

MAY 06 2013

30-025-40627



Job Number: SVMO-130200
 Company: Yates Petroleum Corporation
 Lease/Well: BELFAST BSL STATE COM 001H
 Location: Lea County, NM
 Rig Name: Cactus #124
 RKB: 25'
 G.L. or M.S.L.: GL

State/Country: New Mexico/USA
 Declination: 7.37°
 Grid: East To Grid North
 File name: F:\SURVEY\2013SU~1\YATES\MO\BELFAS~1\001H.SVY
 Date/Time: 08-Apr-13 / 10:08
 Curve Name: Surface - 500' M.D. (Rate Gyro)

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 259.97
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	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
100.00	.22	236.83	100.00	-.11	-.16	.18	.19	236.83	.22
200.00	.31	215.32	200.00	-.43	-.48	.55	.64	227.96	.13
300.00	.38	210.07	300.00	-.94	-.80	.95	1.23	220.46	.08
400.00	.41	200.03	399.99	-1.56	-1.09	1.34	1.90	214.89	.08

Last Survey Depth Recorded									
500.00	.54	201.84	499.99	-2.34	-1.39	1.77	2.72	210.71	.13