

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

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

NM OIL CONSERVATION
DISTRICT OFFICE

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

MAY 16 2016

RECEIVED

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-43241	² Pool Code 39513	³ Pool Name Loco Hills; Bone Spring East
⁴ Property Code 315043	⁵ Property Name LEO 15 B2DP Federal Com	⁶ Well Number 1H
⁷ OGRID No. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY	⁹ Elevation 3519'

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
D	15	18-S	30-E		530	NORTH	370	WEST	EDDY

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
P	15	18S	30E		1215	South	357	East	Eddy

¹² Dedicated Acres 560	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

GEODETIC DATA NAD 27 GRID - NM EAST SURFACE LOCATION N 637889.2 E 612726.0 LAT: 32.75311473° N LONG: 103.9666718° W	CORNER DATA NAD 27 GRID - NM EAST A: FND BRASS CAP 1916 N 633144.3 - E 612370.8 B: FND BRASS CAP 1916 N 635785.7 - E 612362.7 C: FND BRASS CAP 1916 N 638418.2 - E 612354.4 D: FND BRASS CAP 1916 N 638424.1 - E 614993.1 E: FND BRASS CAP 1916 N 638432.7 - E 617633.5 F: FND BRASS CAP 1916 N 635794.4 - E 617641.7 G: FND BRASS CAP 1916 N 633154.4 - E 617650.5	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. Jackie Lathan 1/19/16 Signature Date Jackie Lathan Printed Name _____ E-mail Address
		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. 9/8/13 Date of Survey _____ Signature and Seal of Professional Surveyor 19680 Certificate Number



Newbourne Oil Company
 Project: Eddy County, NM
 Site: Leo 15 Federal COH
 Well: B2DP No. 1H
 Wellbore: Original Hole
 Design: Plan #2
 Lat: 32° 45' 11.212 N
 Long: 103° 58' 0.009 W
 Pad GLL: 3619.00
 KB: Well @ 3644.00usft (Patterson 76)



SECTION DETAILS									
MD	Inc	Azi	TVD	+N-S	+E-W	Diep	TFace	VSeet	
7600.00	0.67	187.38	7598.00	93.83	-38.43	0.00	0.00	47.59	
7798.52	0.67	187.38	7798.50	91.57	-37.92	0.00	0.00	-85.91	
8533.41	88.75	134.33	8259.18	-236.88	294.12	12.00	-33.08	377.54	
12144.05	88.75	134.33	8348.00	-2789.12	2678.50	0.00	0.00	3962.47	
12734.49	88.68	110.70	8381.53	-3074.18	3370.75	4.00	-90.48	4546.28	
14039.43	88.68	110.70	8392.00	-3536.32	4591.10	0.00	0.00	5794.54	

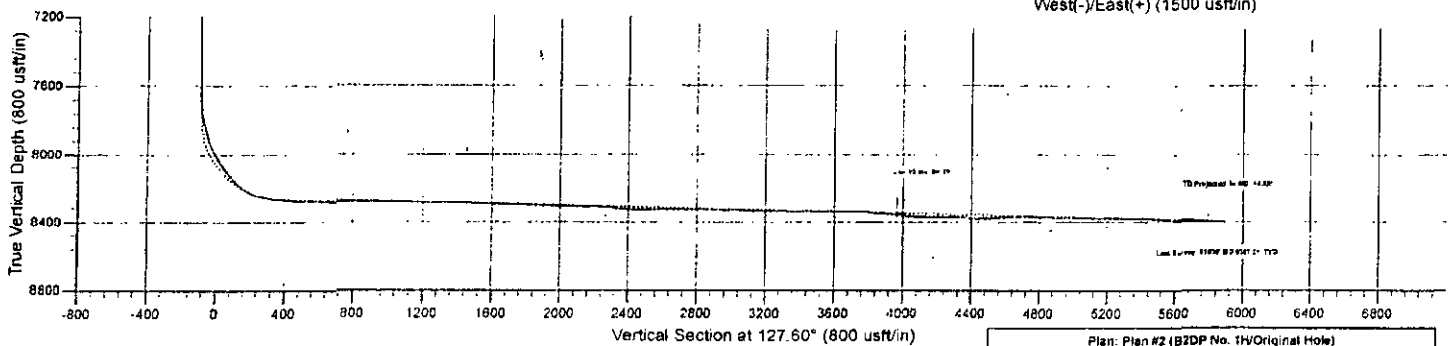
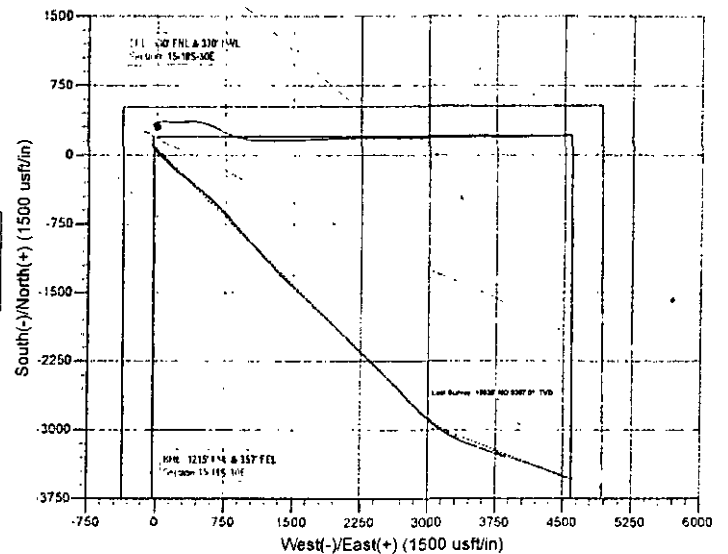
WELL DETAILS: B2DP No. 1H					
+N-S	+E-W	Nothing	Ground Level:	Latitude	Longitude
0.00	0.00	537889.10	812725.40	32° 45' 11.212 N	103° 58' 0.009 W

DESIGN TARGET DETAILS					
Name	TVD	+N-S	+E-W	Nothing	Latitude
Leo 15 No. 6H TP	8348.00	-2769.12	2678.50	812725.40	32° 45' 11.212 N
Leo 15 No. 5H TDPH	8282.00	-3536.32	4591.10	817318.80	32° 44' 38.969 N

PROJECT DETAILS: Eddy County, NM
 Geodetic System: US State Plane 1927 (Exact solution)
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: New Mexico East 3001
 System Datum: Mean Sea Level

Azimuths to Grid North
 True North: -0.20°
 Magnetic North: 7.10°
 Magnetic Field
 Strength: 48473 JanT
 Dip Angle: 60.50°
 Date: 2015/08/10
 Model: IGRF2010

NOTE: All Lease lines and Hard lines are estimates only and are subject to the customers' approval.



Plan: Plan #2 (B2DP No. 1H/Original Hole)
 Created By: Chris LaMaster Date: 9:22, September 11 2015