

SCIENTIFIC DRILLING

Planning Report

Company: POGO Field: Shugart Site: Eddy County, NM Well: Shugart 6 Com #1 Wellpath: Plan #1	Date: 5/3/2000 Time: 11:23:16 Page: 1 Co-ordinate(NE) Reference: Site: Eddy County, NM, True North Vertical (TVD) Reference: SITE 0.0 above Mean Sea Level Section (VS) Reference: Slot (0.0E,0.0N,180.0Azi) Plan: Plan #1
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Field: Shugart Map Projection & Zone: Ellipsoid: Field Datum: Mean Sea Level	Local Coordinate Reference: Site Centre Location of Field Centre: N/A Field Centre Map Easting: m Field Centre Map Northing: m Direction of Local North: True Local Vertical Reference: Wellpath Datum Geomagnetic Model: WMM_95
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Site: Eddy County, NM

Site Centre: m E
 m N

Latitude
Longitude

Site Water Depth: 0.0 ft

Magnetic Declination: 0.00 deg
Grid Convergence: 0.00 deg

Measured Depths Referenced To: SITE 0.0 ft above: Mean Sea Level

Well: Shugart 6 Com #1
Directional

Originating From:	0.0 ft +N/-S	Map Easting :	0.00 m
	0.0 ft +E/-W	Map Northing:	0.00 m

Wellpath: Plan #1
Plan - 240'S of due surface

Origin of Vertical Section: Slot 0.0 ft +N/-S
 0.0 ft +E/-W

Direction of Vertical Section: 180.00 deg

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS d/100ft	Build d/100ft	Turn d/100ft	TFO deg	Target
8500.0	0.00	0.00	8500.0	0.0	0.0	0.00	0.00	0.00	0.00	
8845.3	6.91	180.00	8844.5	-20.8	0.0	2.00	2.00	0.00	0.00	
10322.6	6.91	180.00	10311.0	-198.4	0.0	0.00	0.00	0.00	0.00	
11013.2	0.00	0.00	11000.0	-240.0	0.0	1.00	-1.00	0.00	180.00	Target #1
12513.2	0.00	0.00	12500.0	-240.0	0.0	0.00	0.00	0.00	0.00	

Section 1 : OPT AL DLS Part 1 Build 2.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS d/100ft	Build d/100ft	Turn d/100ft	TFO deg
8500.0	0.00	0.00	8500.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
8600.0	2.00	180.00	8600.0	-1.7	0.0	1.7	2.00	2.00	0.00	0.00
8700.0	4.00	180.00	8699.8	-7.0	0.0	7.0	2.00	2.00	0.00	0.00
8800.0	6.00	180.00	8799.5	-15.7	0.0	15.7	2.00	2.00	0.00	0.00
8845.3	6.91	180.00	8844.5	-20.8	0.0	20.8	2.00	2.00	0.00	0.00

Section 2 : OPT AL DLS Part 2 Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS d/100ft	Build d/100ft	Turn d/100ft	TFO deg
8900.0	6.91	180.00	8898.8	-27.4	0.0	27.4	0.00	0.00	0.00	180.00
9000.0	6.91	180.00	8998.0	-39.4	0.0	39.4	0.00	0.00	0.00	180.00
9100.0	6.91	180.00	9097.3	-51.4	0.0	51.4	0.00	0.00	0.00	180.00
9200.0	6.91	180.00	9196.6	-63.4	0.0	63.4	0.00	0.00	0.00	180.00
9300.0	6.91	180.00	9295.9	-75.5	0.0	75.5	0.00	0.00	0.00	180.00
9400.0	6.91	180.00	9395.1	-87.5	0.0	87.5	0.00	0.00	0.00	180.00
9500.0	6.91	180.00	9494.4	-99.5	0.0	99.5	0.00	0.00	0.00	180.00

