Enseco Survey Report

25 October, 2011

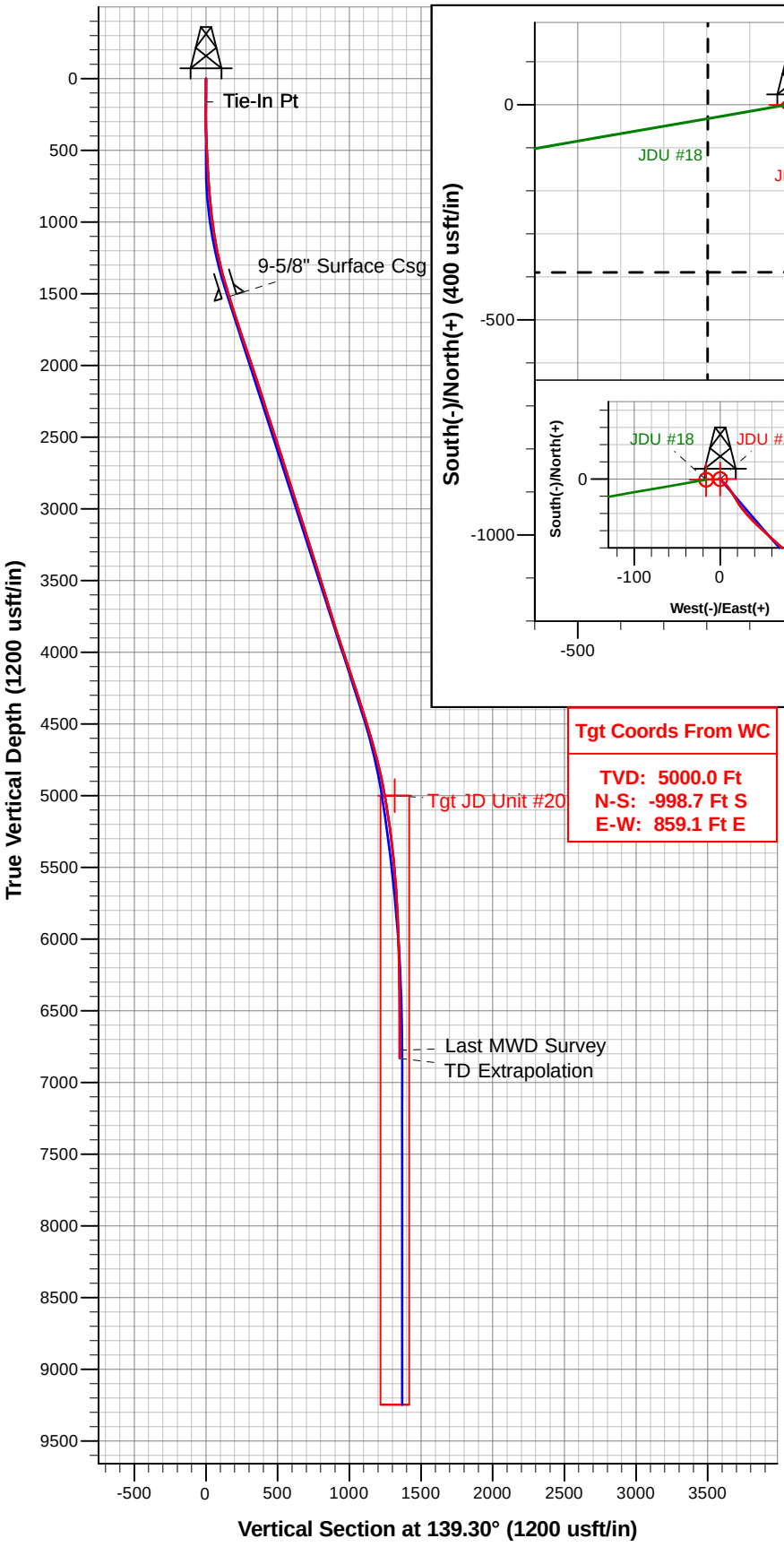
Wexpro Company

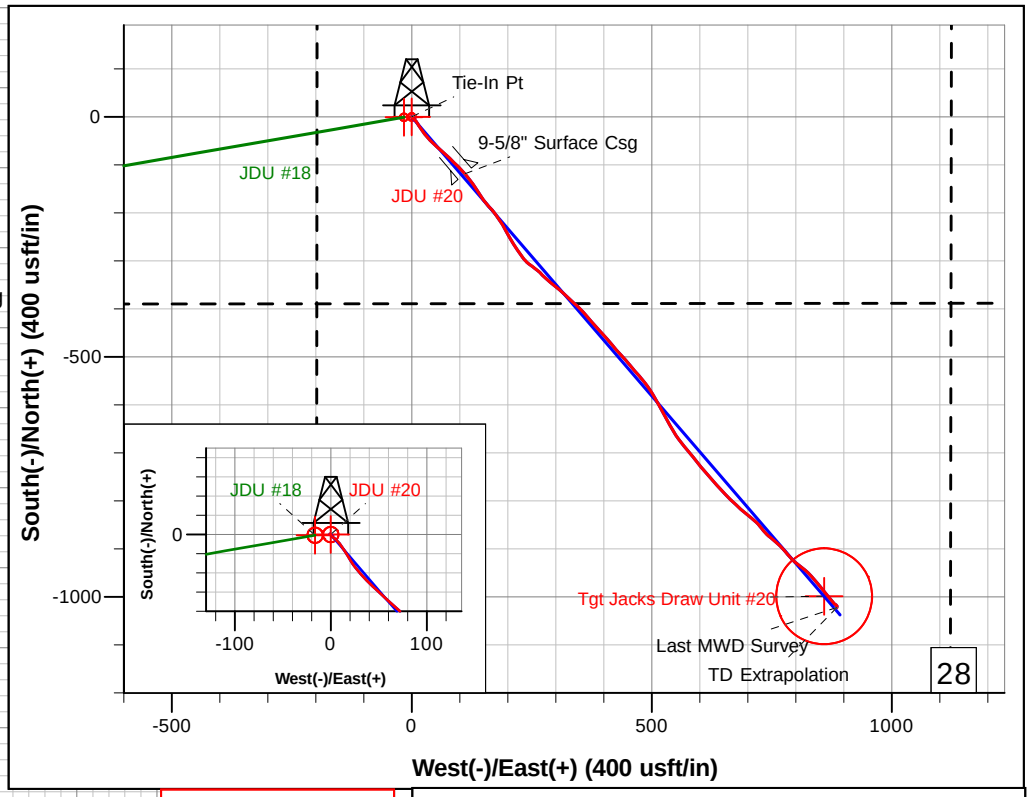
Moffat County, Colorado
Sec 28, T12N, R97W, 6 PM
Jacks Draw Unit #20

11255-159

Survey: Final Surveys to TD

Wexpro Company
Project: Moffat County, Colorado
Site: Sec 28, T12N, R97W, 6 PM
Well: Jacks Draw Unit #20
Wellbore: 11255-159
Design: Final Surveys



