

DISTRICT I
625 N. Ranch 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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised July 18, 2010

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

RECEIVED

AUG - 9 2010

NM000 / 3751A

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-38068	Pool Code	Pool Name Undesignated Yeso
Property Code 38278	Property Name PINE BOX 21 DE	Well Number 1H
OGRID No. 14744	Operator Name MEWBOURNE OIL COMPANY	Elevation 3470'

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	16	20 S	25 E		200	SOUTH	390	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
E	21	20 S	25 E		2310	North	390	West	

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
80			

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

SURFACE LOCATION
Lat - N 32°33'57.24"
Long - W 104°29'47.28"
NMSPCE - N 569624.596
E 449742.179
(NAD-27)

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 8/4/10
Signature Date
Jackie Lathan
Printed Name
jathan@mewbourne.com
Email Address

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
Signature & Seal of Professional Surveyor
7977
Certificate No. Gary L. Jones 7977
BASIN SURVEYS 23163

DD

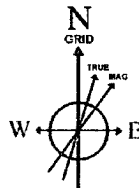
Location	Eddy County, NM	Slot	No 1H SHL
Field	(Pine) Sec 16, T20S, R25E	Well	No 1H
Facility	Pine Box 21 DE No 1H	Wellbore	No 1H PWB

NMOCD ARTESIA

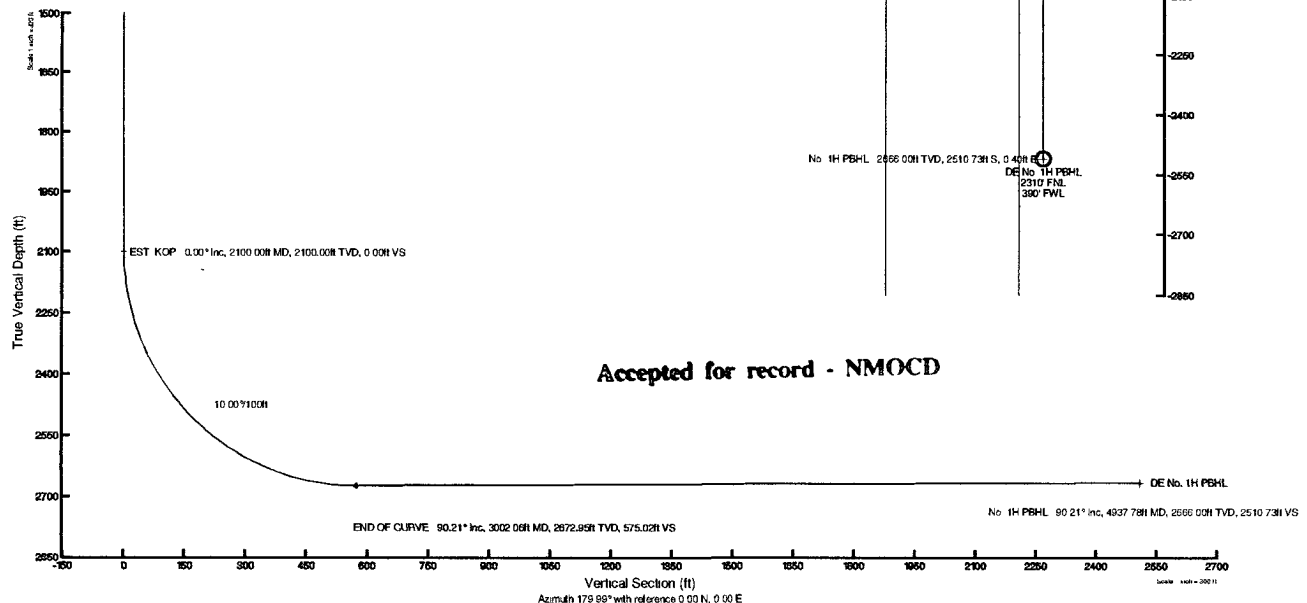
Well Profile Data								
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	0 00	0 000	179 991	0 00	0 00	0 00	0 00	0 00
EST KOP	2100 00	0 000	179 991	2100 00	0 00	0 00	0 00	0 00
END OF CURVE	3002 06	90 206	179 991	2672 95	-575 02	0 09	10 00	575 02
No 1H PBHL	4937 78	90 206	179 991	2666 00	-2510 73	0 40	0 00	2510 73



