

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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AUG 11 2010

NMOC D ARTESIA

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 15, 2009

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-38069	Pool Code	Pool Name Undesignated Yeso
Property Code	Property Name WYATT DRAW NORTH "18/19 LD"	Well Number 1H
OGRID No. 14744	Operator Name MEWBOURNE OIL COMPANY	Elevation 3401'

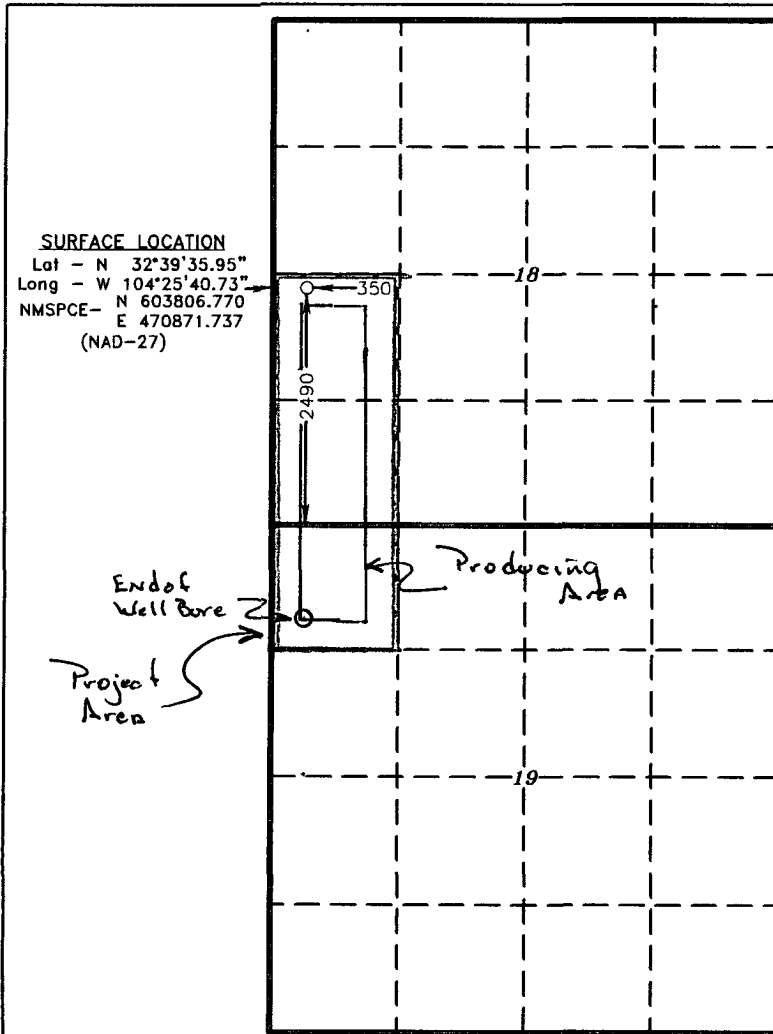
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	18	19 S	26 E		2490	SOUTH	350	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
D	19	19 S	26 E		990	North	350	West	Eddy
Dedicated Acres 120	Joint or Infill	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 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 8/10/10
Signature Date

Jackie Lathan
Printed Name

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 SURVEYED **JULY 21, 2010**
Signature & Seal of Professional Surveyor
7977
Certificate No. **Cary L. Jones** 7977

BASIN SURVEYS

DJ

Mewbourne Oil Company

Location Eddy County, NM
Field (Wyatt) Sec 18, T19S, R26E
Facility Wyatt Draw North 18/19 LD No. 1H

Slot No. 1H SHL
Well No. 1H
Wellbore No. 1H PWB

Well Profile Data

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	0.00	0.000	180.106	0.00	0.00	0.00	0.00	0.00
EST KOP	2289.00	0.000	180.106	2289.00	0.00	0.00	0.00	0.00
END OF CURVE	3182.10	89.310	180.106	2861.92	-566.06	-1.05	10.00	566.06
No. 1H PBHL	6095.95	89.310	180.106	2897.00	-3479.69	-6.44	0.00	3479.70