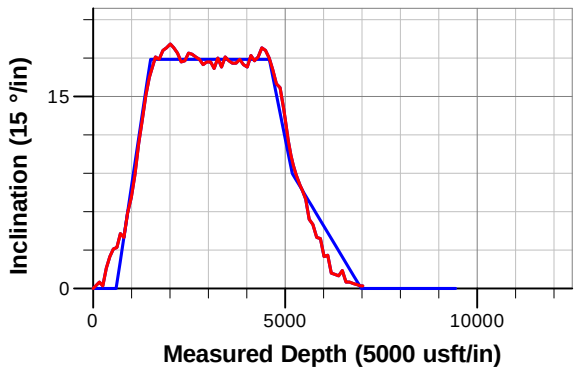


Tgt Coords From WC

TVD: 5000.0 Ft
N-S: -998.7 Ft S
E-W: 859.1 Ft E

Ref Information: Well Center

Geodetic System:	US State Plane 1983
Ellipsoid:	GRS 1980
Zone:	Colorado Northern Zone
Northing:	1610622.59
Easting:	2226726.43
Latitude:	40° 58' 33.578 N
Longitude:	108° 18' 2.599 W
Ground Elevation:	6569.0
KB Elevation:	Actual Kb @ 6597.0usft (SST-88)



ANNOTATIONS

TVD	MD	Inc	Azi	VSect	Annotation
162.0	162.0	0.50	304.40	-0.7	Tie-In Pt
1519.3	1535.0	17.15	139.29	162.0	9-5/8" Surface Csg
6774.9	6965.0	0.20	139.80	1352.2	Last MWD Survey
6832.9	7023.0	0.20	139.80	1352.4	TD Extrapolation

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well Jacks Draw Unit #20
Company:	Wexpro Company	**TVD Reference:**	Actual Kb @ 6597.0usft (SST-88)
Project:	Moffat County, Colorado	**MD Reference:**	Actual Kb @ 6597.0usft (SST-88)
Site:	Sec 28, T12N, R97W, 6 PM	**North Reference:**	True
Well:	Jacks Draw Unit #20	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	11255-159		
Design:	Final Surveys		

Project Moffat County, Colorado

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		Using geodetic scale factor

Site Sec 28, T12N, R97W, 6 PM | Site Reference Pt.: Jacks Draw Unit #18

Site Position:		**Northing:**	1,610,622.39 usft	**Latitude:**	40° 58' 33.571 N
From:	Lat/Long	**Easting:**	2,226,710.12 usft	**Longitude:**	108° 18' 2.812 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16"	**Grid Convergence:**	-1.81 °

Well Jacks Draw Unit #20

Well Position	**+N/-S**	0.7 usft	**Northing:**	1,610,622.59 usft	**Latitude:**	40° 58' 33.578 N
	+E/-W	16.3 usft	**Easting:**	2,226,726.43 usft	**Longitude:**	108° 18' 2.599 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	6,597.0 usft	**Ground Level:**	6,569.0 usft

Wellbore 11255-159

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	9/28/2011	10.65	66.88	52,970

Design Final Surveys

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.0

Vertical Section:	**Depth From (TVD) (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Direction (°)**
	0.0	0.0	0.0	139.30

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well Jacks Draw Unit #20
Company:	Wexpro Company	**TVD Reference:**	Actual Kb @ 6597.0usft (SST-88)
Project:	Moffat County, Colorado	**MD Reference:**	Actual Kb @ 6597.0usft (SST-88)
Site:	Sec 28, T12N, R97W, 6 PM	**North Reference:**	True
Well:	Jacks Draw Unit #20	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	11255-159		
Design:	Final Surveys		

