

32374



Job Number:
 Company: Devon Energy Production Co.
 Lease/Well: NEBU #461A
 Location: San Juan County
 Rig Name:
 RKB:
 G.L. or M.S.L.: 6350'

State/Country: New Mexico / USA
 Declination:
 Grid:
 File name: C:\DATA\CUST06\SURVEYS\TEMP\06163.SVY
 Date/Time: 22-Feb-06 / 08:54
 Curve Name: As Drilled

Sat: 710/N 1130/E Sec 12 30N 8W
 BHL 1589/N 652/W Sec 7 30N 7W
 Scientific Drilling

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 103.83
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

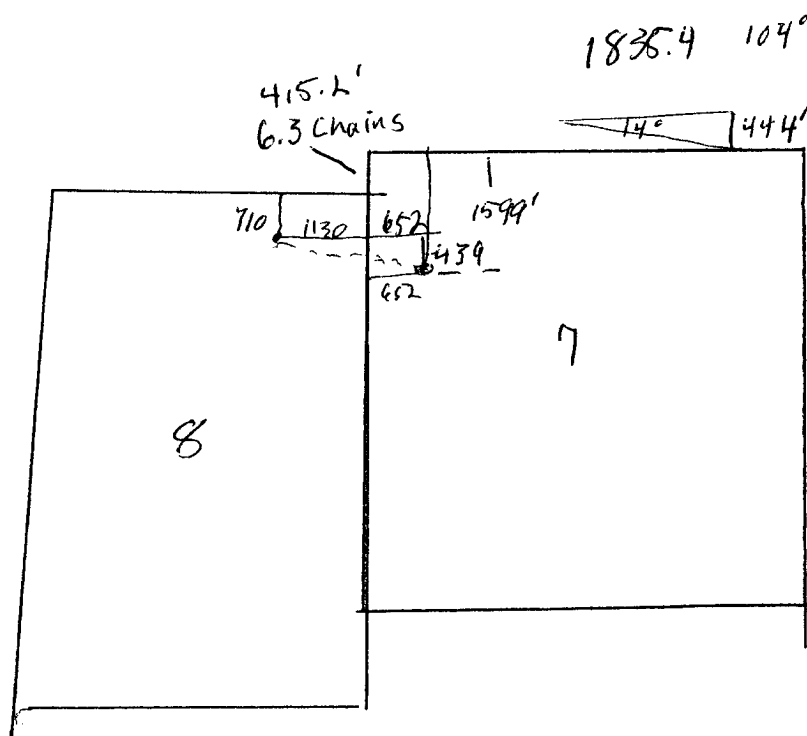


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Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	N-S FT	E-W FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
296.00	1.10	118.70	295.98	2.75	-1.36	2.49	2.84	118.70	.37
385.00	3.50	92.70	384.91	6.24	-1.90	5.96	6.25	107.72	2.87
475.00	7.30	100.30	474.49	14.64	-3.05	14.33	14.65	102.04	4.29
567.00	11.50	105.50	565.24	29.65	-6.55	28.92	29.66	102.76	4.65
661.00	15.60	103.40	656.60	51.67	-11.99	50.26	51.67	103.42	4.39
757.00	19.30	104.00	748.17	80.45	-18.82	78.22	80.45	103.53	3.86
851.00	23.50	104.90	835.67	114.74	-27.40	111.42	114.74	103.82	4.48
946.00	27.90	105.40	921.25	155.91	-38.18	151.17	155.91	104.17	4.64
1039.00	33.30	104.40	1001.27	203.23	-50.31	196.91	203.23	104.33	5.83
1132.00	39.50	104.70	1076.09	258.38	-64.18	250.30	258.39	104.38	6.67
1224.00	44.00	103.90	1144.71	319.63	-79.29	309.65	319.64	104.36	4.93
1318.00	49.50	104.20	1209.09	388.07	-95.92	376.04	388.08	104.31	5.86
1412.00	51.50	103.10	1268.88	460.59	-113.02	446.52	460.60	104.20	2.31
1506.00	51.70	103.70	1327.27	534.26	-130.09	518.18	534.26	104.09	.54
1600.00	52.20	104.70	1385.20	608.28	-148.25	589.94	608.28	104.11	.99
1692.00	50.80	104.60	1442.47	680.27	-166.46	659.60	680.28	104.16	1.52
1786.00	51.00	103.50	1501.76	753.21	-184.17	730.36	753.22	104.15	.93
1881.00	51.30	103.50	1561.35	827.20	-201.44	802.30	827.20	104.09	.32
1973.00	51.60	101.50	1618.69	899.12	-217.01	872.54	899.12	103.97	1.73
2068.00	50.30	102.30	1678.54	972.85	-232.22	944.73	972.85	103.81	1.52
2163.00	50.70	103.60	1738.97	1046.14	-248.65	1016.17	1046.15	103.75	1.14
2252.00	51.10	104.40	1795.10	1115.21	-265.36	1083.18	1115.21	103.77	.83
2345.00	51.80	104.20	1853.05	1187.94	-283.32	1153.66	1187.94	103.80	.77
2440.00	51.40	104.90	1912.06	1262.38	-302.03	1225.72	1262.38	103.84	.71

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Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	N-S FT	E-W FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
2533.00	52.00	105.40	1969.70	1335.35	-321.10	1296.17	1335.35	103.91	.77
2627.00	48.10	105.20	2030.05	1407.37	-340.12	1365.66	1407.38	103.98	4.15
2720.00	43.10	107.50	2095.10	1473.73	-358.76	1429.41	1473.74	104.09	5.66
2814.00	41.70	104.40	2164.52	1537.05	-376.19	1490.33	1537.07	104.17	2.68
2903.00	37.80	102.30	2232.94	1593.94	-389.37	1545.67	1593.96	104.14	4.63
2996.00	32.50	103.00	2308.96	1647.45	-401.07	1597.90	1647.47	104.09	5.72
3090.00	27.20	100.80	2390.46	1694.19	-410.78	1643.64	1694.20	104.03	5.76
3184.00	22.20	102.10	2475.83	1733.42	-418.54	1682.14	1733.42	103.97	5.35
3275.00	17.80	101.40	2561.32	1764.51	-424.89	1712.59	1764.52	103.93	4.84
3369.00	13.80	100.80	2651.75	1790.07	-429.84	1737.70	1790.07	103.89	4.26
3462.00	10.80	104.10	2742.61	1809.87	-434.04	1757.05	1809.87	103.88	3.31
3555.00	7.80	102.50	2834.38	1824.89	-437.53	1771.67	1824.89	103.87	3.24
3649.00	3.10	96.20	2927.93	1833.79	-439.18	1780.43	1833.79	103.86	5.03
Projected to Bit									
3690.00	1.45	93.99	2968.89	1835.40	-439.34	1782.05	1835.40	103.85	4.03



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