Mewbourne Oil Company

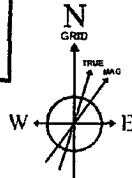
Plot reference wellpath is Profile 2	Grid System: NAD27/TM New Mexico State Planes, Eastern Zone (2011), US feet
True vertical depths are referenced to Rig on No. 1H SHL (KB)	North Reference: Grid north
Measured depths are referenced to Rig on No. 1H SHL (KB)	Scale: True distance
Rig on No. 1H SHL (KB) to Mean Sea Level: 3417 feet	Depth: in feet
Mean Sea Level to Mud line (Facility): Wyatt Draw North 18/19 LD No. 1H: 3421 feet	Created by: Victor Hernandez on 8/6/2010
Coordinates are in feet referenced to Set	



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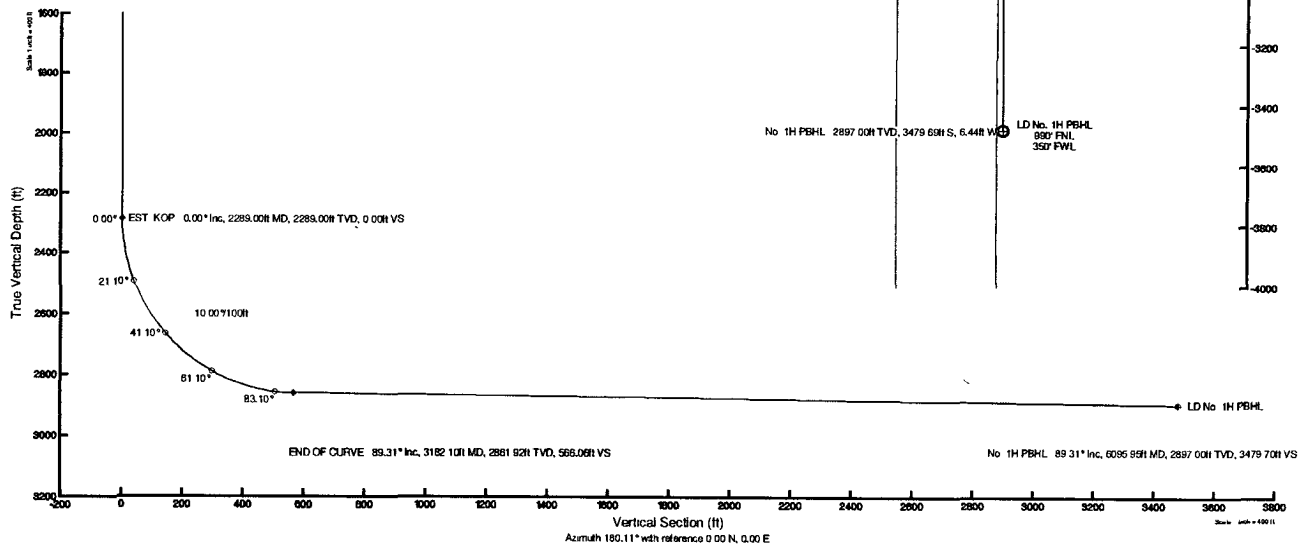
BGGM (1945.0 to 2011.0) Dip: 60.47° Field: 48927.8 nT
Magnetic North is 8.16 degrees East of True North (at 8/6/2010)

Grid North is 0.05 degrees West of True North

To correct azimuth from True to Grid add 0.05 degrees

To correct azimuth from Magnetic to Grid add 8.21 degrees

For example: if the Magnetic North Azimuth = 90 degs, then the Grid North Azimuth = 90 + 8.21 = 98.21



Accepted for record - NMOCD

Planned Wellpath Report

 Mewbourne Oil Company

Prelim_2
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REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Wyatt) Sec 18, T19S, R26E	Wellbore	No. 1H PWB
Facility	Wyatt Draw North 18/19 LD No. 1H		

REPORT SETUP INFORMATION

Projection System	NAD27 / TM New Mexico State Planes, Eastern Zone (3001), US feet	Software System	WellArchitect® 2.0
North Reference	Grid	User	Victor Hernandez
Scale	0.99991	Report Generated	8/9/2010 at 2:54:29 PM
Convergence at slot	0.05° West	Database/Source file	WA_Midland/No. 1H_PWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	0.00	0.00	470871.74	603806.77	32°39'35.749"N	104°25'40.732"W
Facility Reference Pt			470871.74	603806.77	32°39'35.749"N	104°25'40.732"W
Field Reference Pt			470871.74	603806.77	32°39'35.749"N	104°25'40.732"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on No. 1H SHL (KB) to GL	16.00ft
Horizontal Reference Pt	Slot	Rig on No. 1H SHL (KB) to Mean Sea Level	3417.00ft
Vertical Reference Pt	Rig on No. 1H SHL (KB)	GL to Mud Line (Facility)	0.00ft
MD Reference Pt	Rig on No. 1H SHL (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	180.11°

