Juliuoo			
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	10	26S	33E	M	330	S	500	W	Lea
12. Dedicated Acre	P5		13. Joint or Infill		14. Consolidation Cod	de		15. Order No.	
160.00)		1 7 11 11 11 11 11 11						

0	organization either o a right to drill this w	OPERATOR CERTIFICATION he information contained herein is true and complete to the best of my knowledge and belief, and that this owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has ell at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling outsory pooling order heretofore entered by the division.
	E-Signed By:	Monty Whetstone
	Title:	Vice President Operations
	Date:	5/9/2014
		SURVEYOR CERTIFICATION the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision true and correct to the best of my belief.
	Surveyed By: Date of Survey:	James Tompkins 5/1/2014
	Certificate Number:	14729

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State of New Mexico **Energy, Minerals and Natural Resources** Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Permit 185838

Form APD Comments

PERMIT COMMENTS

Operator Name and Address: MEWBOURNE OIL CO [14744]	API Number: 30-025-41843
Po Box 5270	Well:
Hobbs, NM 88241	SALADO DRAW 10 A3DM FEE #001H

Created By	Comment	Comment Date

Form APD Conditions

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-8161 Fax:(575) 393-0720

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State of New Mexico **Energy, Minerals and Natural Resources** Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Permit 185838

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:	API Number:
MEWBOURNE OIL CO [14744]	30-025-41843
Po Box 5270	Well:
Hobbs, NM 88241	SALADO DRAW 10 A3DM FEE #001H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
pkautz	1) SURFACE & INTERNEMIATE CASING - Cement must circulate to surface 2) PRODUCTION CASING - Cement must tie back into intermediate casing
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water