

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

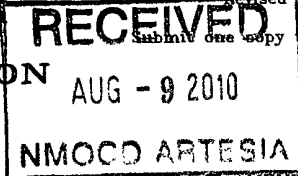
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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



WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-38111	Pool Code 11795	Pool Name Cemetery Yeso
Property Code 38302	Property Name GUNSMOKE "9" NM	Well Number 1H
OGRID No. 14744	Operator Name MEWBOURNE OIL COMPANY	Elevation 3452'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	9	20 S	25 E		350	SOUTH	2310	EAST	EDDY

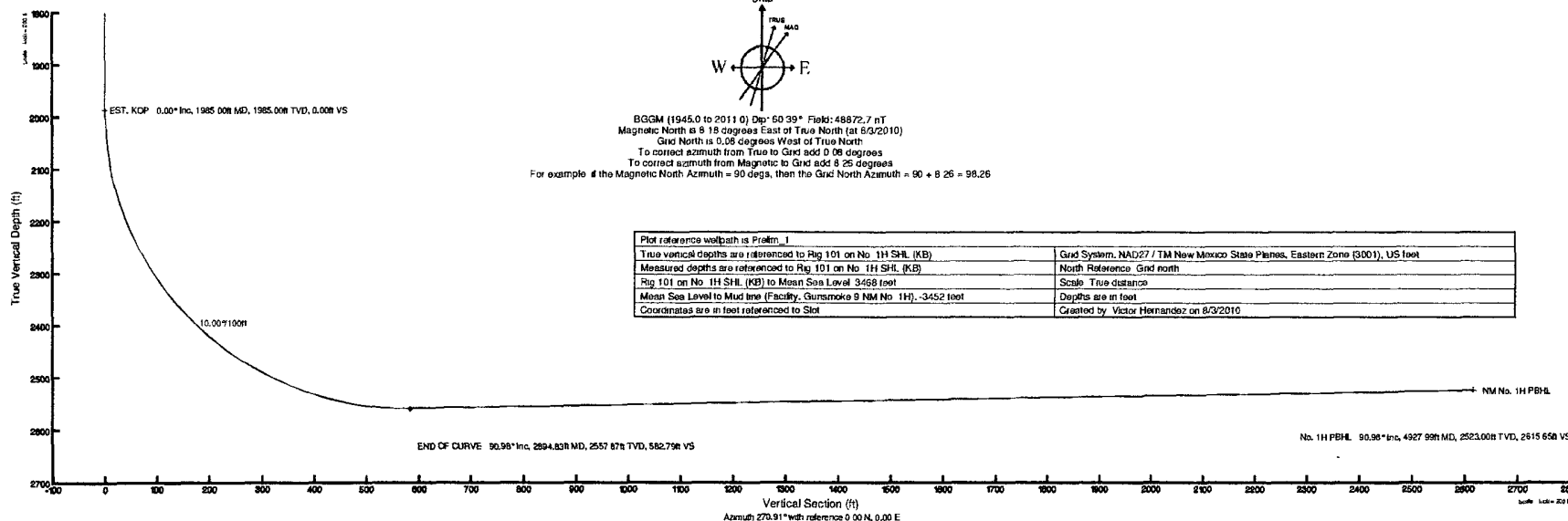
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	9	20 S	25 E		350	South	330	West	Eddy
Dedicated Acres 80	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

SURFACE LOCATION Lat - N 32°34'53.76" Long - W 104°29'17.87" NMSPC- N 575332.293 E 452267.889 (NAD-27)		Producing Area BHL		350' 2310'		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. Signature <u>Jackie Lathan</u> Date <u>8/5/10</u> Printed Name <u>Jackie Lathan</u> Email Address <u>jathan@mewbourne.com</u>
						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 <u>July 5, 2010</u> Signature & Seal of Professional Surveyor <u>[Signature]</u> Certificate No. Gary L. Jones 7977 BASIN SURVEYS 23162

NMOCDA TESTS

Accepted for record
NMOC D 22

Planned Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION			
Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Gunsmoke) Sec 9, T20S, R25E	Wellbore	No. 1H PWB
Facility	Gunsmoke 9 NM 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	8/3/2010 at 3:16:20 PM
Convergence at slot	0.08° 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	452267.89	575332.29	32°34'53.757"N	104°29'17.868"W
Facility Reference Pt			452267.89	575332.29	32°34'53.757"N	104°29'17.868"W
Field Reference Pt			452278.40	577938.86	32°35'19.551"N	104°29'17.789"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	3468.00ft
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	270.91°