Plot reference w/sgps: 5.Prim 1 True vertical depths are referenced to Reg 101 on No. 1H SHL (KB) Measured depths are referenced to Reg 101 on No. 1H SHL (KB) Reg 101 on No. 1H SHL (KB) to Mean Sea Level: 3646 feet Mean Sea Level to Mudline Facility Prime Box 21 DE No. 1H: 3470 feet Coordinates are in feet referenced to Slat		Grid System: NAD27 / TM New Mexico State Plane, Eastern Zone (2001), US feet North Reference: Grid north Scale: True distance Depths are in feet Created by: Victor Hernandez on 7/26/2010
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BGGM (1945 0 to 2011 0) Dip 60 37° Field 48863 nT
 Magnetic North is 8 18 degrees East of True North (at 7/29/2010)
 Gnd North is 0 09 degrees West of True North
 To correct azimuth from True to Gnd add 0 09 degrees
 To correct azimuth from Magnetic to Gnd add 8 27 degrees
 For example if the Magnetic North Azimuth = 90 degs, then the Gnd North Azimuth = $90 + 8.27 = 98.27$



Planned Wellpath Report

 Mewbourne Oil Company

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REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Pine) Sec 16, T20S, R25E	Wellbore	No. 1H PWB
Facility	Pine Box 21 DE 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	0.999912	Report Generated	7/29/2010 at 4:22:04 PM
Convergence at slot	0.09° 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	449741.20	569974.40	32°34'00.699"N	104°29'47.302"W
Facility Reference Pt			449741.20	569974.40	32°34'00.699"N	104°29'47.302"W
Field Reference Pt			451610.46	569884.28	32°33'59.835"N	104°29'25.457"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig 101 on No. 1H SHL (KB) to GL	16.00ft
Horizontal Reference Pt	Slot	Rig 101 on No. 1H SHL (KB) to Mean Sea Level	3486.00ft
Vertical Reference Pt	Rig 101 on No. 1H SHL (KB)	GL to Mud Line (Facility)	0.00ft
MD Reference Pt	Rig 101 on No. 1H SHL (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	179.99°

Accepted for record - NMOCD

Planned Wellpath Report

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Field	(Pine) Sec 16, T20S, R25E	Wellbore	No. 1H PWB
Facility	Pine Box 21 DE No. 1H		

