

YATES PETROLEUM CORPORATION

PEQUENO MIKE BLU FEDERAL #1H EDDY CO., NEW MEXICO



SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	8640.00	91.00	280.43	7198.20	362.34	-1613.29	0.00	0.00	1648.68	
2	8702.00	89.76	279.27	7197.79	372.95	-1674.37	2.74	223.10	1710.65	
3	9454.36	90.35	268.00	7197.07	420.57	-2424.00	1.50	272.99	2459.31	
4	9500.00	90.35	268.00	7196.79	418.98	-2469.62	0.00	0.00	2504.22	
5	11905.36	90.36	283.88	7181.81	667.01	-4854.38	0.66	89.92	4899.82	
6	12193.84	90.36	283.88	7180.00	736.19	-5134.43	0.00	0.00	5186.93	P3

TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape	
P3	7180.00	736.19	-5134.43	708017.68	622066.93	Point	
PP 2	7220.00	129.10	-530.33	707410.59	626671.03	Point	

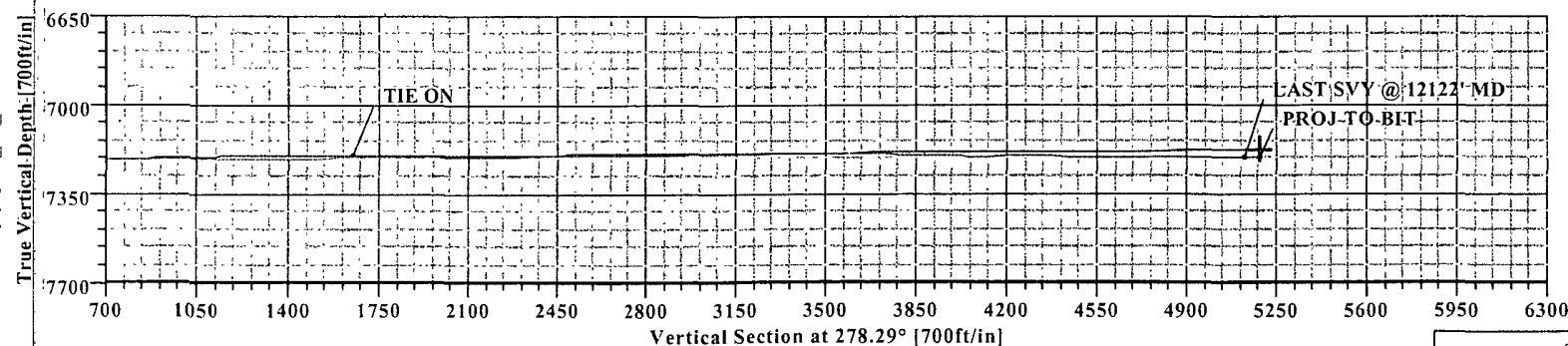
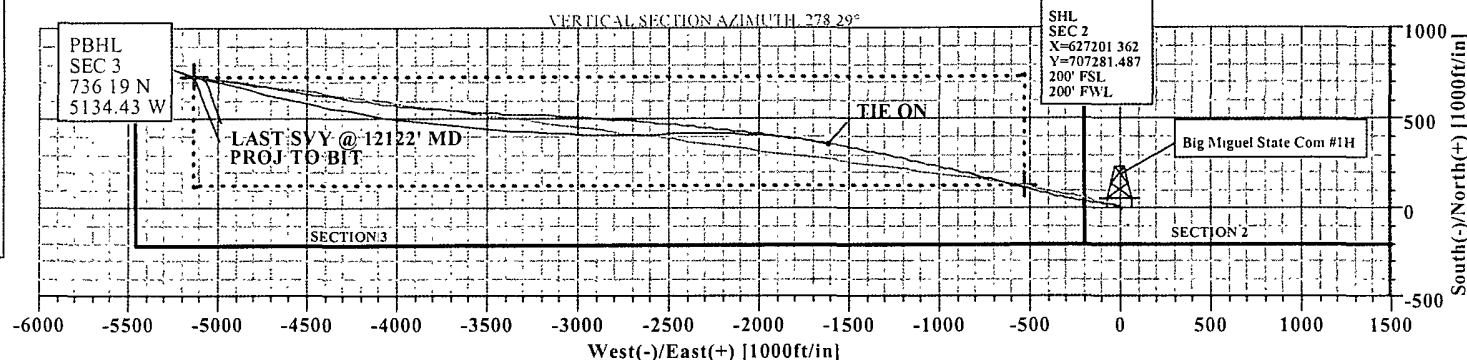
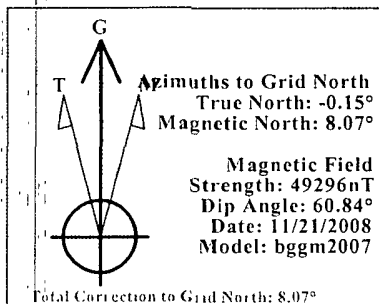
WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
#1H	0.00	0.00	707281.49	627201.36	32°56'38.437N	104°03'12.389W	N/A