Survey

MD (usft)	Inc (°)	Azi (°)	TVD (usft)	SS (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	6,597.00	0.0	0.0	0.0	0.00	0.00	0.00
Tie-In Pt										
162.0	**0.50**	**304.40**	**162.0**	**6,435.00**	**0.4**	**-0.6**	**-0.7**	**0.31**	**0.31**	**0.00**
252.0	0.20	301.00	252.0	6,345.00	0.7	-1.0	-1.2	0.33	-0.33	-3.78
344.0	1.60	140.80	344.0	6,253.01	-0.2	-0.4	-0.1	1.95	1.52	-174.13
435.0	2.50	131.40	434.9	6,162.07	-2.5	1.9	3.2	1.05	0.99	-10.33
526.0	3.10	130.80	525.8	6,071.18	-5.4	5.3	7.6	0.66	0.66	-0.66
618.0	3.20	134.80	617.7	5,979.32	-8.9	9.0	12.6	0.26	0.11	4.35
709.0	4.30	152.50	708.5	5,888.51	-13.7	12.4	18.4	1.74	1.21	19.45
800.0	4.00	145.00	799.2	5,797.75	-19.3	15.8	24.9	0.68	-0.33	-8.24
896.0	5.90	149.50	894.9	5,702.11	-26.3	20.2	33.1	2.02	1.98	4.69
991.0	7.10	142.10	989.3	5,607.73	-35.1	26.3	43.8	1.54	1.26	-7.79
1,087.0	8.90	136.60	1,084.3	5,512.66	-45.2	35.0	57.1	2.04	1.87	-5.73
1,182.0	11.30	132.30	1,177.9	5,419.14	-56.8	46.9	73.7	2.65	2.53	-4.53
1,277.0	13.10	132.90	1,270.7	5,326.29	-70.4	61.7	93.6	1.90	1.89	0.63
1,373.0	15.10	133.10	1,363.8	5,233.19	-86.4	78.8	116.9	2.08	2.08	0.21
1,465.0	16.50	134.80	1,452.3	5,144.66	-103.8	96.8	141.8	1.60	1.52	1.85
9-5/8" Surface Csg										
1,535.0	**17.15**	**139.29**	**1,519.3**	**5,077.66**	**-118.6**	**110.6**	**162.0**	**2.07**	**0.92**	**6.41**
1,624.0	18.10	144.50	1,604.2	4,992.83	-139.8	127.2	188.9	2.07	1.07	5.86
1,719.0	17.90	148.10	1,694.5	4,902.48	-164.2	143.5	218.1	1.19	-0.21	3.79
1,815.0	18.60	136.60	1,785.7	4,811.28	-187.9	161.8	247.9	3.82	0.73	-11.98
1,910.0	18.80	146.50	1,875.7	4,721.27	-211.6	180.7	278.3	3.34	0.21	10.42
2,006.0	19.10	151.40	1,966.5	4,630.47	-238.3	196.7	309.0	1.69	0.31	5.10
2,101.0	18.80	148.10	2,056.4	4,540.61	-265.0	212.3	339.3	1.17	-0.32	-3.47
2,197.0	18.40	144.40	2,147.4	4,449.62	-290.4	229.3	369.7	1.30	-0.42	-3.85
2,292.0	17.70	124.30	2,237.8	4,359.21	-310.8	249.9	398.6	6.57	-0.74	-21.16
2,387.0	17.80	135.90	2,328.3	4,268.70	-329.3	272.0	427.0	3.72	0.11	12.21
