



Job Number:
Company: Devon Energy
Lease/Well: NEBU 417 A
Location: Rio Arriba County
Rig Name:
RKB:

State/Country: NM
Declination:
Grid:
File name: C:\DATA\CUST07\SURVEYS\07229.SVY
Date/Time: 20-Sep-07 / 07:39
Curve Name: As Drilled

G.L. or M.S.L.: 6365'
30-39-30214

Sur Face 1175/N 928/W
1071/N 1240/W

Inwell Inc.

TD 3000'

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 83.90
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

RCUD NOV 8 '07
OIL CONS. DIV.
DIST. 3

10-9-07

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
335.00	.80	291.80	334.99	.87	-2.17	-2.07	2.34	291.80	.24
428.00	.70	351.60	427.98	1.67	-2.86	-2.66	3.31	300.33	.81
520.00	1.90	42.20	519.96	3.36	-1.91	-1.55	3.87	330.30	1.69
612.00	4.00	60.20	611.83	6.08	1.89	2.53	6.37	17.30	2.47
708.00	6.80	70.20	707.40	9.67	10.15	11.12	14.02	46.38	3.07
801.00	9.40	78.40	799.47	13.07	22.77	24.03	26.25	60.16	3.05
894.00	12.00	84.80	890.85	15.47	39.84	41.26	42.74	68.78	3.07
988.00	14.80	85.20	982.28	17.36	61.54	63.04	63.94	74.25	2.98
1081.00	16.10	85.80	1071.92	19.30	86.24	87.80	88.37	77.39	1.41
1175.00	17.80	86.40	1161.83	21.16	113.58	115.19	115.53	79.45	1.82
1268.00	18.80	85.00	1250.12	23.35	142.70	144.37	144.60	80.71	1.17
1362.00	19.20	85.20	1339.00	25.97	173.19	174.97	175.12	81.47	.43
1456.00	19.40	86.90	1427.72	28.10	204.18	206.01	206.11	82.16	.63
1550.00	18.90	86.20	1516.52	29.96	234.96	236.81	236.86	82.73	.59
1643.00	18.30	87.80	1604.66	31.52	264.58	266.43	266.45	83.21	.85
1737.00	17.90	87.00	1694.01	32.84	293.75	295.58	295.58	83.62	.50
1831.00	18.10	86.50	1783.41	34.49	322.75	324.59	324.59	83.90	.27
1924.00	16.20	86.50	1872.27	36.16	350.12	351.98	351.99	84.10	2.04
2017.00	15.30	85.00	1961.78	38.02	375.30	377.21	377.22	84.21	1.06
2108.00	13.70	83.50	2049.88	40.29	397.97	399.99	400.00	84.22	1.81
2201.00	12.00	82.50	2140.54	42.80	418.49	420.67	420.68	84.16	1.84
2295.00	10.70	81.50	2232.70	45.36	436.81	439.16	439.16	84.07	1.40
2389.00	10.50	80.40	2325.10	48.08	453.89	456.43	456.43	83.95	.30
2483.00	9.00	83.50	2417.74	50.34	469.64	472.33	472.33	83.88	1.69

File 'As Drilled' plat

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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		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
2577.00	8.00	87.50	2510.71	51.46	483.48	486.21	486.21	83.92	1.24
2671.00	6.20	86.50	2603.98	52.06	495.08	497.81	497.81	84.00	1.92
2765.00	4.70	83.20	2697.56	52.82	503.97	506.73	506.74	84.02	1.63
2856.00	2.90	86.20	2788.35	53.42	509.97	512.76	512.76	84.02	1.99
2948.00	1.50	80.90	2880.28	53.76	513.49	516.29	516.29	84.02	1.54

Projected to Bit									
3000.00	1.50	80.90	2932.26	53.98	514.83	517.65	517.65	84.01	.00

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