SITE DETAILS	
Pequeno Mike "BLU" Federal #1H 200' FSL 200' FWL of SEC 2, T-16-S, R-29-E	
Site Centre Northing:	707281.49
Easting:	627201.36
Ground Level:	3718.00
Positional Uncertainty:	0.00
Convergence:	0.15

FIELD DETAILS	
Eddy Co., NM (NAD 83)	
Geodetic System:	US State Plane Coordinate System 1983
Ellipsoid:	GRS 1980
Zone:	New Mexico, Eastern Zone
Magnetic Model:	bggm2007
System Datum:	Mean Sea Level
Local North:	Grid North

Proj to Bit Survey WFT SVY 2 (#1H/1)									
No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
136	12184.00	91.14	277.80	7205.16	734.07	-5134.82	0.19	-48.36	5187.00

LEGEND	
	#1H, 1, Plan #3
	#1H, 1, Plan #6
	WFT SVY 2



36.015-36390

Weatherford International, Inc.

Survey Report



Weatherford

Company: Yates Petroleum	Date: 12/24/2008	Time: 08:54:32	Page: 1
Field: Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference:	Well: #1H, Grid North	
Site: Pequeno Mike "BLU" Federal #1H	Vertical (TVD) Reference:	SITE 3736.0	
Well: #1H	Section (VS) Reference:	Well (0:00N;0:00E;278.29Azi)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Field: Eddy Co., NM (NAD 83)

Map System: US State Plane Coordinate System 1983
 Geo Datum: GRS 1980
 Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
 Coordinate System: Well Centre
 Geomagnetic Model: bggm2007

Site: Pequeno Mike "BLU" Federal #1H

200' FSL 200' FWL of SEC 2, T-16-S, R-29-E

Site Position:	Northing: 707281.49 ft	Latitude: 32 56 38.437 N	
From: Map	Easting: 627201.36 ft	Longitude: 104 3 12.389 W	
Position Uncertainty: 0.00 ft		North Reference: Grid	
Ground Level: 3718.00 ft		Grid Convergence: 0.15 deg	

Well: #1H

Slot Name:

Well Position: +N/-S 0.00 ft	Northing: 707281.49 ft	Latitude: 32 56 38.437 N	
+E/-W 0.00 ft	Easting: 627201.36 ft	Longitude: 104 3 12.389 W	
Position Uncertainty: 0.00 ft			

Wellpath: 1

Current Datum: SITE	Height 3736.00 ft	Drilled From: Surface	
Magnetic Data: 11/21/2008		Tie-on Depth: 0.00 ft	
Field Strength: 49296 nT		Above System Datum: Mean Sea Level	
Vertical Section: Depth From (TVD)	+N/-S	Declination: 8.23 deg	
ft	ft	Mag Dip Angle: 60.84 deg	
		+E/-W	Direction
		ft	deg
0.00	0.00	0 00	278.29