2,483.0	18.40	127.10	2,419.6	4,177.44	-349.0	294.3	456.5	2.91	0.62	-9.17
2,578.0	18.30	134.40	2,509.7	4,087.26	-368.5	316.9	486.0	2.42	-0.11	7.68
2,673.0	18.10	130.80	2,600.0	3,997.01	-388.6	338.7	515.5	1.20	-0.21	-3.79
2,769.0	17.90	138.30	2,691.3	3,905.69	-409.3	359.8	545.0	2.42	-0.21	7.81
2,864.0	17.50	140.00	2,781.8	3,815.19	-431.2	378.7	573.9	0.69	-0.42	1.79
2,959.0	17.70	135.80	2,872.4	3,724.63	-452.5	398.0	602.6	1.35	0.21	-4.42
3,055.0	17.70	141.80	2,963.8	3,633.17	-474.4	417.2	631.7	1.90	0.00	6.25
3,150.0	17.20	136.60	3,054.5	3,542.54	-496.0	435.8	660.2	1.72	-0.53	-5.47
3,246.0	18.00	140.30	3,146.0	3,451.03	-517.7	455.0	689.2	1.43	0.83	3.85
3,342.0	17.30	137.90	3,237.5	3,359.55	-539.7	474.0	718.3	1.05	-0.73	-2.50
3,437.0	18.10	145.10	3,328.0	3,269.03	-562.3	492.0	747.1	2.45	0.84	7.58
3,532.0	17.80	151.80	3,418.4	3,178.65	-587.2	507.3	776.0	2.20	-0.32	7.05
3,628.0	17.60	149.60	3,509.8	3,087.19	-612.6	521.5	804.6	0.73	-0.21	-2.29
3,723.0	17.60	151.90	3,600.4	2,996.64	-637.7	535.6	832.7	0.73	0.00	2.42
3,819.0	17.90	147.50	3,691.8	2,905.20	-662.9	550.3	861.5	1.43	0.31	-4.58
3,914.0	17.50	139.10	3,782.3	2,814.69	-686.1	567.5	890.2	2.72	-0.42	-8.84
4,010.0	17.30	141.40	3,873.9	2,723.08	-708.1	585.9	918.9	0.75	-0.21	2.40
4,105.0	18.20	141.40	3,964.4	2,632.60	-730.8	604.0	947.9	0.95	0.95	0.00
4,201.0	17.80	137.90	4,055.7	2,541.30	-753.4	623.2	977.5	1.20	-0.42	-3.65
4,296.0	18.10	137.60	4,146.1	2,450.92	-775.0	642.8	1,006.8	0.33	0.32	-0.32
4,392.0	18.80	134.60	4,237.1	2,359.85	-796.9	663.9	1,037.1	1.23	0.73	-3.12
4,487.0	18.60	131.40	4,327.1	2,269.87	-817.7	686.2	1,067.4	1.10	-0.21	-3.37
4,582.0	18.00	128.80	4,417.3	2,179.67	-836.9	709.0	1,096.8	1.07	-0.63	-2.74
4,678.0	17.10	142.80	4,508.9	2,088.10	-857.4	729.1	1,125.5	4.49	-0.94	14.58
4,773.0	16.00	128.40	4,600.0	1,997.00	-876.7	747.8	1,152.3	4.46	-1.16	-15.16
4,868.0	15.70	134.60	4,691.4	1,905.60	-893.9	767.2	1,178.0	1.81	-0.32	6.53

