NM OIL CONSERVATION

ARTESIA DISTRICT

SEP 3 0 2019

<u>District 1</u> 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

Form C-102

Energy, Minerals & Natural Resources Department CEIVED Revised August 1, 2011

District Office ·

1220 South St. Francis Dr. Santa Fe, NM 87505

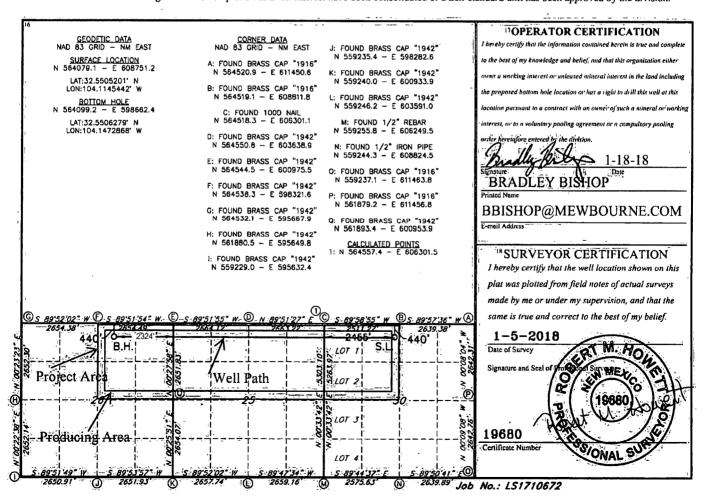
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

30-015-46314		² Pool Code 73 480 7.3520	Burton Flat Bast Wolfcamp Gas		
3 26145		PATRIOT 30/26 WOC	B FEDERAL COM	6 Well Number	
70GRID NO. 14744		*Operator N MEWBOURNE OI	lame	9 Elevation 3241'	

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 C 30 **20S** 29E 440 NORTH 2455 WEST **EDDY** " Bottom Hole Location If Different From Surface UL or lot no. Section Lot Idn Feet from the Township Range North/South line Feet from the East/West line County 2324 R 26 **20S** 28E 440 NORTH **EAST EDDY** 12 Dedicated Acres 13 Joint or Infill 14 Consolidation Code 15 Order No. 640

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.



Rup 10-1-19



APD ID: 10400025665

U.S. Department of the Interior BUREAU OF LAND MANAGEMENT Drilling Plan Data Report 09/26/2019

Submission Date: 01/25/2018

Highlighted data reflects the most

recent changes

Well Number: 1H

Well Name: PATRIOT 30/26 WOCB FED COM Well Type: CONVENTIONAL GAS WELL

Operator Name: MEWBOURNE OIL COMPANY

Well Work Type: Drill

Show Final Text

Section 1 - Geologic Formations

Formation			True Vertical	Measured	e jegarenski		Producing
ID	Formation Name	Elevation	Depth	Depth	Lithologies	Mineral Resources	Formation
1	UNKNOWN	3241	27	27	1 12 X	NONE	N
2	TOP SALT	2711	530	530	SALT	NONE	N
3	BOTTOM SALT	2483	758	758	SALT	NONE	N
4	YATES	2353	888	888	SANDSTONE	NATURAL GAS,OIL	N
5	CAPITAN REEF	2173	1068	1068	LIMESTONE, DOLOMIT E	USEABLE WATER	N
6	LAMAR	123	3118	3118	LIMESTONE	NATURAL GAS,OIL	N
7	BONE SPRING LIME	-2452	5693	5693	LIMESTONE,SHALE	NATURAL GAS,OIL	N
8	BONE SPRING 1ST	-3587	6828	6828	SANDSTONE	NATURAL GAS,OIL	N
9	BONE SPRING 2ND	-4277	7518	7518	SANDSTONE	NATURAL GAS,OIL	N
10	BONE'SPRING 3RD	-5474	8715	8715		NATURAL GAS,OIL	N
11	WOLFCAMP	-5959	9200	9200	LIMESTONE,SHALE,SA NDSTONE	NATURAL GAS,OIL	Y

Section 2 - Blowout Prevention

Pressure Rating (PSI): 5M

Rating Depth: 19190

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 manufacturer. A multi-bowl wellhead is being used. See attached schematic.

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