WELLPATH DATA (33 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	179.991	0.00	0.00	0.00	0.00	449741.20	569974.40	32°34'00.699"N	104°29'47.302"W	0.00	Tie On
2100.00	0.000	179.991	2100.00	0.00	0.00	0.00	449741.20	569974.40	32°34'00.699"N	104°29'47.302"W	0.00	EST. KOP
2110.00†	1.000	179.991	2110.00	0.09	-0.09	0.00	449741.20	569974.31	32°34'00.698"N	104°29'47.302"W	10.00	
2210.00†	11.000	179.991	2209.33	10.53	-10.53	0.00	449741.20	569963.87	32°34'00.595"N	104°29'47.302"W	10.00	
2310.00†	21.000	179.991	2305.33	38.06	-38.06	0.01	449741.21	569936.35	32°34'00.322"N	104°29'47.301"W	10.00	
2410.00†	31.000	179.991	2395.10	81.84	-81.84	0.01	449741.21	569892.57	32°33'59.889"N	104°29'47.300"W	10.00	
2510.00†	41.000	179.991	2475.89	140.54	-140.54	0.02	449741.22	569833.87	32°33'59.308"N	104°29'47.299"W	10.00	
2610.00†	51.000	179.991	2545.27	212.38	-212.38	0.03	449741.23	569762.04	32°33'58.597"N	104°29'47.298"W	10.00	
2710.00†	61.000	179.991	2601.12	295.18	-295.18	0.05	449741.25	569679.24	32°33'57.778"N	104°29'47.296"W	10.00	
2810.00†	71.000	179.991	2641.74	386.42	-386.42	0.06	449741.26	569588.01	32°33'56.875"N	104°29'47.294"W	10.00	
2910.00†	81.000	179.991	2665.90	483.33	-483.33	0.08	449741.28	569491.12	32°33'55.917"N	104°29'47.293"W	10.00	
3002.06	90.206	179.991	2672.95	575.02	-575.02	0.09	449741.29	569399.44	32°33'55.009"N	104°29'47.291"W	10.00	END OF CURVE
3010.00†	90.206	179.991	2672.93	582.96	-582.96	0.09	449741.29	569391.49	32°33'54.931"N	104°29'47.291"W	0.00	
3110.00†	90.206	179.991	2672.57	682.96	-682.96	0.11	449741.31	569291.50	32°33'53.941"N	104°29'47.289"W	0.00	
3210.00†	90.206	179.991	2672.21	782.96	-782.96	0.12	449741.32	569191.51	32°33'52.952"N	104°29'47.287"W	0.00	
3310.00†	90.206	179.991	2671.85	882.96	-882.96	0.14	449741.34	569091.52	32°33'51.962"N	104°29'47.285"W	0.00	
3410.00†	90.206	179.991	2671.49	982.96	-982.96	0.16	449741.36	568991.53	32°33'50.973"N	104°29'47.283"W	0.00	
3510.00†	90.206	179.991	2671.13	1082.95	-1082.95	0.17	449741.37	568891.54	32°33'49.983"N	104°29'47.281"W	0.00	
3610.00†	90.206	179.991	2670.77	1182.95	-1182.95	0.19	449741.39	568791.55	32°33'48.994"N	104°29'47.279"W	0.00	
3710.00†	90.206	179.991	2670.41	1282.95	-1282.95	0.20	449741.40	568691.56	32°33'48.004"N	104°29'47.277"W	0.00	
3810.00†	90.206	179.991	2670.05	1382.95	-1382.95	0.22	449741.42	568591.57	32°33'47.015"N	104°29'47.275"W	0.00	
3910.00†	90.206	179.991	2669.69	1482.95	-1482.95	0.24	449741.44	568491.58	32°33'46.025"N	104°29'47.273"W	0.00	
4010.00†	90.206	179.991	2669.33	1582.95	-1582.95	0.25	449741.45	568391.59	32°33'45.036"N	104°29'47.271"W	0.00	
4110.00†	90.206	179.991	2668.97	1682.95	-1682.95	0.27	449741.47	568291.60	32°33'44.046"N	104°29'47.269"W	0.00	
4210.00†	90.206	179.991	2668.61	1782.95	-1782.95	0.28	449741.48	568191.61	32°33'43.057"N	104°29'47.267"W	0.00	
4310.00†	90.206	179.991	2668.26	1882.95	-1882.95	0.30	449741.50	568091.62	32°33'42.067"N	104°29'47.265"W	0.00	
4410.00†	90.206	179.991	2667.90	1982.95	-1982.95	0.32	449741.52	567991.63	32°33'41.078"N	104°29'47.263"W	0.00	
4510.00†	90.206	179.991	2667.54	2082.95	-2082.95	0.33	449741.53	567891.64	32°33'40.088"N	104°29'47.261"W	0.00	
4610.00†	90.206	179.991	2667.18	2182.95	-2182.95	0.35	449741.55	567791.65	32°33'39.099"N	104°29'47.259"W	0.00	
4710.00†	90.206	179.991	2666.82	2282.95	-2282.95	0.36	449741.56	567691.66	32°33'38.109"N	104°29'47.257"W	0.00	

Accepted for record - NMOCD

Planned Wellpath Report

Mewbourne Oil Company

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REFERENCE WELLPATH IDENTIFICATION			
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Area	Eddy County, NM	Well	No. 1H
Field	(Pine) Sec 16, T20S, R25E	Wellbore	No. 1H PWB
Facility	Pine Box 21 DE No. 1H		

WELLPATH DATA (33 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
4810.00†	90.206	179.991	2666.46	2382.95	-2382.95	0.38	449741.58	567591.67	32°33'37.120"N	104°29'47.255"W	0.00	
4910.00†	90.206	179.991	2666.10	2482.95	-2482.95	0.40	449741.60	567491.68	32°33'36.130"N	104°29'47.253"W	0.00	
4937.78	90.206	179.991	2666.00 ¹	2510.73	-2510.73	0.40	449741.60	567463.90	32°33'35.856"N	104°29'47.252"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) DE No. 1H PBHL	4937.78	2666.00	-2510.73	0.40	449741.60	567463.90	32°33'35.856"N	104°29'47.252"W	point

SURVEY PROGRAM Ref Wellbore: No. 1H PWB Ref Wellpath: Prelim_1				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
16.00	4937.78	NaviTrak (Standard)		No. 1H PWB

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