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Planned Wellpath Report

Mewbourne Oil Company

Prelim 2
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REFERENCE WELLPATH IDENTIFICATION			
Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Wyatt) Sec 18, T19S, R26E	Wellbore	No. 1H PWB
Facility	Wyatt Draw North 18/19 LD No. 1H		

WELLPATH DATA (42 stations) † = interpolated/extrapolated station												
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00	0.000	180.106	0.00	0.00	0.00	0.00	470871.74	603806.77	32°39'35.749"N	104°25'40.732"W	0.00	Tie On
2289.00	0.000	180.106	2289.00	0.00	0.00	0.00	470871.74	603806.77	32°39'35.749"N	104°25'40.732"W	0.00	EST. KOP
2389.00†	10.000	180.106	2388.49	8.70	-8.70	-0.02	470871.72	603798.07	32°39'35.663"N	104°25'40.732"W	10.00	
2489.00†	20.000	180.106	2484.96	34.55	-34.55	-0.06	470871.68	603772.22	32°39'35.407"N	104°25'40.733"W	10.00	
2589.00†	30.000	180.106	2575.48	-76.76	-76.76	-0.14	470871.60	603730.02	32°39'34.989"N	104°25'40.733"W	10.00	
2689.00†	40.000	180.106	2657.29	134.05	-134.05	-0.25	470871.49	603672.74	32°39'34.422"N	104°25'40.734"W	10.00	
2789.00†	50.000	180.106	2727.91	204.67	-204.67	-0.38	470871.36	603602.12	32°39'33.724"N	104°25'40.735"W	10.00	
2889.00†	60.000	180.106	2785.20	286.48	-286.48	-0.53	470871.21	603520.32	32°39'32.914"N	104°25'40.736"W	10.00	
2989.00†	70.000	180.106	2827.40	376.99	-376.99	-0.70	470871.04	603429.81	32°39'32.019"N	104°25'40.737"W	10.00	
3089.00†	80.000	180.106	2853.25	473.46	-473.46	-0.88	470870.86	603333.35	32°39'31.064"N	104°25'40.738"W	10.00	
3182.10	89.310	180.106	2861.92	566.06	-566.06	-1.05	470870.69	603240.76	32°39'30.148"N	104°25'40.739"W	10.00	END OF CURVE
3189.00†	89.310	180.106	2862.00	572.96	-572.96	-1.06	470870.68	603233.87	32°39'30.080"N	104°25'40.739"W	0.00	
3289.00†	89.310	180.106	2863.20	672.95	-672.95	-1.25	470870.49	603133.88	32°39'29.090"N	104°25'40.740"W	0.00	
3389.00†	89.310	180.106	2864.41	772.94	-772.94	-1.43	470870.31	603033.90	32°39'28.101"N	104°25'40.741"W	0.00	
3489.00†	89.310	180.106	2865.61	872.94	-872.93	-1.62	470870.12	602933.92	32°39'27.111"N	104°25'40.742"W	0.00	
3589.00†	89.310	180.106	2866.82	972.93	-972.93	-1.80	470869.94	602833.93	32°39'26.122"N	104°25'40.743"W	0.00	
3689.00†	89.310	180.106	2868.02	1072.92	-1072.92	-1.99	470869.75	602733.95	32°39'25.132"N	104°25'40.744"W	0.00	
3789.00†	89.310	180.106	2869.22	1172.91	-1172.91	-2.17	470869.57	602633.97	32°39'24.143"N	104°25'40.746"W	0.00	
3889.00†	89.310	180.106	2870.43	1272.91	-1272.90	-2.36	470869.38	602533.98	32°39'23.154"N	104°25'40.747"W	0.00	
3989.00†	89.310	180.106	2871.63	1372.90	-1372.90	-2.54	470869.20	602434.00	32°39'22.164"N	104°25'40.748"W	0.00	
4089.00†	89.310	180.106	2872.84	1472.89	-1472.89	-2.73	470869.01	602334.02	32°39'21.175"N	104°25'40.749"W	0.00	
4189.00†	89.310	180.106	2874.04	1572.88	-1572.88	-2.91	470868.83	602234.03	32°39'20.185"N	104°25'40.750"W	0.00	
4289.00†	89.310	180.106	2875.24	1672.88	-1672.87	-3.10	470868.64	602134.05	32°39'19.196"N	104°25'40.751"W	0.00	
4389.00†	89.310	180.106	2876.45	1772.87	-1772.87	-3.28	470868.46	602034.07	32°39'18.207"N	104°25'40.752"W	0.00	
4489.00†	89.310	180.106	2877.65	1872.86	-1872.86	-3.47	470868.27	601934.08	32°39'17.217"N	104°25'40.753"W	0.00	
4589.00†	89.310	180.106	2878.86	1972.86	-1972.85	-3.65	470868.09	601834.10	32°39'16.228"N	104°25'40.754"W	0.00	
4689.00†	89.310	180.106	2880.06	2072.85	-2072.85	-3.84	470867.90	601734.12	32°39'15.238"N	104°25'40.756"W	0.00	
4789.00†	89.310	180.106	2881.26	2172.84	-2172.84	-4.02	470867.72	601634.13	32°39'14.249"N	104°25'40.757"W	0.00	
4889.00†	89.310	180.106	2882.47	2272.83	-2272.83	-4.21	470867.53	601534.15	32°39'13.260"N	104°25'40.758"W	0.00	
4989.00†	89.310	180.106	2883.67	2372.83	-2372.82	-4.39	470867.35	601434.17	32°39'12.270"N	104°25'40.759"W	0.00	

