



Job Number:
 Company: Concho Resources, Inc.
 Lease/Well: Slammin' Sammy Well #1
 Location: Lea County
 Rig Name:
 RKB:
 G.L. or M.S.L.:

State/Country: New Mexico
 Declination:
 Grid: True North
 File name: C:\WINSERVE\SUR\CONCHO\SAMMY1.SVY
 Date/Time: 14-Mar-01 / 13:02
 Curve Name: Preliminary Plan

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 230.84
 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	Direction Deg	Dogleg Severity Deg/100
Kick-off Point									
9200.00	.00	230.84	9200.00	.00	.00	.00	.00	.00	.00
9300.00	2.00	230.84	9299.98	-1.10	-1.35	1.75	1.75	230.84	2.00
9400.00	4.00	230.84	9399.84	-4.41	-5.41	6.98	6.98	230.84	2.00
9500.00	6.00	230.84	9499.45	-9.91	-12.17	15.69	15.69	230.84	2.00
9600.00	8.00	230.84	9598.70	-17.60	-21.62	27.88	27.88	230.84	2.00
9700.00	10.00	230.84	9697.47	-27.48	-33.75	43.52	43.52	230.84	2.00
9800.00	12.00	230.84	9795.62	-39.53	-48.54	62.60	62.60	230.84	2.00
9900.00	14.00	230.84	9893.06	-53.73	-65.99	85.10	85.10	230.84	2.00
10000.00	16.00	230.84	9989.64	-70.07	-86.06	110.98	110.98	230.84	2.00
10100.00	18.00	230.84	10085.27	-88.53	-108.73	140.21	140.21	230.84	2.00
10200.00	20.00	230.84	10179.82	-109.09	-133.97	172.77	172.77	230.84	2.00
10300.00	22.00	230.84	10273.17	-131.72	-161.76	208.60	208.60	230.84	2.00
10400.00	24.00	230.84	10365.21	-156.39	-192.06	247.67	247.67	230.84	2.00
10500.00	26.00	230.84	10455.84	-183.07	-224.83	289.93	289.93	230.84	2.00
10600.00	28.00	230.84	10544.94	-211.74	-260.03	335.33	335.33	230.84	2.00
10700.00	30.00	230.84	10632.39	-242.35	-297.62	383.81	383.81	230.84	2.00
10800.00	32.00	230.84	10718.11	-274.87	-337.56	435.31	435.31	230.84	2.00
10900.00	34.00	230.84	10801.97	-309.25	-379.79	489.77	489.77	230.84	2.00
End of Build									
10931.98	34.64	230.84	10828.38	-320.64	-393.77	507.80	507.80	230.84	2.00
Target									
11626.75	34.64	230.84	11400.00	-570.00	-700.00	902.72	902.72	230.84	.00