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well Jacks Draw Unit #20
Company:	Wexpro Company	**TVD Reference:**	Actual Kb @ 6597.0usft (SST-88)
Project:	Moffat County, Colorado	**MD Reference:**	Actual Kb @ 6597.0usft (SST-88)
Site:	Sec 28, T12N, R97W, 6 PM	**North Reference:**	True
Well:	Jacks Draw Unit #20	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	11255-159		
Design:	Final Surveys		

Survey

MD (usft)	Inc (°)	Azi (°)	TVD (usft)	SS (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,963.0	14.00	141.40	4,783.2	1,813.77	-911.9	783.5	1,202.3	2.56	-1.79	7.16
5,059.0	12.00	129.40	4,876.8	1,720.22	-927.3	798.5	1,223.7	3.49	-2.08	-12.50
5,154.0	10.40	128.60	4,970.0	1,627.03	-938.9	812.8	1,241.9	1.69	-1.68	-0.84
5,250.0	9.20	132.30	5,064.6	1,532.43	-949.5	825.3	1,258.0	1.41	-1.25	3.85
5,345.0	8.40	140.00	5,158.5	1,438.55	-959.9	835.4	1,272.5	1.50	-0.84	8.11
5,440.0	7.70	140.90	5,252.5	1,344.48	-970.2	843.8	1,285.8	0.75	-0.74	0.95
5,534.0	7.00	140.30	5,345.7	1,251.26	-979.5	851.5	1,297.8	0.75	-0.74	-0.64
5,629.0	5.40	139.80	5,440.2	1,156.82	-987.3	858.0	1,308.1	1.69	-1.68	-0.53
5,724.0	5.00	138.30	5,534.8	1,062.21	-993.8	863.7	1,316.7	0.44	-0.42	-1.58
5,820.0	4.00	141.90	5,630.5	966.50	-999.6	868.5	1,324.2	1.08	-1.04	3.75
5,915.0	3.90	145.10	5,725.3	871.73	-1,004.8	872.4	1,330.7	0.25	-0.11	3.37
6,011.0	2.50	140.30	5,821.1	775.88	-1,009.1	875.6	1,336.1	1.48	-1.46	-5.00
6,106.0	2.60	135.60	5,916.0	680.98	-1,012.3	878.5	1,340.3	0.24	0.11	-4.95
6,202.0	1.20	126.30	6,012.0	585.03	-1,014.4	880.8	1,343.4	1.49	-1.46	-9.69
6,297.0	1.10	129.10	6,106.9	490.05	-1,015.6	882.3	1,345.3	0.12	-0.11	2.95
6,392.0	1.00	127.80	6,201.9	395.07	-1,016.7	883.7	1,347.0	0.11	-0.11	-1.37
6,488.0	1.40	138.40	6,297.9	299.09	-1,018.1	885.1	1,349.0	0.47	0.42	11.04
6,583.0	0.50	157.00	6,392.9	204.10	-1,019.3	886.0	1,350.6	0.99	-0.95	19.58
6,679.0	0.50	208.50	6,488.9	108.10	-1,020.1	886.0	1,351.1	0.45	0.00	53.65
6,774.0	0.40	202.00	6,583.9	13.11	-1,020.7	885.7	1,351.4	0.12	-0.11	-6.84
6,870.0	0.30	160.90	6,679.9	-82.89	-1,021.3	885.6	1,351.8	0.27	-0.10	-42.81
Last MWD Survey										
6,965.0	**0.20**	**139.80**	**6,774.9**	**-177.89**	**-1,021.6**	**885.8**	**1,352.2**	**0.14**	**-0.11**	**-22.21**
TD Extrapolation										
7,023.0	**0.20**	**139.80**	**6,832.9**	**-235.89**	**-1,021.8**	**886.0**	**1,352.4**	**0.00**	**0.00**	**0.00**

Casing Points

MD (usft)	TVD (usft)	Name	Casing Diameter (")	Hole Diameter (")
1,535.0	1,519.3	9-5/8" Surface Csg	9-5/8	12-1/4

Survey Annotations

MD (usft)	TVD (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
162.0	162.0	0.4	-0.6	Tie-In Pt
1,535.0	1,519.3	-118.6	110.6	9-5/8" Surface Csg
6,965.0	6,774.9	-1,021.6	885.8	Last MWD Survey
7,023.0	6,832.9	-1,021.8	886.0	TD Extrapolation

Job Number: 11255-159	**State/Country: Moffat County, Colorado**
Company: Wexpro Company	**Declination:**
Lease/Well: Jacks Draw Unit #20	**Grid:**
Location: Sec 28, T12N, R97W, 6 PM	**File name: P:\WEXPRO\130F8~1.SVY**
Rig Name: SST-88	**Date/Time: 25-Oct-11 / 15:08**
RKB: 6,597.0 Ft (Actual)	**Curve Name: Wexpro Jacks Draw Unit #20: Final Surveys**
G.L. or M.S.L.: 6,569.0 Ft	

"Wexpro Jacks Draw Unit #20: Final Surveys"

