



30-015-41966

Yates Petroleum Corp.

Eddy County, NM(NAD83)
Benson Deep BDX Federal
#2H

OH

Survey: MWD #1

Standard Survey Report

27 June, 2014

NM OIL CONSERVATION
ARTESIA DISTRICT
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Wellplanning Survey Report

Company:	Yates Petroleum Corp.	Local Co-ordinate Reference:	Well #2H
Project:	Eddy County, NM(NAD83)	TVD Reference:	Well1 @ 3472.5usft
Site:	Benson Deep BDX Federal	MD Reference:	Well1 @ 3472.5usft
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Project:	Eddy County, NM(NAD83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site		Benson Deep BDX Federal			
Site Position:		Northing:	617,748.55 usft	Latitude:	32° 41' 51.886 N
From:	Map	Easting:	648,884.60 usft	Longitude:	103° 59' 1.397 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.19 °

Well	#2H					
Well Position	+N/-S	0.0 usft	Northing:	617,748.55 usft	Latitude:	32° 41' 51.886 N
	+E/-W	0.0 usft	Easting:	648,884.60 usft	Longitude:	103° 59' 1.397 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,454.0 usft

Wellbore		OH			
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	IGRF2010	5/19/2014	7.45	60.48	48,563

Design:	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(usft)	(usft)	(usft)	(°)	
	0.0	0.0	0.0	86.24	

Survey Program		Date	6/27/2014		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
100.0	12,753.0	MWD #1 (OH)	MWD	MWD - Standard	

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.22	212.60	100.0	-0.2	-0.1	-0.1	0.22	0.22	0.00
200.0	0.29	169.43	200.0	-0.6	-0.2	-0.2	0.20	0.07	-43.17
300.0	0.25	27.19	300.0	-0.6	0.0	-0.1	0.51	-0.04	-142.24
400.0	1.65	130.48	400.0	-1.4	1.2	1.1	1.72	1.40	103.29
500.0	3.50	131.53	499.9	-4.3	4.6	4.3	1.85	1.85	1.05
600.0	3.30	127.94	599.7	-8.1	9.1	8.6	0.29	-0.20	-3.59
647.0	3.30	112.20	646.6	-9.5	11.4	10.8	1.92	0.00	-33.49
737.0	1.10	78.30	736.6	-10.3	14.7	14.0	2.74	-2.44	-37.67
825.0	0.70	21.80	824.5	-9.6	15.7	15.0	1.05	-0.45	-64.20



