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HOBBS OCD
DEC 17 2018
RECEIVED

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 30-025-433.97		² Pool Code 2209		³ Pool Name Antelope Ridge; Bone Spring West	
⁴ Property Code 321519		⁵ Property Name GAZELLE 22 B3MO FEDERAL COM		⁶ Well Number 1 H	
⁷ GRID NO. 17744		⁸ Operator Name MEWBOURNE OIL COMPANY		⁹ Elevation 3471'	

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
M	22	23S	34E		200	SOUTH	756	WEST	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	22	23S	34E		330-	NORTH	397	WEST	LEA

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

	¹⁶ N 89°33'57" E 2640.65' ¹⁷ N 89°34'18" E 2640.06' GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION N: 467921.7 - E: 810014.8 LAT: 32.2833979° N LONG: 103.4639287° W BOTTOM HOLE N: 472670.7 - E: 809566.5 LAT: 32.2964607° N LONG: 103.4652549° W CORNER DATA NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1918" N: 467715.6 - E: 809230.7 B: FOUND BRASS CAP "1918" N: 470357.7 - E: 809207.0 C: FOUND BRASS CAP "1918" N: 472997.8 - E: 809183.6 D: FOUND BRASS CAP "1918" N: 4730178 - E: 811823.8 E: FOUND BRASS CAP "1918" N: 473037.5 - E: 814463.3 F: FOUND BRASS CAP "1918" N: 470396.6 - E: 814487.5 G: CALCULATED CORNER N: 467756.2 - E: 814507.6 H: FOUND BRASS CAP "1918" N: 467736.6 - E: 811871.1 ¹⁸ S 89°34'21" W 2636.98'	¹⁷ OPERATOR CERTIFICATION 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. Signature: <u>J. Lathan</u> Date: <u>11/21/18</u> Printed Name: <u>Jackie Lathan</u> E-mail Address: _____
	¹⁹ S 00°30'25" E 2640.65' ²⁰ S 00°30'55" W 2642.63' ²¹ N 00°30'41" E 2640.91'	¹⁸ SURVEYOR CERTIFICATION 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. <u>4-2-18</u> Date of Survey Signature and Seal of Professional Surveyor: <u>Robert M. Howett</u> 19680 Certificate Number REV. 5/17/18 RESTAKE
	²² S 00°31'31" E 2641.48' ²³ S 00°26'09" E 2640.86'	19680 Certificate Number
	²⁴ S 89°32'41" E 2640.91'	19680 Certificate Number

RRC-Job No.: LS1804420R



COMPANY: Mewbourne Oil Company
WELL: Gazelle 22 B3MD Fed Com #1H
COUNTY: Lea County N. M. Nad (83)
DATUM: North American Datum 1983
RIG: Patterson 250



OFFICE: 936.582.7296

GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 6.34°

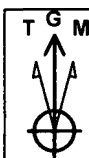
GEODETIC ZONE: New Mexico Eastern Zone
3491 + 27 @ 3518.0usft (Patterson 250)
GROUND ELEVATION: 3491.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	467922.80	809985.30	32° 17' 0.245 N	103° 27' 50.487 W	

PLAN SECTIONS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	5100.0	0.00	0.00	5100.0	0.0	0.0	0.00	0.00	0.0	
3	5391.0	4.37	242.61	5390.7	-5.1	-9.8	1.50	242.61	-4.2	
4	10644.8	4.37	242.61	10629.3	-189.1	-364.9	0.00	0.00	-156.3	
5	10935.8	0.00	0.00	10920.0	-194.2	-374.7	1.50	180.00	-160.5	B.B. Gazelle 22 B3MD Fed Com 1H
6	11041.3	0.00	0.00	11025.5	-194.2	-374.7	0.00	0.00	-160.5	
7	11791.8	90.06	359.49	11503.0	283.8	-379.0	12.00	359.49	316.0	
8	16256.3	90.06	359.49	11498.0	4748.1	-418.8	0.00	0.00	4766.5	PBHL Gazelle 22 B3MD Fed Com #1H

SHL: 200' FSL; 756' FWL
Section 22-23S-34E
PBHL: 330' FNL; 380' FWL
Section 22-23S-34E



Azimuths to Grid North
True North: -0.46°
Magnetic North: 6.34°

Magnetic Field
Strength: 47887.9nT
Dip Angle: 60.12°
Date: 5/25/2018
Model: IGRF2015

