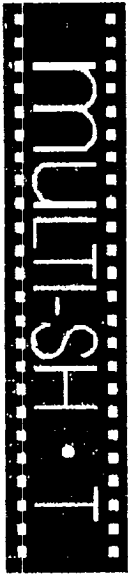


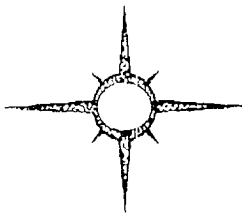
Company: Rubicon O. & G. c/o Ramey Petro. Consult.
Lease/Well: Newman St. #1
Location: Lea County
State/Country: New Mexico

Rubicon O & G c/o Ramey Petro. Consultants

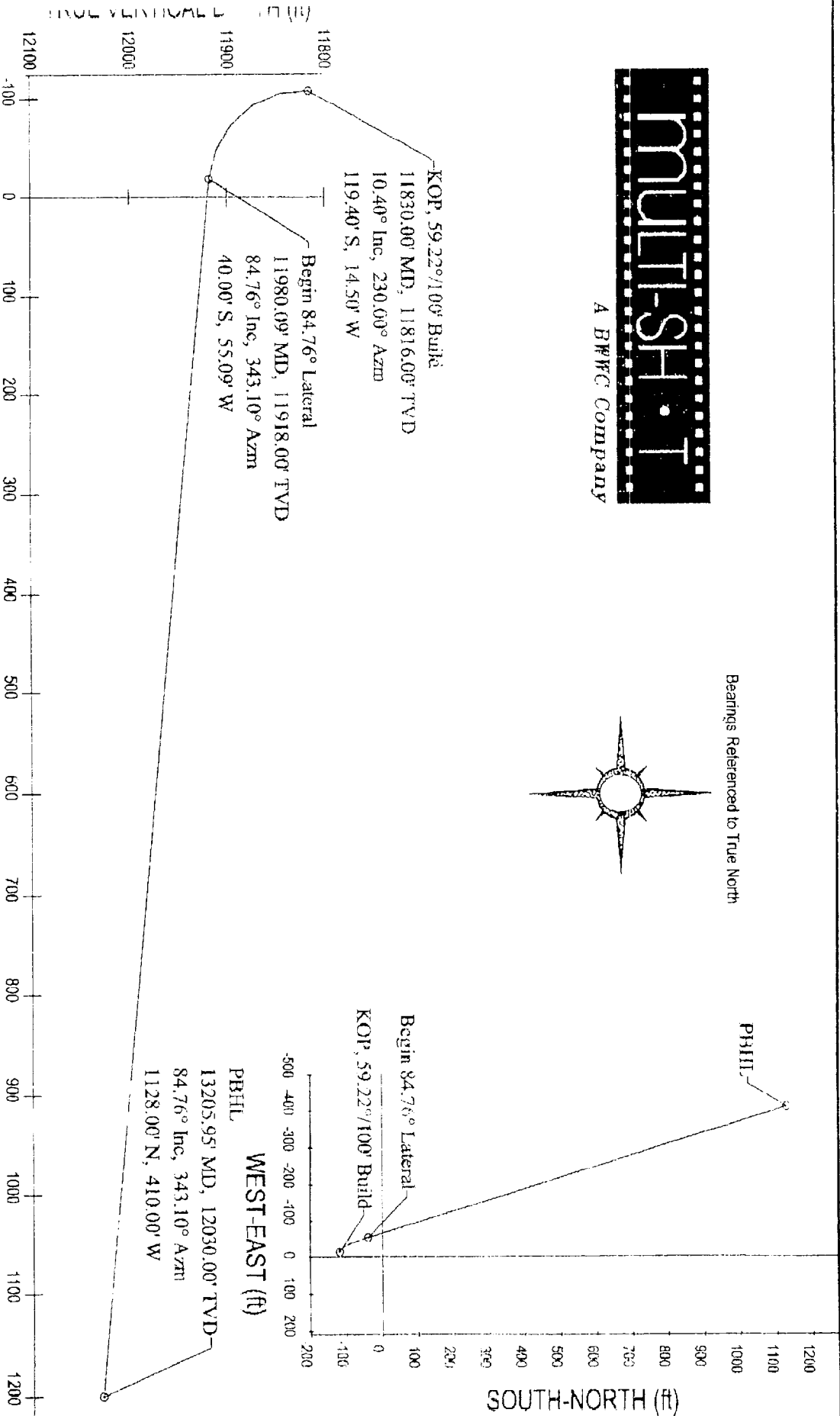
Date: 06/18/02
Rig Name: Unknown
Grid: Referenced to True North
Declination:



A BWWC Company



Bearings Referenced to True North



Drawn By: CLD

VERTICAL SECTION (ft) @ 340.03° Azm

Prop Rev 2
P01357r2.dwg



Job Number: P01-357
 Company: Rubicon Oil & Gas
 Lease/Well: Newnan St. #1
 Location: Lea County
 Rig Name: Unknown
 RKB:
 G.L. or M.S.L.:

State/Country: New Mexico
 Declination:
 Grid: Referenced to True North
 File name: F:\WELLPL-1\2001\P01350\S\P01357\01357.SVY
 Date/Time: 18-Jun-02 / 14:24
 Curve Name: Prop Rev 2

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 340.03
 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	Dogleg Severity Deg/100	CLOSURE Distance FT	Direction Deg
KOP, 59.22°/100' Build									
11830.00	10.40	230.00	11816.00	-119.40	-14.50	-107.27	.00	120.28	186.92
11860.00	16.52	309.54	11845.37	-113.42	-19.91	-104.31	59.22	120.08	189.54
11890.00	32.60	328.78	11872.61	-108.71	-27.44	-92.80	59.22	112.12	194.17
11920.00	49.77	335.83	11895.11	-91.21	-36.40	-73.30	59.22	98.21	201.75
11950.00	67.20	339.94	11910.74	-67.59	-45.91	-47.85	59.22	61.70	214.18
11980.00	84.70	343.09	11917.99	-40.09	-55.07	-18.87	59.22	68.11	233.95
Begin 84.76° Lateral									
11980.09	84.76	343.10	11918.00	-40.00	-55.09	-18.78	59.22	68.08	234.02
PBHL									
13205.95	84.76	343.10	12030.00	1128.00	410.00	1200.20	.00	1200.20	340.03