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Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM-5000.1 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
921.0	0.70	343.20	920.5	-8.5	15.8	15.2	0.48	0.00	-40.21	
1,016.0	0.50	353.70	1,015.5	-7.5	15.5	15.0	0.24	-0.21	11.05	
1,110.0	0.70	346.00	1,109.5	-6.6	15.4	14.9	0.23	0.21	-8.19	
1,205.0	0.80	343.00	1,204.5	-5.4	15.0	14.6	0.11	0.11	-3.16	
1,300.0	1.00	352.10	1,299.5	-3.9	14.7	14.4	0.26	0.21	9.58	
1,395.0	1.10	357.90	1,394.5	-2.2	14.6	14.4	0.15	0.11	6.11	
1,490.0	1.10	12.50	1,489.5	-0.4	14.7	14.7	0.29	0.00	15.37	
1,585.0	1.30	9.70	1,584.5	1.6	15.1	15.2	0.22	0.21	-2.95	
1,680.0	0.50	240.00	1,679.4	2.4	14.9	15.1	1.75	-0.84	-136.53	
1,775.0	0.40	243.30	1,774.4	2.1	14.3	14.4	0.11	-0.11	3.47	
1,869.0	0.50	252.80	1,868.4	1.8	13.6	13.7	0.13	-0.11	10.11	
1,964.0	0.40	253.20	1,963.4	1.6	12.9	13.0	0.11	-0.11	0.42	
2,014.0	0.50	273.40	2,013.4	1.6	12.5	12.6	0.37	0.20	40.40	
2,073.0	0.50	282.00	2,072.4	1.6	12.0	12.1	0.13	0.00	14.58	
2,169.0	0.70	255.60	2,168.4	1.6	11.0	11.1	0.35	0.21	-27.50	
2,264.0	1.10	254.40	2,263.4	1.2	9.6	9.6	0.42	0.42	-1.26	
2,358.0	0.70	248.10	2,357.4	0.7	8.2	8.2	0.44	-0.43	-6.70	
2,453.0	0.80	253.40	2,452.4	0.3	7.0	7.0	0.13	0.11	5.58	
2,548.0	0.50	265.00	2,547.4	0.1	5.9	5.9	0.34	-0.32	12.21	
2,643.0	0.90	257.60	2,642.4	-0.1	4.8	4.8	0.43	0.42	-7.79	
2,738.0	0.90	273.60	2,737.4	-0.2	3.3	3.3	0.26	-0.00	16.84	
2,833.0	1.00	272.00	2,832.4	-0.1	1.8	1.7	0.11	0.11	-1.68	
2,929.0	1.00	258.60	2,928.3	-0.3	0.1	0.1	-0.24	0.00	-13.96	
3,023.0	1.10	257.90	3,022.3	-0.6	-1.6	-1.6	0.11	0.11	-0.74	
3,118.0	1.10	257.90	3,117.3	-1.0	-3.4	-3.4	0.00	0.00	0.00	
3,213.0	1.10	269.90	3,212.3	-1.2	-5.2	-5.2	0.24	0.00	12.63	
3,308.0	1.30	270.10	3,307.3	-1.2	-7.2	-7.2	0.21	0.21	0.21	
3,403.0	1.10	260.60	3,402.3	-1.4	-9.1	-9.2	0.30	-0.21	-10.00	
3,498.0	1.30	257.00	3,497.2	-1.7	-11.1	-11.2	0.22	0.21	-3.79	
3,593.0	1.60	262.30	3,592.2	-2.2	-13.5	-13.6	0.35	0.32	5.58	
3,687.0	0.50	267.40	3,686.2	-2.4	-15.2	-15.3	1.17	-1.17	5.43	
3,782.0	0.50	243.90	3,781.2	-2.6	-16.0	-16.1	0.21	0.00	-24.74	
3,877.0	1.00	253.90	3,876.2	-3.0	-17.1	-17.3	0.54	0.53	10.53	
3,971.0	1.10	249.80	3,970.2	-3.5	-18.8	-18.9	0.13	0.11	-4.36	
4,066.0	1.00	257.60	4,065.1	-4.0	-20.4	-20.6	0.18	-0.11	8.21	
4,161.0	1.10	256.50	4,160.1	-4.4	-22.1	-22.4	0.11	0.11	-1.16	
4,256.0	2.60	267.20	4,255.1	-4.7	-25.2	-25.4	1.61	1.58	11.26	
4,351.0	4.20	269.20	4,349.9	-4.9	-30.8	-31.0	1.69	1.68	2.11	
4,446.0	5.20	269.20	4,444.6	-5.0	-38.6	-38.8	1.05	1.05	0.00	
4,539.0	5.20	271.30	4,537.2	-4.9	-47.0	-47.2	0.20	0.00	2.26	
4,634.0	4.60	270.40	4,631.9	-4.8	-55.1	-55.3	0.64	-0.63	-0.95	
4,729.0	4.30	267.60	4,726.6	-4.9	-62.5	-62.7	0.39	-0.32	-2.95	
4,823.0	4.20	262.10	4,820.3	-5.6	-69.4	-69.6	0.45	-0.11	-5.85	
4,918.0	3.70	260.40	4,915.1	-6.5	-75.9	-76.1	0.54	-0.53	-1.79	



