

NM OIL CONSERVATION

ARTESIA DISTRICT

OCT 03 2017

Form C-102

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

RECEIVED Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (505) 748-1233 Fax: (505) 748-9720
District III
1000 Rio Bravo Road, Artesia, 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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-44459	Pool Code 13367	Pool Name Cottonwood Bone Spring
Property Code 319619	Property Name PATTON MDP1 "17" FEDERAL	Well Number 1H
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 3529.5'

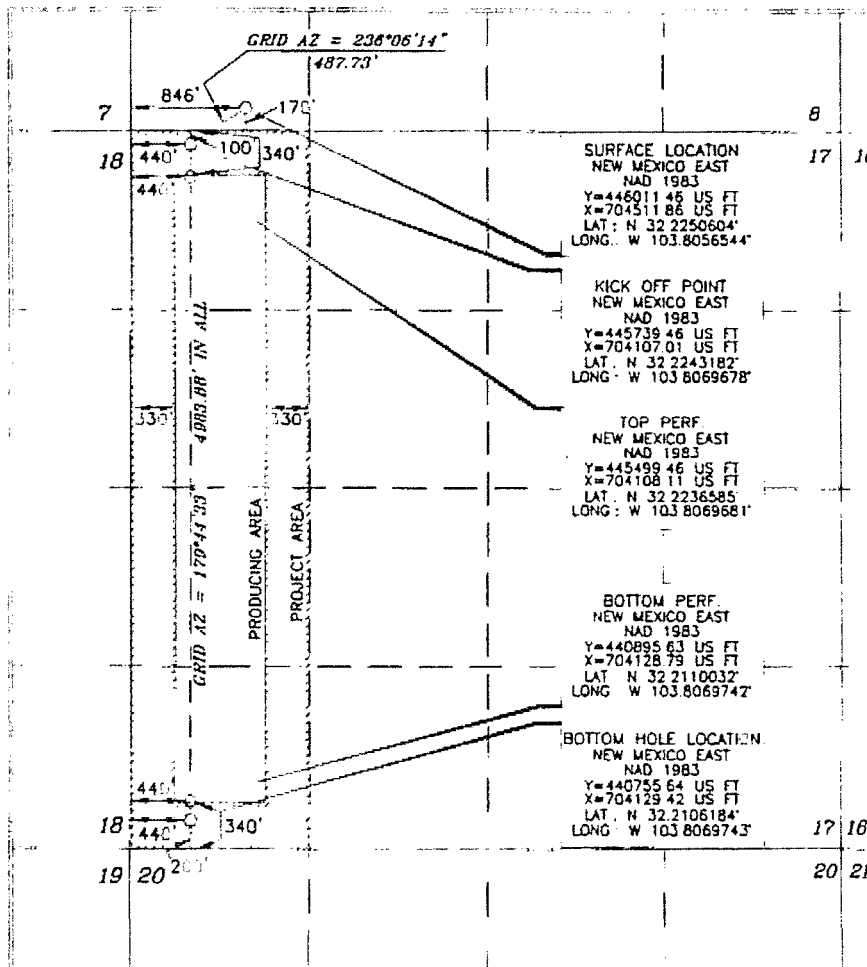
Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	8	24 SOUTH	31 EAST, N.M.P.M.		170'	SOUTH	846'	WEST	EDDY

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
M	17	24 SOUTH	31 EAST, N.M.P.M.		200'	SOUTH	440'	WEST	EDDY
Dedicated Acres 1.60	Joint or Infill Y	Consolidation Code	Order No.						

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.



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 in a customary pooling agreement or a compulsory pooling order hereinafter entered by the division.

Signature: David Stewart Date: 2/23/17
Printed Name: David Stewart Sr. Rep. Adv.
E-mail Address: david_stewart@oxy.com

SURVEYOR 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 in a customary pooling agreement or a compulsory pooling order hereinafter entered by the division.

Signature: Terry Olson Date: 12/2/2016
Printed Name: Terry Olson
E-mail Address: terry_olson@oxy.com

APD ID: 10400011518

Submission Date: 02/23/2017

Highlighted data
reflects the most
recent changes

Operator Name: OXY USA INCORPORATED

Well Name: PATTON MDP1 17 FEDERAL

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
17746	RUSTLER	3530	631	631	SHALE, DOLOMITE, ANHYDRITE	USEABLE WATER	No
18574	SALADO	2524	1006	1006	SHALE, DOLOMITE, HALITE, ANHYDRITE	OTHER : SALT	No
17762	CASTILE	674	2856	2900	ANHYDRITE	OTHER : salt	No
17719	LAMAR	-804	4334	4350	LIMESTONE, SANDSTONE, SILTSTONE	NATURAL GAS, OIL, OTHER : BRINE	No
15332	BELL CANYON	-844	4374	4400	SANDSTONE, SILTSTONE	NATURAL GAS, OIL, OTHER : BRINE	No
15316	CHERRY CANYON	-1611	5141	5150	SANDSTONE, SILTSTONE	NATURAL GAS, OIL, OTHER : BRINE	No
17713	BRUSHY CANYON	-2942	6472	6500	LIMESTONE, SANDSTONE, SILTSTONE	NATURAL GAS, OIL, OTHER : BRINE	No
17688	BONE SPRING	-4618	8148	8200	LIMESTONE, SANDSTONE, SILTSTONE	NATURAL GAS, OIL	Yes
15338	BONE SPRING 1ST	-5648	9178	9200	LIMESTONE, SANDSTONE, SILTSTONE	NATURAL GAS, OIL	Yes
17737	BONE SPRING 2ND	-5932	9462	9500	LIMESTONE, SANDSTONE, SILTSTONE	NATURAL GAS, OIL	Yes

Section 2 - Blowout Prevention

Pressure Rating (PSI): 5M

Rating Depth: 10060

Equipment: 13-5/8" 5M Annular, Blind Ram, Double Ram

Requesting Variance? YES

Variance request: Request for the use of a flexible choke line from the BOP to Choke Manifold.

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 cock and floor safety valve (inside BOP) and choke lines and choke manifold. A multibowl wellhead is being used. The BOP will be tested per Onshore Order #2 after installation on the surface casing which will cover testing requirements for a maximum of 30 days. If any seal subject to test pressure is broken the system will be tested. We will test the flange