Survey: WFT SVY 2

Start Date: 12/6/2008

Company: Weatherford International, Inc
 Tool: MWD, MWD - Standard

Engineer: Lindsey Maddux
 Tied-to: From: Multi Shot

Survey: WFT SVY 2

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6630.00	2.00	65.69	6629.80	11.29	0.09	1.54	0.00	0.00	0.00	MWD
6691.00	0.79	327.71	6690.79	12.08	0.84	0.91	3.69	-1.98	-160.62	MWD
6708.00	2.30	294.60	6707.78	12.32	0.47	1.32	9.97	8.88	-194.76	MWD
6726.00	4.29	287.77	6725.75	12.68	-0.50	2.33	11.25	11.06	-37.94	MWD
6740.00	6.26	284.95	6739.69	13.04	-1.74	3.60	14.19	14.07	-20.14	MWD
6771.00	10.10	282.01	6770.37	14.04	-6.03	7.99	12.46	12.39	-9.48	MWD
6803.00	14.16	281.35	6801.65	15.39	-12.62	14.71	12.69	12.69	-2.06	MWD
6835.00	17.61	280.10	6832.42	17.01	-21.22	23.45	10.83	10.78	-3.91	MWD
6866.00	20.70	280.94	6861.70	18.88	-31.22	33.62	10.01	9.97	2.71	MWD
6898.00	24.53	282.26	6891.23	21.36	-43.27	45.90	12.07	11.97	4.12	MWD
6930.00	27.83	283.21	6919.95	24.48	-57.04	59.97	10.40	10.31	2.97	MWD
6962.00	31.60	282.25	6947.74	27.97	-72.51	75.78	11.87	11.78	-3.00	MWD
6993.00	34.15	279.44	6973.77	31.12	-89.03	92.59	9.58	8.23	-9.06	MWD
7024.00	36.55	277.84	6999.05	33.80	-106.76	110.52	8.30	7.74	-5.16	MWD
7056.00	39.80	277.01	7024.21	36.35	-126.37	130.29	10.28	10.16	-2.59	MWD
7088.00	43.17	276.73	7048.17	38.89	-147.41	151.48	10.55	10.53	-0.87	MWD
7120.00	47.18	276.35	7070.73	41.47	-169.96	174.16	12.56	12.53	-1.19	MWD
7151.00	49.93	276.81	7091.25	44.13	-193.04	197.39	8.94	8.87	1.48	MWD
7183.00	52.83	277.92	7111.22	47.34	-217.83	222.38	9.46	9.06	3.47	MWD
7215.00	55.84	277.75	7129.87	50.89	-243.58	248.38	9.42	9.41	-0.53	MWD
7246.00	60.16	278.64	7146.30	54.64	-269.60	274.66	14.15	13.94	2.87	MWD
7277.00	62.34	279.81	7161.21	59.00	-296.42	301.83	7.77	7.03	3.77	MWD
7308.00	65.73	281.94	7174.78	64.26	-323.79	329.67	12.56	10.94	6.87	MWD
7340.00	68.12	283.12	7187.32	70.65	-352.52	359.02	8.20	7.47	3.69	MWD

Weatherford International, Inc.

Survey Report



Weatherford

Company: Yates Petroleum	Date: 12/24/2008	Time: 08:54:32	Page: 2
Field: Eddy Co. NM (NAD 83)	Co-ordinate(NE) Reference: Well #1H Grid North		
Site: Pequeno Mike "BLU" Federal #1H	Vertical (TVD) Reference: SITE 3736.0		
Well: #1H	Section (VS) Reference: Well (0.00N,0.00E,278.29Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: WFT SVY 2