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Survey									
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5,013.0	3.40	260.60	5,009.9	-7.5	-81.7	-82.0	0.32	-0.32	0.21
5,108.0	3.30	263.90	5,104.7	-8.3	-87.2	-87.5	0.23	-0.11	3.47
5,203.0	2.50	260.70	5,199.6	-8.9	-91.9	-92.3	0.86	-0.84	-3.37
5,298.0	2.20	253.70	5,294.5	-9.7	-95.7	-96.2	0.44	-0.32	-7.37
5,393.0	1.10	279.00	5,389.5	-10.1	-98.4	-98.8	1.36	-1.16	26.63
5,488.0	1.00	293.30	5,484.5	-9.6	-100.0	-100.5	0.29	-0.11	15.05
5,581.0	1.40	283.90	5,577.5	-9.0	-101.9	-102.3	0.48	0.43	-10.11
5,674.0	1.50	286.60	5,670.4	-8.4	-104.2	-104.5	0.13	0.11	2.90
5,766.0	0.80	296.20	5,762.4	-7.8	-105.9	-106.2	0.79	-0.76	10.43
5,860.0	0.10	310.50	5,856.4	-7.5	-106.5	-106.8	0.75	-0.74	15.21
5,952.0	0.30	154.00	5,948.4	-7.6	-106.5	-106.8	0.43	0.22	-170.11
6,046.0	0.50	183.90	6,042.4	-8.3	-106.4	-106.7	0.30	0.21	31.81
6,140.0	0.40	193.60	6,136.4	-9.0	-106.5	-106.9	0.13	-0.11	10.32
6,233.0	0.90	212.40	6,229.4	-9.9	-107.0	-107.4	0.58	0.54	20.22
6,325.0	0.70	209.80	6,321.4	-11.0	-107.7	-108.2	0.22	-0.22	-2.83
6,417.0	1.10	235.40	6,413.4	-12.0	-108.7	-109.2	0.61	0.43	27.83
6,510.0	1.80	250.00	6,506.3	-13.0	-110.8	-111.4	0.85	0.75	15.70
6,602.0	1.50	261.30	6,598.3	-13.7	-113.3	-114.0	0.48	-0.33	12.28
6,693.0	1.70	272.70	6,689.3	-13.8	-115.9	-116.5	0.41	0.22	12.53
6,787.0	1.10	302.70	6,783.2	-13.2	-118.0	-118.6	0.99	-0.64	31.91
6,879.0	1.20	291.10	6,875.2	-12.4	-119.6	-120.2	0.27	0.11	-12.61
6,971.0	1.20	287.30	6,967.2	-11.8	-121.5	-122.0	0.09	0.00	-4.13
7,064.0	1.10	306.10	7,060.2	-11.0	-123.1	-123.6	0.42	-0.11	20.22
7,159.0	-0.90	289.00	7,155.2	-10.2	-124.6	-125.0	0.38	-0.21	-18.00
7,251.0	0.40	293.40	7,247.2	-9.8	-125.5	-125.9	0.55	-0.54	4.78
7,345.0	0.40	305.40	7,341.2	-9.5	-126.1	-126.5	0.09	0.00	12.77
7,439.0	0.60	294.80	7,435.2	-9.1	-126.8	-127.1	0.23	0.21	-11.28
7,535.0	0.60	274.30	7,531.2	-8.9	-127.8	-128.1	0.22	0.00	-21.35
7,628.0	0.70	294.50	7,624.2	-8.6	-128.8	-129.1	0.27	0.11	21.72
7,723.0	0.90	277.30	7,719.1	-8.3	-130.0	-130.3	0.33	0.21	-18.11
7,799.0	1.10	240.70	7,795.1	-8.5	-131.3	-131.6	0.86	0.26	-48.16
7,861.0	-0.90	143.30	7,857.1	-9.2	-131.5	-131.8	2.43	-0.32	-157.10
7,891.0	5.90	100.60	7,887.1	-9.7	-129.8	-130.2	17.58	16.67	-142.33
7,922.0	11.20	94.60	7,917.7	-10.2	-125.3	-125.7	17.31	17.10	-19.35
7,953.0	14.90	93.70	7,947.9	-10.7	-118.3	-118.7	11.95	11.94	-2.90
7,984.0	18.20	91.50	7,977.6	-11.1	-109.5	-110.0	10.83	10.65	-7.10
8,015.0	20.00	89.00	8,006.9	-11.1	-99.3	-99.8	6.38	5.81	-8.06
8,045.0	22.00	88.10	8,034.9	-10.9	-88.6	-89.1	6.75	6.67	-3.00
8,077.0	23.60	88.30	8,064.4	-10.5	-76.2	-76.7	5.01	5.00	0.63
8,109.0	24.40	88.80	8,093.6	-10.2	-63.2	-63.7	2.58	2.50	1.56
8,140.0	26.20	86.00	8,121.7	-9.5	-50.0	-50.5	6.97	5.81	-9.03
8,171.0	28.70	84.10	8,149.2	-8.3	-35.7	-36.2	8.54	8.06	-6.13
8,202.0	31.70	83.50	8,176.0	-6.6	-20.2	-20.6	9.73	9.68	-1.94



