

30-045-32802

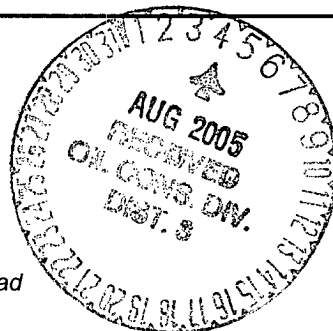


Job Number:
Company: Devon Energy
Lease/Well: NEBU 231 J
Location: San Juan County
Rig Name:
RKB:
G.L. or M.S.L.:

State/Country: New Mexico
Declination:
Grid:
File name: C:\CUST05\SURVEYS\DEVON\05189.SVY
Date/Time: 14-Jul-05 / 11:01
Curve Name: As Drilled

Surface 1670/S 690/W
BTC 1014/S 686/W

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 180.00
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead



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								
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
359.00	1.10	167.30	358.98	3.36	-3.36	.76	3.45	167.30	.31
454.00	3.70	188.80	453.89	7.28	-7.28	.49	7.30	176.16	2.85
548.00	6.20	181.40	547.53	15.35	-15.35	-.10	15.35	180.37	2.74
642.00	8.60	185.90	640.74	27.42	-27.42	-.95	27.44	181.98	2.62
736.00	10.90	184.70	733.38	43.27	-43.27	-2.40	43.34	183.17	2.46
830.00	12.50	185.10	825.42	62.26	-62.26	-4.03	62.39	183.70	1.70
924.00	12.30	183.60	917.23	82.39	-82.39	-5.56	82.58	183.86	.40
1015.00	13.60	178.80	1005.92	102.76	-102.76	-5.95	102.93	183.31	1.85
1109.00	13.50	179.50	1097.30	124.78	-124.78	-5.62	124.91	182.58	.20
1203.00	13.40	179.30	1188.72	146.64	-146.64	-5.39	146.74	182.11	.12
1294.00	13.40	178.70	1277.24	167.73	-167.73	-5.02	167.80	181.72	.15
1388.00	13.00	178.70	1368.76	189.19	-189.19	-4.54	189.24	181.37	.43
1482.00	13.10	176.80	1460.33	210.40	-210.40	-3.70	210.43	181.01	.47
1575.00	12.80	182.20	1550.97	231.21	-231.21	-3.51	231.24	180.87	1.34
1670.00	12.50	183.30	1643.66	251.99	-251.99	-4.50	252.03	181.02	.40
1764.00	12.00	180.90	1735.52	271.92	-271.92	-5.24	271.97	181.10	.76
1856.00	12.90	180.50	1825.36	291.75	-291.75	-5.48	291.80	181.08	.98
1950.00	13.60	174.60	1916.86	313.25	-313.25	-4.53	313.28	180.83	1.62
2044.00	13.50	173.20	2008.25	335.15	-335.15	-2.20	335.15	180.38	.36
2138.00	13.40	176.00	2099.67	356.91	-356.91	-.14	356.91	180.02	.70

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	
2233.00	13.30	177.60	2192.10	378.81	-378.81	1.09	378.81	179.84	.40
2324.00	12.40	180.10	2280.82	399.03	-399.03	1.51	399.04	179.78	1.16
2418.00	13.40	181.00	2372.45	420.02	-420.02	1.30	420.02	179.82	1.09
2510.00	13.10	181.80	2462.00	441.10	-441.10	.79	441.10	179.90	.38
2605.00	11.50	183.10	2554.82	461.32	-461.32	-.06	461.32	180.01	1.71
2698.00	8.00	184.70	2646.46	477.03	-477.03	-1.09	477.03	180.13	3.77
2792.00	5.50	181.50	2739.80	488.05	-488.05	-1.75	488.05	180.21	2.69
2886.00	1.50	194.10	2833.61	493.75	-493.75	-2.16	493.76	180.25	4.31
2978.00	.60	220.70	2925.59	495.28	-495.28	-2.77	495.29	180.32	1.09
3070.00	.60	250.00	3017.59	495.81	-495.81	-3.54	495.83	180.41	.33
Projected to TD									
3128.00	.60	268.47	3075.58	495.93	-495.93	-4.13	495.94	180.48	.33

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