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

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

NOV 06 2018  
DISTRICT II-ARTESIA O.C.D.

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-015-45404</b>		<sup>2</sup> Pool Code <b>49553</b>		<sup>3</sup> Pool Name <b>PALMILLO EAST BONE SPRING</b>	
<sup>4</sup> Property Code <b>322845</b>		<sup>5</sup> Property Name <b>PAVO FRIO 29/28 B2GH FED COM</b>			<sup>6</sup> Well Number <b>1H</b>
<sup>7</sup> GRID NO. <b>14744</b>		<sup>8</sup> Operator Name <b>MEWBOURNE OIL COMPANY</b>			<sup>9</sup> Elevation <b>3481'</b>

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>F</b>	<b>29</b>	<b>18S</b>	<b>29E</b>		<b>2100</b>	<b>NORTH</b>	<b>2500</b>	<b>WEST</b>	<b>EDDY</b>

<sup>11</sup> 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
<b>H</b>	<b>28</b>	<b>18S</b>	<b>29E</b>		<b>2100</b>	<b>NORTH</b>	<b>330</b>	<b>EAST</b>	<b>EDDY</b>

<sup>12</sup> Dedicated Acres <b>240</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.

**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 undivided 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: *Bradley Bishop* Date: 3-22-18  
Printed Name: BRADLEY BISHOP  
E-mail Address: BBISHOP@MEWBOURNE.COM

**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.

Date of Survey: 02-28-2018  
Signature and Seal of Professional Surveyor: *Robert M. Howett*  
Certificate Number: 19680

**CORNER DATA**  
NAD 83 GRID - NM EAST  
A: FOUND BRASS CAP "1916"  
N 622529.0 - E 611414.5  
B: FOUND BRASS CAP "1916"  
N 625169.6 - E 611406.3  
C: FOUND BRASS CAP "1916"  
N 627808.7 - E 611399.3  
D: FOUND BRASS CAP "1916"  
N 627820.2 - E 614038.0  
E: FOUND BRASS CAP "1916"  
N 627830.9 - E 616680.7  
F: FOUND BRASS CAP "1916"  
N 627839.5 - E 619314.5  
G: FOUND BRASS CAP "1916"  
N 627842.7 - E 621952.4  
H: FOUND 1" BAR  
N 625208.0 - E 621963.5  
I: FOUND BRASS CAP "1916"  
N 622558.7 - E 621969.3  
J: FOUND BRASS CAP "1916"  
N 622549.6 - E 616690.4  
K: FOUND BRASS CAP "1916"  
N 622539.0 - E 614052.2  
L: FOUND BRASS CAP "1916"  
N 625190.5 - E 616682.8

Job No.: LS1802233

RP 11-7-18

APD ID: 10400028766

Submission Date: 04/13/2018

Highlighted data reflects the most recent changes

Operator Name: MEWBOURNE OIL COMPANY

Well Name: PAVO FRIO 29/28 B2GH FED COM

Well Number: 1H

[Show Final Text](#)

Well Type: OIL WELL

Well Work Type: Drill

## Section 1 - Geologic Formations

Formation ID	Formation Name	Elevation	True Vertical Depth	Measured Depth	Lithologies	Mineral Resources	Producing Formation
1	UNKNOWN	3481	27	27		NONE	No
2	TOP SALT	3011	470	470	SALT	NONE	No
3	BOTTOM SALT	2661	820	820	SALT	NONE	No
4	YATES	2491	990	990	SANDSTONE	NATURAL GAS,OIL	No
5	SEVEN RIVERS	2151	1330	1330	DOLOMITE	NATURAL GAS,OIL	No
6	QUEEN	1541	1940	1940	SANDSTONE,DOLOMITE	NATURAL GAS,OIL	No
7	GRAYBURG	1161	2320	2320		NONE	No
8	SAN ANDRES	661	2820	2820	DOLOMITE	NATURAL GAS,OIL	No
9	BONE SPRING LIME	-229	3710	3710	LIMESTONE,SHALE	NATURAL GAS,OIL	No
10	BONE SPRING 1ST	-3129	6610	6610	SANDSTONE	NATURAL GAS,OIL	No
11	BONE SPRING 2ND	-3979	7460	7460	SANDSTONE	NATURAL GAS,OIL	Yes

## Section 2 - Blowout Prevention

Pressure Rating (PSI): 3M

Rating Depth: 7858

Equipment: Annular, pipe ram, blind ram

Requesting Variance? YES

**Variance request:** A variance is requested for the use of a flexible choke line from the BOP to choke manifold. Anchors are not required by the manufacturer. A variance is also requested for the use of a multibowl wellhead. See attached schematics.

**Testing Procedure:** BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per Onshore Order 2 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested. Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. Other accessories to the BOP equipment will include a Kelly