Accepted for record - NMOCD

Planned Wellpath Report

Mewbourne Oil Company

Prelim_2

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REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Wyatt) Sec 18, T19S, R26E	Wellbore	No. 1H PWB
Facility	Wyatt Draw North 18/19 LD No. 1H		

WELLPATH DATA (42 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]	Comments
5089.00†	89.310	180.106	2884.88	2472.82	-2472.82	-4.58	470867.16	601334.18	32°39'11.281"N	104°25'40.760"W	0.00	
5189.00†	89.310	180.106	2886.08	2572.81	-2572.81	-4.76	470866.98	601234.20	32°39'10.291"N	104°25'40.761"W	0.00	
5289.00†	89.310	180.106	2887.28	2672.81	-2672.80	-4.95	470866.79	601134.22	32°39'09.302"N	104°25'40.762"W	0.00	
5389.00†	89.310	180.106	2888.49	2772.80	-2772.79	-5.13	470866.61	601034.23	32°39'08.313"N	104°25'40.763"W	0.00	
5489.00†	89.310	180.106	2889.69	2872.79	-2872.79	-5.32	470866.42	600934.25	32°39'07.323"N	104°25'40.765"W	0.00	
5589.00†	89.310	180.106	2890.90	2972.78	-2972.78	-5.50	470866.24	600834.26	32°39'06.334"N	104°25'40.766"W	0.00	
5689.00†	89.310	180.106	2892.10	3072.78	-3072.77	-5.69	470866.05	600734.28	32°39'05.344"N	104°25'40.767"W	0.00	
5789.00†	89.310	180.106	2893.30	3172.77	-3172.76	-5.87	470865.87	600634.30	32°39'04.355"N	104°25'40.768"W	0.00	
5889.00†	89.310	180.106	2894.51	3272.76	-3272.76	-6.06	470865.68	600534.31	32°39'03.366"N	104°25'40.769"W	0.00	
5989.00†	89.310	180.106	2895.71	3372.75	-3372.75	-6.24	470865.50	600434.33	32°39'02.376"N	104°25'40.770"W	0.00	
6089.00†	89.310	180.106	2896.92	3472.75	-3472.74	-6.43	470865.31	600334.35	32°39'01.387"N	104°25'40.771"W	0.00	
6095.95	89.310	180.106	2897.00 ¹	3479.70	-3479.69	-6.44	470865.30	600327.40	32°39'01.318"N	104°25'40.771"W	0.00	No. 1H PBHL

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
1) LD No. 1H PBHL	6095.95	2897.00	-3479.69	-6.44	470865.30	600327.40	32°39'01.318"N	104°25'40.771"W	point

SURVEY PROGRAM Ref Wellbore: No. 1H PWB Ref Wellpath: Prelim_2

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
16.00	6095.95	NaviTrak (Standard)		No. 1H PWB

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