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
7372.00	70.74	283.87	7198.56	77.64	-381.65	388.86	8.48	8.19	2.34	MWD
7403.00	73.62	284.59	7208.05	84.90	-410.25	418.21	9.55	9.29	2.32	MWD
7435.00	78.40	284.35	7215.78	92.65	-440.31	449.07	14.96	14.94	-0.75	MWD
7467.00	83.38	284.44	7220.85	100.51	-470.91	480.48	15.56	15.56	0.28	MWD
7499.00	88.60	285.24	7223.08	108.68	-501.75	512.18	16.50	16.31	2.50	MWD
7530.00	92.49	285.71	7222.79	116.95	-531.62	542.93	12.64	12.55	1.52	MWD
7547.00	92.43	285.48	7222.06	121.52	-547.98	559.77	1.40	-0.35	-1.35	MWD
7562.00	93.12	285.67	7221.33	125.54	-562.41	574.64	4.77	4.60	1.27	MWD
7594.00	93.52	285.59	7219.48	134.15	-593.18	606.32	1.27	1.25	-0.25	MWD
7625.00	92.32	285.58	7217.90	142.46	-623.00	637.03	3.87	-3.87	-0.03	MWD
7657.00	92.21	285.39	7216.64	151.00	-653.81	668.75	0.69	-0.34	-0.59	MWD
7693.00	90.54	284.58	7215.77	160.31	-688.58	704.49	5.16	-4.64	-2.25	MWD
7724.00	90.31	284.47	7215.54	168.08	-718.58	735.31	0.82	-0.74	-0.35	MWD
7756.00	90.77	284.16	7215.24	175.99	-749.59	767.13	1.73	1.44	-0.97	MWD
7788.00	91.29	284.08	7214.67	183.80	-780.62	798.96	1.64	1.62	-0.25	MWD
7820.00	91.75	284.05	7213.82	191.57	-811.65	830.79	1.44	1.44	-0.09	MWD
7851.00	92.21	283.74	7212.75	199.01	-841.72	861.62	1.79	1.48	-1.00	MWD
7883.00	92.72	283.67	7211.37	206.59	-872.78	893.45	1.61	1.59	-0.22	MWD
7915.00	92.49	283.40	7209.91	214.07	-903.86	925.28	1.11	-0.72	-0.84	MWD
7947.00	93.01	283.17	7208.38	221.41	-934.97	957.12	1.78	1.62	-0.72	MWD
7978.00	92.83	283.03	7206.80	228.43	-965.12	987.97	0.74	-0.58	-0.45	MWD
8010.00	90.77	282.98	7205.79	235.63	-996.29	1019.85	6.44	-6.44	-0.16	MWD
8042.00	90.60	282.68	7205.41	242.73	-1027.48	1051.75	1.08	-0.53	-0.94	MWD
8073.00	90.83	282.61	7205.03	249.52	-1057.73	1082.65	0.78	0.74	-0.23	MWD
8105.00	91.52	282.67	7204.37	256.52	-1088.95	1114.55	2.16	2.16	0.19	MWD
8137.00	91.29	282.59	7203.58	263.51	-1120.16	1146.45	0.76	-0.72	-0.25	MWD
8169.00	89.97	281.74	7203.23	270.26	-1151.44	1178.38	4.91	-4.12	-2.66	MWD
8200.00	90.03	281.51	7203.23	276.50	-1181.81	1209.32	0.77	0.19	-0.74	MWD
8232.00	90.43	281.72	7203.10	282.94	-1213.15	1241.27	1.41	1.25	0.66	MWD
8264.00	90.71	281.58	7202.79	289.41	-1244.49	1273.21	0.98	0.87	-0.44	MWD
8296.00	91.06	281.84	7202.29	295.90	-1275.82	1305.15	1.36	1.09	0.81	MWD
8327.00	91.29	281.61	7201.66	302.20	-1306.17	1336.09	1.05	0.74	-0.74	MWD
8359.00	91.63	281.86	7200.84	308.70	-1337.49	1368.02	1.32	1.06	0.78	MWD
8391.00	91.40	281.66	7199.99	315.22	-1368.80	1399.95	0.95	-0.72	-0.62	MWD
8423.00	90.60	281.38	7199.44	321.61	-1400.16	1431.90	2.65	-2.50	-0.87	MWD
8454.00	90.20	281.15	7199.22	327.67	-1430.56	1462.85	1.49	-1.29	-0.74	MWD
8486.00	89.80	280.45	7199.22	333.67	-1461.99	1494.82	2.52	-1.25	-2.19	MWD
8518.00	89.97	280.58	7199.28	339.51	-1493.45	1526.80	0.67	0.53	0.41	MWD
8550.00	90.26	280.75	7199.22	345.43	-1524.90	1558.77	1.05	0.91	0.53	MWD
8608.00	90.77	281.03	7198.70	356.38	-1581.85	1616.71	1.00	0.88	0.48	MWD
8640.00	91.00	280.43	7198.20	362.34	-1613.29	1648.68	2.01	0.72	-1.87	TIE ON
8671.00	89.86	279.23	7197.97	367.63	-1643.83	1679.66	5.34	-3.68	-3.87	MWD
8703.00	89.34	278.81	7198.20	372.65	-1675.44	1711.66	2.09	-1.62	-1.31	MWD
8735.00	88.14	278.17	7198.90	377.37	-1707.08	1743.65	4.25	-3.75	-2.00	MWD
8767.00	88.26	278.04	7199.90	381.88	-1738.74	1775.63	0.55	0.37	-0.41	MWD
8798.00	88.43	278.02	7200.80	386.21	-1769.42	1806.62	0.55	0.55	-0.06	MWD
8830.00	88.77	277.95	7201.58	390.66	-1801.10	1838.61	1.08	1.06	-0.22	MWD
8862.00	88.88	278.00	7202.24	395.09	-1832.79	1870.60	0.38	0.34	0.16	MWD
8893.00	88.94	277.94	7202.83	399.39	-1863.48	1901.60	0.27	0.19	-0.19	MWD
8925.00	89.11	277.74	7203.37	403.76	-1895.18	1933.59	0.82	0.53	-0.62	MWD
8957.00	89.06	277.80	7203.88	408.08	-1926.88	1965.59	0.24	-0.16	0.19	MWD
8989.00	89.34	277.99	7204.33	412.48	-1958.58	1997.58	1.06	0.87	0.59	MWD
9020.00	89.40	277.76	7204.67	416.72	-1989.28	2028.58	0.77	0.19	-0.74	MWD

Weatherford International, Inc.