Wellplanning Survey Report

Company:	Yates Petroleum Corp.	Local Co-ordinate Reference:	Well #2H
Project:	Eddy County, NM(NAD83)	TVD Reference:	Well1 @ 3472.5usft
Site:	Benson Deep BDX Federal	MD Reference:	Well1 @ 3472.5usft
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM:5000.1:Single User Db

Survey									
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8,233.0	34.60	84.60	8,201.9	-4.9	-3.4	-3.7	9.55	9.35	3.55
8,264.0	37.60	84.40	8,227.0	-3.1	14.8	14.6	9.68	9.68	-0.65
8,295.0	41.90	84.30	8,250.8	-1.2	34.5	34.4	13.87	13.87	-0.32
8,327.0	45.80	84.80	8,273.9	0.9	56.6	56.5	12.24	12.19	1.56
8,357.0	51.10	85.30	8,293.8	2.9	79.0	79.0	17.71	17.67	1.67
8,389.0	56.20	86.00	8,312.7	4.8	104.7	104.7	16.03	15.94	2.19
8,421.0	61.30	86.90	8,329.3	6.5	132.0	132.1	16.12	15.94	2.81
8,453.0	66.20	87.10	8,343.5	8.0	160.6	160.8	15.32	15.31	0.63
8,485.0	70.70	86.70	8,355.2	9.6	190.3	190.5	14.11	14.06	-1.25
8,516.0	74.40	85.30	8,364.5	11.7	219.8	220.1	12.69	11.94	-4.52
8,547.0	80.20	83.70	8,371.3	14.6	249.9	250.3	19.37	18.71	-5.16
8,576.0	83.90	84.10	8,375.3	17.6	278.5	279.0	12.83	12.76	1.38
8,607.0	87.30	84.30	8,377.7	20.8	309.2	309.9	10.99	10.97	0.65
8,671.0	87.30	84.80	8,380.7	26.8	372.8	373.8	0.78	0.00	0.78
8,763.0	89.60	85.30	8,383.2	34.8	464.5	465.7	2.56	2.50	0.54
8,855.0	89.20	85.00	8,384.2	42.6	556.1	557.7	0.54	-0.43	-0.33
8,948.0	89.90	85.10	8,384.9	50.6	648.8	650.7	0.76	0.75	0.11
9,040.0	90.70	86.00	8,384.4	57.7	740.5	742.7	1.31	0.87	0.98
9,131.0	91.10	85.80	8,383.0	64.2	831.2	833.7	0.49	0.44	-0.22
9,225.0	91.40	86.20	8,380.9	70.8	925.0	927.6	0.53	0.32	0.43
9,299.6	90.26	87.58	8,379.9	74.8	999.5	1,002.2	2.39	-1.52	1.85
TGT1(BD#2H)									
9,317.0	90.00	87.90	8,379.8	75.5	1,016.9	1,019.6	2.39	-1.52	1.85
9,410.0	89.80	87.60	8,380.0	79.2	1,109.8	1,112.6	0.39	-0.22	-0.32
9,502.0	89.80	87.80	8,380.3	82.9	1,201.7	1,204.6	0.22	0.00	0.22
9,597.0	89.80	87.90	8,380.6	86.4	1,296.6	1,299.5	0.11	0.00	0.11
9,689.0	89.10	86.90	8,381.5	90.6	1,388.5	1,391.5	1.33	-0.76	-1.09
9,783.0	89.20	86.70	8,382.9	95.8	1,482.4	1,485.5	0.24	0.11	-0.21
9,800.8	89.22	86.78	8,383.2	96.9	1,500.2	1,503.3	0.44	0.11	0.43
TGT2(BD#2H)									
9,877.0	89.30	87.10	8,384.1	100.9	1,576.2	1,579.5	0.44	0.11	0.43
9,973.0	89.50	87.20	8,385.2	105.7	1,672.1	1,675.4	0.23	0.21	0.10
10,066.0	89.80	87.20	8,385.7	110.2	1,765.0	1,768.4	0.32	0.32	0.00
10,161.0	88.40	85.80	8,387.2	116.0	1,859.8	1,863.4	2.08	-1.47	-1.47
10,257.0	88.50	86.00	8,389.8	122.9	1,955.5	1,959.4	0.23	0.10	0.21
10,302.0	88.69	86.00	8,390.9	126.0	2,000.5	2,004.4	0.42	0.42	0.00
TGT3(BD#2H)									
10,352.0	88.90	86.00	8,392.0	129.5	2,050.3	2,054.4	0.42	0.42	0.00
10,446.0	89.10	84.40	8,393.6	137.4	2,143.9	2,148.3	1.72	0.21	-1.70
10,541.0	89.30	84.60	8,394.9	146.5	2,238.5	2,243.3	0.30	0.21	0.21
10,636.0	89.30	84.40	8,396.1	155.6	2,333.0	2,338.2	0.21	0.00	-0.21
10,731.0	89.20	84.40	8,397.3	164.9	2,427.6	2,433.2	0.11	-0.11	0.00
10,803.0	89.28	84.17	8,398.3	172.0	2,499.2	2,505.1	0.33	0.11	-0.32
TGT4(BD#2H)									



