District I

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

1220 S. St. Francis Dr. Santa Fe. NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

Labras I

· State of New Mexico

RECEIVED

Form C-102 Revised August 1, 2011

Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION JUN 2 7 2019 Submit one copy to appropriate

District Office

1220 South St. Francis Dr.

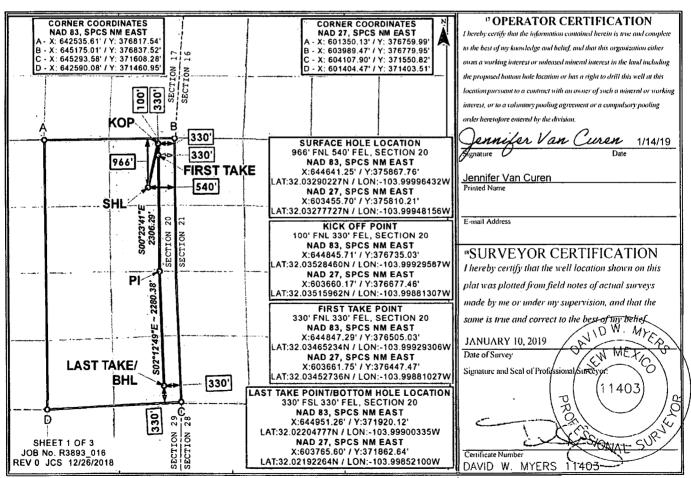
DISTRICT II-ARTESIAO.QD-AMENDED REPORT Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number				Pool Code Pool Name				ne		
30-015-46146				98220		PURPLE	LFCAMP (C	MP (GAS)		
Property Code				_	,	⁶ Well Number				
325772			MAZER RACKHAM 20 WA FED COM						lH l	
OGRID No.						⁹ Elevation				
372098			MARATHON OIL PERMIAN LLC						2872'	
□ Surface Location										
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West lin	e County	
A	20	26S	29E		966	NORTH	540	EAST	EDDY	

11 Bottom Hole Location If Different From Surface										
UL or lot no.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County	
P	20	26S	26S 29E		330	SOUTH	330	EAST	EDDY	
12 Dedicated Acres	12 Dedicated Acres 13 Joint or Infill 14 Consolidation Code 15 Order No.									
320.0										

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



Rul 6-28-19



U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

Drilling Plan Data Report

APD ID: 10400038177
Property of the pr

Operator Name: MARATHON OIL PERMIAN LLC

reflects the most recent changes

Well Name: MAZER RACKHAM 20 WA FED COM Well Number: 1H Show Final Text

Well Type: CONVENTIONAL GAS WELL Well Work Type: Drill

Section 1 - Geologic Formations

				I			
Formation			True Vertical	Measured			Producing
l ID	Formation Name	Elevation	Depth	Depth	Lithologies	Mineral Resources	Formation
1	RUSTLER	2872	358	358	DOLOMITE,SALT,ANHY DRITE	OTHER : Brine	No
2	CASTILE	2038	954	954	SALT	OTHER : Brine	No
3	BASE OF SALT	316	2556	2567	LIMESTONE,SANDSTO NE,SALT	OTHER : Brine	No
4	LAMAR	214	2658	2670	SHALE, SANDSTONE	OIL	No
5	BELL CANYON	185	2687	2700	SHALE, SANDSTONE	OIL	No
6	CHERRY CANYON	-905	3777	3807	LIMESTONE,SANDSTO NE	NATURAL GAS,OIL	No
7	BRUSHY CANYON	-1974	4846	4892	OTHER : Sands/Carbonate	OIL	No
8	BONE SPRING	-3618	6490	6561	OTHER : Sands/Carbonate	OIL	No
9	WOLFCAMP	-6783	9655	9758	SHALE,SANDSTONE,O THER : Carbonates	OIL	Yes

Section 2 - Blowout Prevention

Pressure Rating (PSI): 5M Rating Depth: 15152

Equipment: 13 5/8 5M Annular, pipe ram, and double ram will be installed and tested for each of the 12 ¼, 8 ¾ and 6 1/8 hole sections. Choke manifold outlet destinations include a shaker and panic line. Check and kill valve will meet or exceed minimum BOP requirements.

Requesting Variance? YES

Variance request: A variance is requested for the use of a flexible choke line from the BOP to Choke Manifold. See attached for specs and hydrostatic test chart.

Testing Procedure: -BOP/BOPE will be tested to 50% of the working pressure (5,000) 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 cock, full opening safety valve / inside BOP and choke lines and choke manifold. See attached schematics. - Formation integrity test will be performed per Onshore Order #2. On Exploratory wells or on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.i. - A multibowl wellhead is being used.