Survey Report



Weatherford

Company: Yates Petroleum	Date: 12/24/2008	Time: 08:54:32	Page: 3
Field: Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference:	Well: #1H, Grid: North	
Site: Pequeno Mike "BLU" Federal #1H	Vertical (TVD) Reference:	SITE 3736.0	
Well: #1H	Section (VS) Reference:	Well (0.00N, 0.00E, 278.29Azi)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: WFT SVY 2

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
9052.00	89.50	277.30	7204.98	420.92	-2021.00	2060.58	1.47	0.31	-1.44	MWD
9084.00	89.51	276.80	7205.25	424.85	-2052.76	2092.57	1.56	0.03	-1.56	MWD
9115.00	89.80	277.15	7205.44	428.61	-2083.53	2123.56	1.47	0.94	1.13	MWD
9147.00	90.03	277.05	7205.49	432.56	-2115.29	2155.55	0.78	0.72	-0.31	MWD
9179.00	90.26	277.13	7205.41	436.51	-2147.04	2187.54	0.76	0.72	0.25	MWD
9211.00	90.37	276.34	7205.23	440.27	-2178.82	2219.53	2.49	0.34	-2.47	MWD
9242.00	90.60	276.25	7204.97	443.67	-2209.63	2250.51	0.80	0.74	-0.29	MWD
9274.00	90.89	276.26	7204.55	447.15	-2241.44	2282.49	0.91	0.91	0.03	MWD
9306.00	91.11	276.51	7203.99	450.71	-2273.23	2314.47	1.04	0.69	0.78	MWD
9337.00	91.06	276.57	7203.41	454.24	-2304.03	2345.45	0.25	-0.16	0.19	MWD
9369.00	90.31	276.41	7203.02	457.86	-2335.82	2377.43	2.40	-2.34	-0.50	MWD
9401.00	90.20	276.04	7202.88	461.33	-2367.63	2409.41	1.21	-0.34	-1.16	MWD
9432.00	90.26	276.14	7202.76	464.62	-2398.46	2440.38	0.38	0.19	0.32	MWD
9464.00	90.60	276.25	7202.52	468.07	-2430.27	2472.36	1.12	1.06	0.34	MWD
9496.00	90.31	275.40	7202.26	471.32	-2462.10	2504.33	2.81	-0.91	-2.66	MWD
9527.00	90.08	274.57	7202.16	474.01	-2492.98	2535.28	2.78	-0.74	-2.68	MWD
9591.00	90.49	274.22	7201.84	478.91	-2556.79	2599.13	0.84	0.64	-0.55	MWD
9654.00	90.66	274.35	7201.21	483.62	-2619.61	2661.97	0.34	0.27	0.21	MWD
9749.00	90.77	274.24	7200.02	490.74	-2714.34	2756.73	0.16	0.12	-0.12	MWD
9845.00	91.17	274.11	7198.40	497.72	-2810.07	2852.47	0.44	0.42	-0.14	MWD
9940.00	90.49	273.89	7197.02	504.35	-2904.83	2947.20	0.75	-0.72	-0.23	MWD
10035.00	90.94	274.06	7195.83	510.93	-2999.59	3041.92	0.51	0.47	0.18	MWD
10130.00	90.43	272.62	7194.70	516.47	-3094.42	3136.55	1.61	-0.54	-1.52	MWD
10225.00	90.83	272.67	7193.65	520.85	-3189.32	3231.09	0.42	0.42	0.05	MWD
10288.00	91.12	272.68	7192.58	523.79	-3252.24	3293.78	0.46	0.46	0.02	MWD
10320.00	91.17	272.59	7191.94	525.26	-3284.20	3325.61	0.32	0.16	-0.28	MWD
10384.00	90.77	272.26	7190.86	527.97	-3348.13	3389.27	0.81	-0.62	-0.52	MWD
10415.00	90.20	271.73	7190.60	529.05	-3379.11	3420.08	2.51	-1.84	-1.71	MWD
10447.00	90.26	271.83	7190.47	530.04	-3411.09	3451.88	0.36	0.19	0.31	MWD
10479.00	89.57	272.76	7190.52	531.33	-3443.07	3483.70	3.62	-2.16	2.91	MWD
10511.00	88.88	273.20	7190.95	532.99	-3475.02	3515.56	2.56	-2.16	1.37	MWD
10542.00	89.52	272.75	7191.38	534.60	-3505.98	3546.42	2.52	2.06	-1.45	MWD
10574.00	88.60	273.36	7191.91	536.30	-3537.93	3578.28	3.45	-2.87	1.91	MWD
10605.00	88.20	273.98	7192.77	538.29	-3568.85	3609.17	2.38	-1.29	2.00	MWD
10669.00	88.09	274.25	7194.84	542.88	-3632.65	3672.97	0.46	-0.17	0.42	MWD
10732.00	88.37	274.43	7196.79	547.64	-3695.44	3735.79	0.53	0.44	0.29	MWD
10796.00	88.54	274.24	7198.52	552.48	-3759.24	3799.61	0.40	0.27	-0.30	MWD
10859.00	88.54	274.69	7200.12	557.38	-3822.02	3862.45	0.71	0.00	0.71	MWD
10890.00	88.77	274.31	7200.85	559.81	-3852.92	3893.38	1.43	0.74	-1.23	MWD
10954.00	88.20	275.80	7202.54	565.45	-3916.65	3957.25	2.49	-0.89	2.33	MWD
11017.00	89.23	275.79	7203.95	571.81	-3979.31	4020.17	1.63	1.63	-0.02	MWD
11049.00	89.63	276.01	7204.27	575.10	-4011.14	4052.14	1.43	1.25	0.69	MWD
11112.00	90.20	276.70	7204.37	582.07	-4073.75	4115.11	1.42	0.90	1.10	MWD
11208.00	90.26	277.96	7203.98	594.32	-4168.96	4211.09	1.31	0.06	1.31	MWD
11271.00	90.20	278.19	7203.73	603.17	-4231.34	4274.09	0.38	-0.10	0.37	MWD
11367.00	89.34	278.15	7204.11	616.81	-4326.36	4370.09	0.90	-0.90	-0.04	MWD
11430.00	89.46	278.19	7204.77	625.76	-4388.72	4433.08	0.20	0.19	0.06	MWD
11493.00	89.69	277.93	7205.24	634.60	-4451.09	4496.08	0.55	0.37	-0.41	MWD
11557.00	89.97	278.11	7205.43	643.53	-4514.47	4560.08	0.52	0.44	0.28	MWD
11620.00	89.34	278.81	7205.81	652.79	-4576.78	4623.08	1.49	-1.00	1.11	MWD
11683.00	89.11	279.07	7206.66	662.58	-4639.01	4686.07	0.55	-0.37	0.41	MWD
11747.00	89.11	279.23	7207.65	672.76	-4702.19	4750.05	0.25	0.00	0.25	MWD
11778.00	89.23	278.94	7208.10	677.65	-4732.79	4781.05	1.01	0.39	-0.94	MWD