Wellplanning Survey Report

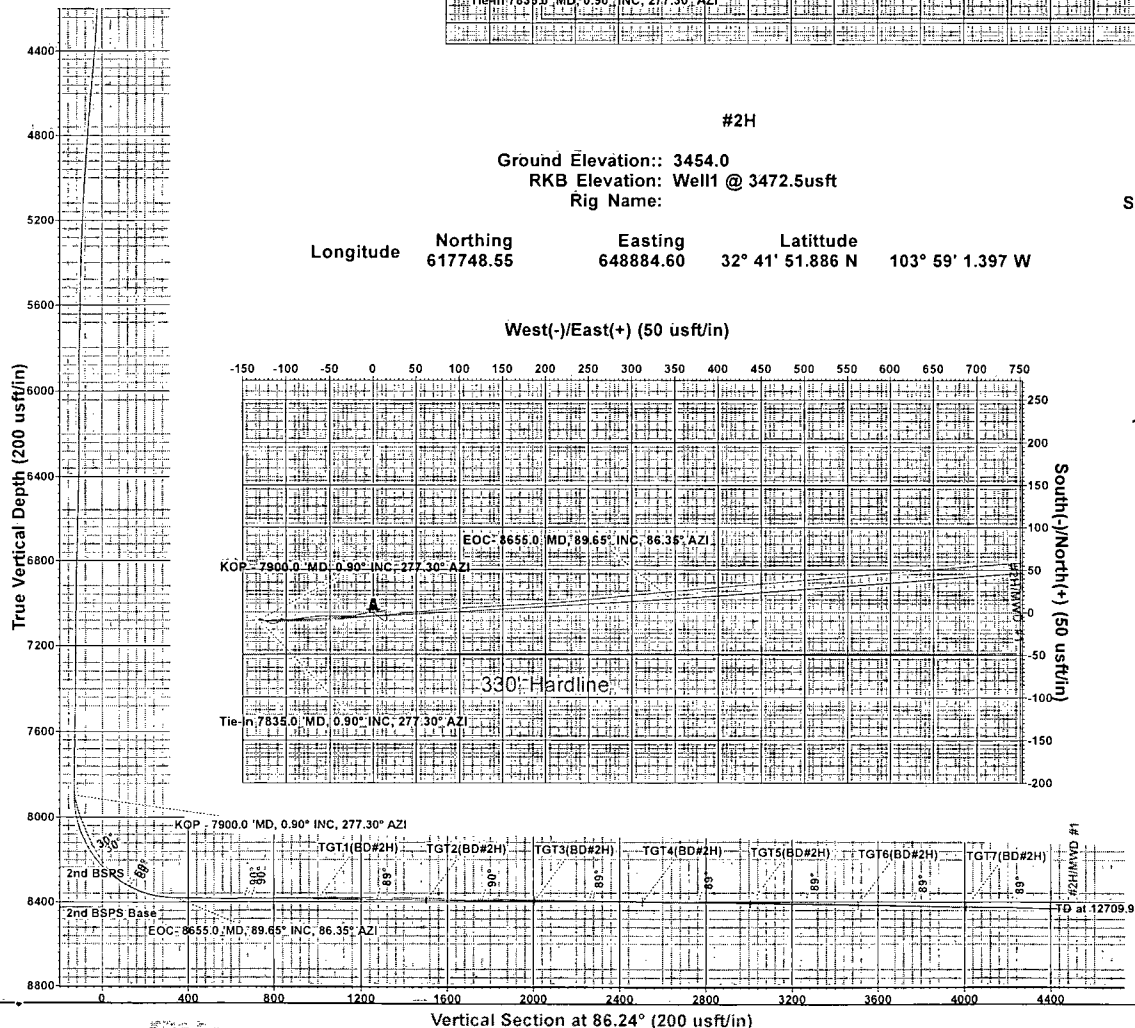
Company:	Yates Petroleum Corp.	Local Co-ordinate/Reference:	Well #2H
Project:	Eddy County, NM(NAD83)	TVD Reference:	Well1 @ 3472.5usft
Site:	Benson Deep,BDX Federal	MD Reference:	Well1 @ 3472.5usft
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,826.0	89.30	84.10	8,398.6	174.4	2,522.1	2,528.1	0.33	0.11	-0.32
10,921.0	89.50	85.30	8,399.6	183.2	2,616.7	2,623.1	1.28	0.21	1.26
11,017.0	89.00	86.70	8,400.8	189.9	2,712.4	2,719.0	1.55	-0.52	1.46
11,112.0	89.00	86.40	8,402.5	195.6	2,807.2	2,814.0	0.32	0.00	-0.32
11,207.0	89.30	86.20	8,403.9	201.7	2,902.0	2,909.0	0.38	0.32	-0.21
11,302.0	88.80	86.90	8,405.5	207.4	2,996.8	3,004.0	0.91	-0.53	0.74
11,304.6	88.81	86.89	8,405.5	207.6	2,999.4	3,006.6	0.57	0.53	-0.21
TGT5(BD#2H)									
11,396.0	89.30	86.70	8,407.0	212.7	3,090.7	3,098.0	0.57	0.53	-0.21
11,490.0	89.60	86.00	8,407.9	218.6	3,184.5	3,192.0	0.81	0.32	-0.74
11,584.0	89.50	86.50	8,408.7	224.8	3,278.3	3,286.0	0.54	-0.11	0.53