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 139.30
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	CLOSURE Direction Deg	Dogleg Severity Deg/100
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
Tie-In Pt.									
162.00	.50	304.40	162.00	.40	-.58	-.68	.71	304.40	.31
252.00	.20	301.00	252.00	.70	-1.04	-1.21	1.26	303.98	.33
344.00	1.60	140.80	343.99	-.21	-.37	-.08	.42	240.20	1.95
435.00	2.50	131.40	434.93	-2.51	1.92	3.16	3.16	142.50	1.05
526.00	3.10	130.80	525.82	-5.43	5.28	7.56	7.57	135.82	.66
618.00	3.20	134.80	617.68	-8.86	8.98	12.58	12.62	134.62	.26
709.00	4.30	152.50	708.49	-13.68	12.36	18.43	18.43	137.90	1.74
800.00	4.00	145.00	799.25	-19.30	15.75	24.91	24.92	140.78	.68
896.00	5.90	149.50	894.89	-26.30	20.18	33.10	33.15	142.50	2.02
991.00	7.10	142.10	989.27	-35.14	26.26	43.77	43.87	143.22	1.54
1087.00	8.90	136.60	1084.34	-45.22	35.01	57.11	57.19	142.25	2.04
1182.00	11.30	132.30	1177.86	-56.82	46.95	73.69	73.71	140.44	2.65
1277.00	13.10	132.90	1270.71	-70.42	61.72	93.63	93.64	138.77	1.90
1373.00	15.10	133.10	1363.81	-86.37	78.82	116.88	116.93	137.62	2.08
1465.00	16.50	134.80	1452.34	-103.76	96.84	141.82	141.93	136.98	1.60
9-5/8 Surface Csg									
1535.00	17.15	139.29	1519.34	-118.59	110.63	162.05	162.18	136.99	2.07
1624.00	18.10	144.50	1604.17	-139.79	127.21	188.94	189.01	137.70	2.07
1719.00	17.90	148.10	1694.52	-164.20	143.50	218.06	218.07	138.85	1.19
1815.00	18.60	136.60	1785.72	-187.86	161.82	247.94	247.94	139.26	3.82
1910.00	18.80	146.50	1875.73	-211.64	180.68	278.27	278.27	139.51	3.34
2006.00	19.10	151.40	1966.53	-238.33	196.74	308.98	309.04	140.46	1.69