Accepted for record
NMOCD

Planned Wellpath Report

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Area	Eddy County, NM	Well	No. 1H
Field	(Gunsmoke) Sec 9, T20S, R25E	Wellbore	No. 1H PWB
Facility	Gunsmoke 9 NM 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	270.914	0.00	0.00	0.00	0.00	452267.89	575332.29	32°34'53.757"N	104°29'17.868"W	0.00	Tie On
1985.00	0.000	270.914	1985.00	0.00	0.00	0.00	452267.89	575332.29	32°34'53.757"N	104°29'17.868"W	0.00	EST KOP
2085.00†	10.000	270.914	2084.49	8.70	0.14	-8.70	452259.19	575332.43	32°34'53.758"N	104°29'17.969"W	10.00	
2185.00†	20.000	270.914	2180.96	34.55	0.55	-34.55	452233.34	575332.84	32°34'53.762"N	104°29'18.271"W	10.00	
2285.00†	30.000	270.914	2271.48	76.76	1.22	-76.75	452191.14	575333.52	32°34'53.768"N	104°29'18.765"W	10.00	
2385.00†	40.000	270.914	2353.29	134.05	2.14	-134.03	452133.87	575334.43	32°34'53.776"N	104°29'19.434"W	10.00	
2485.00†	50.000	270.914	2423.91	204.67	3.27	-204.64	452063.27	575335.56	32°34'53.786"N	104°29'20.259"W	10.00	
2585.00†	60.000	270.914	2481.20	286.48	4.57	-286.44	451981.47	575336.86	32°34'53.798"N	104°29'21.215"W	10.00	
2685.00†	70.000	270.914	2523.40	376.99	6.01	-376.95	451890.98	575338.31	32°34'53.811"N	104°29'22.273"W	10.00	
2785.00†	80.000	270.914	2549.25	473.46	7.55	-473.40	451794.53	575339.85	32°34'53.825"N	104°29'23.400"W	10.00	
2885.00†	90.000	270.914	2557.96	572.96	9.14	-572.88	451695.06	575341.43	32°34'53.839"N	104°29'24.563"W	10.00	
2894.83	90.983	270.914	2557.87	582.79	9.30	-582.71	451685.23	575341.59	32°34'53.840"N	104°29'24.678"W	10.00	END OF CURVE
2985.00†	90.983	270.914	2556.33	672.94	10.74	-672.86	451595.09	575343.03	32°34'53.853"N	104°29'25.731"W	0.00	
3085.00†	90.983	270.914	2554.61	772.93	12.33	-772.83	451495.13	575344.62	32°34'53.868"N	104°29'26.899"W	0.00	
3185.00†	90.983	270.914	2552.90	872.91	13.93	-872.80	451395.16	575346.22	32°34'53.882"N	104°29'28.068"W	0.00	
3285.00†	90.983	270.914	2551.18	972.90	15.52	-972.78	451295.20	575347.81	32°34'53.896"N	104°29'29.236"W	0.00	
3385.00†	90.983	270.914	2549.47	1072.89	17.12	-1072.75	451195.24	575349.41	32°34'53.911"N	104°29'30.404"W	0.00	
3485.00†	90.983	270.914	2547.75	1172.87	18.71	-1172.72	451095.27	575351.00	32°34'53.925"N	104°29'31.573"W	0.00	
3585.00†	90.983	270.914	2546.04	1272.86	20.31	-1272.69	450995.31	575352.60	32°34'53.939"N	104°29'32.741"W	0.00	
3685.00†	90.983	270.914	2544.32	1372.84	21.90	-1372.67	450895.35	575354.19	32°34'53.954"N	104°29'33.909"W	0.00	
3785.00†	90.983	270.914	2542.60	1472.83	23.50	-1472.64	450795.38	575355.79	32°34'53.968"N	104°29'35.078"W	0.00	
3885.00†	90.983	270.914	2540.89	1572.81	25.09	-1572.61	450695.42	575357.38	32°34'53.982"N	104°29'36.246"W	0.00	
3985.00†	90.983	270.914	2539.17	1672.80	26.69	-1672.58	450595.46	575358.98	32°34'53.996"N	104°29'37.414"W	0.00	
4085.00†	90.983	270.914	2537.46	1772.78	28.28	-1772.56	450495.49	575360.57	32°34'54.011"N	104°29'38.583"W	0.00	
4185.00†	90.983	270.914	2535.74	1872.77	29.88	-1872.53	450395.53	575362.17	32°34'54.025"N	104°29'39.751"W	0.00	
4285.00†	90.983	270.914	2534.03	1972.75	31.47	-1972.50	450295.57	575363.76	32°34'54.039"N	104°29'40.920"W	0.00	
4385.00†	90.983	270.914	2532.31	2072.74	33.07	-2072.47	450195.60	575365.36	32°34'54.054"N	104°29'42.088"W	0.00	
4485.00†	90.983	270.914	2530.60	2172.72	34.66	-2172.45	450095.64	575366.95	32°34'54.068"N	104°29'43.256"W	0.00	
4585.00†	90.983	270.914	2528.88	2272.71	36.26	-2272.42	449995.67	575368.55	32°34'54.082"N	104°29'44.425"W	0.00	
4685.00†	90.983	270.914	2527.17	2372.69	37.85	-2372.39	449895.71	575370.14	32°34'54.096"N	104°29'45.593"W	0.00	

Planned Wellpath Report

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Facility	Gunsmoke 9 NM 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
4785.00†	90.983	270.914	2525.45	2472.68	39.45	-2472.36	449795.75	575371.74	32°34'54.111"N	104°29'46.761"W	0.00	
4885.00†	90.983	270.914	2523.74	2572.66	41.04	-2572.34	449695.78	575373.33	32°34'54.125"N	104°29'47.930"W	0.00	
4927.99	90.983	270.914	2523.00†	2615.65	41.73	-2615.32	449652.81	575374.02	32°34'54.131"N	104°29'48.432"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) NM No. 1H PBHL	4927.99	2523.00	41.73	-2615.32	449652.81	575374.02	32°34'54.131"N	104°29'48.432"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	4927.99	NaviTrak (Standard)		No. 1H PWB