11,678.0	88.50	88.30	8,410.3	229.1	3,372.2	3,379.9	2.19	-1.06	1.91
11,787.0	88.70	87.90	8,413.0	232.7	3,481.1	3,488.8	0.41	0.18	-0.37
11,805.9	88.76	87.90	8,413.4	233.4	3,499.9	3,507.7	0.32	0.32	0.00
TGT6(BD#2H)									
11,882.0	89.00	87.90	8,414.9	236.1	3,576.0	3,583.8	0.32	0.32	0.00
11,977.0	89.50	87.80	8,416.1	239.7	3,670.9	3,678.7	0.54	0.53	-0.11
12,072.0	88.50	86.00	8,417.8	244.8	3,765.8	3,773.7	2.17	-1.05	-1.89
12,167.0	88.90	86.00	8,419.9	251.5	3,860.5	3,868.7	0.42	0.42	0.00
12,262.0	89.30	86.20	8,421.4	257.9	3,955.3	3,963.7	0.47	0.42	0.21
12,306.9	89.54	86.20	8,421.9	260.9	4,000.1	4,008.6	0.53	0.53	0.00
TGT7(BD#2H)									
12,357.0	89.80	86.20	8,422.2	264.2	4,050.1	4,058.7	0.53	0.53	0.00
12,452.0	88.50	85.80	8,423.6	270.9	4,144.8	4,153.7	1.43	-1.37	-0.42
12,547.0	88.40	85.80	8,426.2	277.8	4,239.5	4,248.6	0.11	-0.11	0.00
12,642.0	88.70	85.70	8,428.6	284.8	4,334.2	4,343.6	0.33	0.32	-0.11
12,695.0	88.90	85.10	8,429.7	289.1	4,387.0	4,396.6	1.19	0.38	-1.13
PBHL(BD#2H)									
12,753.0	88.90	85.10	8,430.8	294.1	4,444.8	4,454.5	0.00	0.00	0.00