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E Distance FT	Direction Deg	Dogleg Severity Deg/100
2101.00	18.80	148.10	2056.39	-264.97	212.27	339.30	339.51	141.30	1.17
2197.00	18.40	144.40	2147.38	-290.42	229.27	369.68	370.01	141.71	1.30
2292.00	17.70	124.30	2237.79	-310.77	249.94	398.60	398.81	141.19	6.57
2387.00	17.80	135.90	2328.30	-329.34	271.99	427.05	427.13	140.45	3.72
2483.00	18.40	127.10	2419.56	-349.02	294.29	456.51	456.53	139.86	2.91
2578.00	18.30	134.40	2509.74	-368.51	316.90	486.03	486.03	139.31	2.42
2673.00	18.10	130.80	2599.99	-388.58	338.73	515.49	515.50	138.92	1.20
2769.00	17.90	138.30	2691.31	-409.35	359.84	544.99	545.02	138.68	2.42
2864.00	17.50	140.00	2781.81	-431.19	378.73	573.87	573.90	138.71	.69
2959.00	17.70	135.80	2872.37	-452.49	397.98	602.57	602.60	138.67	1.35
3055.00	17.70	141.80	2963.83	-474.42	417.18	631.72	631.75	138.67	1.90
3150.00	17.20	136.60	3054.46	-495.97	435.77	660.18	660.21	138.70	1.72
3246.00	18.00	140.30	3145.97	-517.70	454.99	689.19	689.23	138.69	1.43
3342.00	17.30	137.90	3237.45	-539.70	474.04	718.29	718.33	138.71	1.05
3437.00	18.10	145.10	3327.97	-562.29	491.95	747.09	747.12	138.82	2.45
3532.00	17.80	151.80	3418.35	-587.19	507.26	775.96	775.96	139.18	2.20
3628.00	17.60	149.60	3509.81	-612.64	521.54	804.56	804.57	139.59	.73
3723.00	17.60	151.90	3600.36	-637.70	535.57	832.71	832.77	139.97	.73
3819.00	17.90	147.50	3691.80	-662.95	550.34	861.48	861.61	140.30	1.43
3914.00	17.50	139.10	3782.31	-686.06	567.54	890.22	890.38	140.40	2.72
4010.00	17.30	141.40	3873.92	-708.13	585.89	918.91	919.08	140.40	.75
4105.00	18.20	141.40	3964.40	-730.76	603.96	947.86	948.04	140.43	.95
4201.00	17.80	137.90	4055.70	-753.37	623.15	977.51	977.69	140.40	1.20
4296.00	18.10	137.60	4146.08	-775.04	642.84	1006.78	1006.94	140.33	.33
4392.00	18.80	134.60	4237.15	-796.91	663.91	1037.10	1037.23	140.20	1.23
4487.00	18.60	131.40	4327.13	-817.68	686.17	1067.36	1067.44	140.00	1.10
4582.00	18.00	128.80	4417.33	-836.90	708.98	1096.80	1096.83	139.73	1.07
4678.00	17.10	142.80	4508.90	-857.44	729.08	1125.49	1125.51	139.63	4.49
4773.00	16.00	128.40	4600.00	-876.71	747.79	1152.30	1152.31	139.54	4.46
4868.00	15.70	134.60	4691.40	-893.87	767.21	1177.97	1177.97	139.36	1.81
4963.00	14.00	141.40	4783.23	-911.88	783.53	1202.26	1202.27	139.33	2.56
5059.00	12.00	129.40	4876.78	-927.29	798.49	1223.71	1223.71	139.27	3.49
5154.00	10.40	128.60	4969.97	-938.91	812.82	1241.86	1241.87	139.12	1.69
5250.00	9.20	132.30	5064.57	-949.48	825.27	1257.99	1258.01	139.00	1.41
5345.00	8.40	140.00	5158.45	-959.91	835.35	1272.47	1272.49	138.97	1.50
5440.00	7.70	140.90	5252.52	-970.16	843.83	1285.77	1285.79	138.98	.75
5534.00	7.00	140.30	5345.74	-979.46	851.46	1297.79	1297.81	139.00	.75
5629.00	5.40	139.80	5440.18	-987.33	858.04	1308.05	1308.07	139.01	1.69
5724.00	5.00	138.30	5534.79	-993.83	863.68	1316.66	1316.68	139.01	.44
5820.00	4.00	141.90	5630.50	-999.59	868.53	1324.19	1324.21	139.01	1.08
5915.00	3.90	145.10	5725.27	-1004.85	872.42	1330.71	1330.73	139.04	.25
6011.00	2.50	140.30	5821.12	-1009.14	875.63	1336.06	1336.07	139.05	1.48
6106.00	2.60	135.60	5916.02	-1012.27	878.46	1340.28	1340.29	139.05	.24
6202.00	1.20	126.30	6011.97	-1014.42	880.79	1343.43	1343.44	139.03	1.49
6297.00	1.10	129.10	6106.95	-1015.59	882.30	1345.30	1345.31	139.02	.12

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E Distance FT	Direction Deg	Dogleg Severity Deg/100
6392.00	1.00	127.80	6201.93	-1016.67	883.66	1347.01	1347.02	139.00	.11
6488.00	1.40	138.40	6297.91	-1018.06	885.10	1349.00	1349.02	139.00	.47
6583.00	.50	157.00	6392.90	-1019.31	886.04	1350.56	1350.57	139.00	.99
6679.00	.50	208.50	6488.90	-1020.06	886.00	1351.10	1351.12	139.02	.45
6774.00	.40	202.00	6583.89	-1020.73	885.68	1351.40	1351.41	139.05	.12
6870.00	.30	160.90	6679.89	-1021.28	885.63	1351.79	1351.80	139.07	.27
Last MWD Survey									
6965.00	.20	139.80	6774.89	-1021.64	885.82	1352.19	1352.20	139.07	.14
TD Extrapolation									
7023.00	.20	139.80	6832.89	-1021.80	885.95	1352.39	1352.40	139.07	.00