Weatherford International, Inc.

Survey Report



Weatherford

Company: Yates Petroleum	Date: 12/24/2008	Time: 08:54:32	Page: 14
Field: Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference:	Well: #1H, Grid North	
Site: Pequeno Mike "BLU" Federal #1H	Vertical: (TVD) Reference:	SITE 3736.0	
Well: #1H	Section (VS) Reference:	Well (0.00N, 0.00E, 278.29Azi)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: WFT SVY 2

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
11810.00	89.28	278.05	7208.52	682.38	-4764.44	4813.04	2.79	0.16	-2.78	MWD
11841.00	89.46	277.86	7208.86	686.67	-4795.14	4844.04	0.84	0.58	-0.61	MWD
11937.00	90.37	278.00	7209.00	699.91	-4890.22	4940.04	0.96	0.95	0.15	MWD
12032.00	90.94	278.02	7207.92	713.15	-4984.29	5035.03	0.60	0.60	0.02	MWD
12122.00	91.06	277.89	7206.35	725.60	-5073.41	5125.02	0.20	0.13	-0.14	LAST SVY @ 12122' MD
12184.00	91.14	277.80	7205.16	734.07	-5134.82	5187.00	0.19	0.13	-0.15	PROJ TO BIT

Annotation

MD ft	TVD ft	
8640.00	7198.20	TIE ON
12122.00	7206.35	LAST SVY @ 12122' MD
12184.00	7205.16	PROJ TO BIT