Checked By: _____ Approved By: _____ Date: _____



Project: Eddy County, NM(NAD83)
Site: Benson Deep BDX Federal
Well: #2H
Wellbore: OH
Plan: Plan #5 (#2H/OH)

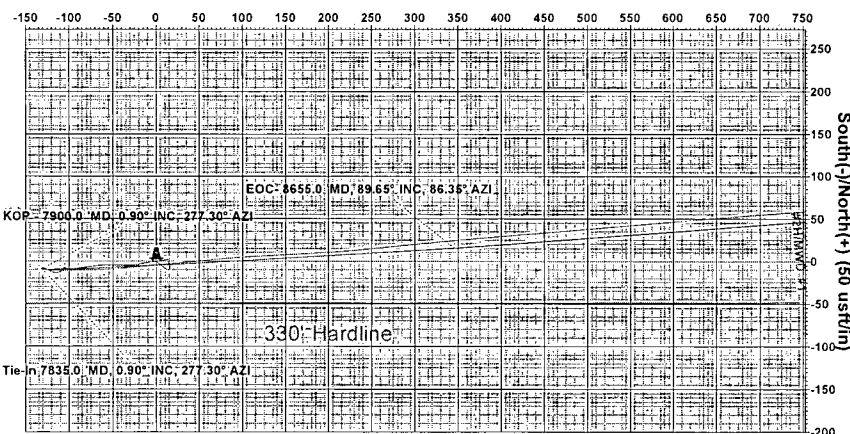


#2H

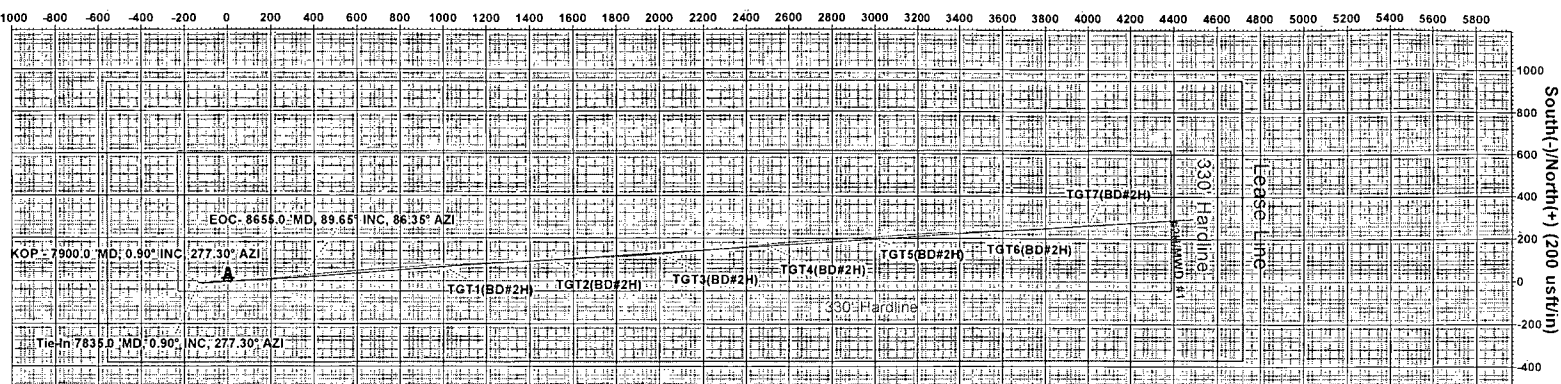
Ground Elevation:: 3454.0
RKB Elevation: Well1 @ 3472.5usft
Rig Name:

Longitude Northing Easting Latitude
617748.55 648884.60 32° 41' 51.886 N 103° 59' 1.397 W

West(-)/East(+) (50 usft/in)



West(-)/East(+) (200 usft/in)

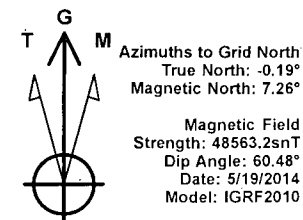


Section Details

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSeet	
1	7835.0	0.65	187.94	7831.1	-8.9	-131.6	0.00	0.00	-131.9	
2	7900.0	0.65	187.94	7896.1	-9.6	-131.7	0.00	0.00	-132.1	
3	8658.1	89.65	86.36	8381.0	15.5	348.5	11.84	-101.59	348.8	
4	8697.5	89.65	85.57	8381.2	18.3	387.8	2.00	-90.06	388.1	
5	9311.5	89.65	85.57	8385.0	65.7	1000.0	0.00	0.00	1002.2	TGT1(BD#2H)
6	9350.7	89.30	86.27	8385.4	68.5	1039.1	2.00	116.46	1041.3	
7	9812.7	89.30	86.27	8391.0	98.5	1500.0	0.00	0.00	1503.2	TGT2(BD#2H)
8	9824.9	89.55	86.26	8391.1	99.3	1512.3	2.00	-3.78	1515.5	
9	10313.7	89.55	86.26	8395.0	131.2	2000.0	0.00	0.00	2004.3	TGT3(BD#2H)
10	10319.7	89.43	86.24	8395.1	131.6	2006.0	2.00	-169.09	2010.3	
11	10814.8	89.43	86.24	8400.0	164.1	2500.0	0.00	0.00	2505.4	TGT4(BD#2H)
12	10832.3	89.08	86.25	8400.2	165.2	2517.4	2.00	178.07	2522.8	
13	11316.0	89.08	86.25	8408.0	196.9	3000.0	0.00	0.00	3006.5	TGT5(BD#2H)
14	11316.3	89.09	86.25	8408.0	196.9	3000.3	2.00	-1.93	3006.8	
15	11817.1	89.09	86.25	8416.0	229.7	3500.0	0.00	0.00	3507.5	TGT6(BD#2H)
16	11822.9	89.20	86.25	8416.1	230.1	3505.7	2.00	0.00	3513.3	
17	12318.2	89.20	86.25	8423.0	262.5	4000.0	0.00	0.00	4008.6	TGT7(BD#2H)
18	12330.1	88.96	86.24	8423.2	263.3	4011.9	2.00	-178.04	4020.5	
19	12706.3	88.96	86.24	8430.0	287.9	4387.1	0.00	0.00	4396.6	PBHL(BD#2H)
20	12806.3	88.96	86.24	8431.8	294.5	4486.9	0.00	0.00	4496.6	

FORMATION TOP DETAILS

TVDPath	MDPath	Formation	DipAngle	DipDir
2744.0	2744.6	Queen	0.00	
3214.0	3214.7	Grayberg	0.00	
3854.0	3854.8	Cherry Canyon	0.00	
4069.0	4069.9	Brushy Canyon	0.00	
5644.0	5647.6	Bone Springs LM	0.00	
7404.0	7407.8	1st BSPPS	0.00	
8234.0	8273.6	2nd BSPPS	0.00	
8424.0	12374.8	2nd BSPPS Base	0.00	



PROJECT DETAILS: Eddy County, NM(NAD83)
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level
Local North: Grid



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