



Scientific Drilling International

Logging Report

405 842 7885 P. 04/06

Company: RICKS EXPLORATION
Field: EDDY COUNTY N. M.
Site: SECTION 5-22S-28E
Well: LANCASTER SPRINGS #4
Wellpath: ORIGINAL WELL

Date: 05/22/2001 Time: 10:28:27 Page: 1
Co-ordinate(N/E) Reference: Well: LANCASTER SPRINGS #4, True North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N, 0.00E, 154.54Az)
Plan: Plan #1

Field: EDDY COUNTY N. M.

Map System:
Geo Datum:
Sys Datum: Mean Sea Level

Map Zone:
Coordinate System: Well Centre
Geomagnetic Model: igr2000

Site: SECTION 5-22S-28E

Site Position:
From: Local Only
Position Uncertainty: 0.0 ft
Ground Level: 0.0 ft
Northing: Easting: ft
Latitude: Longitude: ft
North Reference: True
Grid Convergence: deg

Well: LANCASTER SPRINGS #4

Star Name:

Well Position: +N-S 0.0 ft Northing: ft
+E-W 0.0 ft Easting: ft
Position Uncertainty: 0.0 ft
Latitude: Longitude: ft

Wellpath: ORIGINAL WELL

Current Datum: SITE
Magnetic Data: 05/22/2001 Height: 0.0 ft
Field Strength: 49717 nT
Vertical Section: Depth From (TVD) ft
+N-S ft
+E-W ft
Drilled From: Surface
Tie-on Depth: 0.0 ft
Above System Datum: Mean Sea Level
Declination: 9.07 deg
Mag Dip Angle: 60.44 deg
Direction: deg
0.0 0.0 0.0 154.54

Plan: Plan #1
Principal: PLAN #1 LANCASTER SPRINGS #4
Yes

Date Computed: 05/22/2001
Version: 1
Tied-to: From Surface

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N-S ft	+E-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.0	0.00	154.54	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
5155.4	0.00	154.54	5155.4	0.0	0.0	0.00	0.00	0.00	0.00	
6155.4	20.00	154.54	6135.3	-156.0	74.3	2.00	2.00	0.00	0.00	
9225.5	20.00	154.54	9020.2	-1104.0	525.7	0.00	0.00	0.00	0.00	154.54
10225.5	0.00	154.54	10000.0	-1260.0	600.0	2.00	-2.00	0.00	0.00	
11925.5	0.00	154.54	11700.0	-1260.0	600.0	0.00	0.00	0.00	154.54	TARGET #1

Section 1: Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N-S ft	+E-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.0	0.00	154.54	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
5000.0	0.00	154.54	5000.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
5100.0	0.00	154.54	5100.0	0.0	0.0	0.0	0.00	0.00	0.00	154.54

Section 2: Start Build 2.00

MD ft	Incl deg	Azim deg	TVD ft	+N-S ft	+E-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5155.4	0.00	154.54	5155.4	0.0	0.0	0.0	0.00	0.00	0.00	154.54
5200.0	0.89	154.54	5200.0	-0.3	0.1	0.3	2.00	2.00	0.00	0.00
5300.0	2.89	154.54	5299.9	-3.3	1.6	3.8	2.00	2.00	0.00	0.00
5400.0	4.89	154.54	5399.7	-8.4	4.5	10.4	2.00	2.00	0.00	0.00
5500.0	6.89	154.54	5499.2	-14.7	8.9	20.7	2.00	2.00	0.00	0.00
5600.0	8.89	154.54	5598.2	-31.1	14.8	34.4	2.00	2.00	0.00	0.00
5700.0	10.89	154.54	5696.7	-48.6	22.2	51.6	2.00	2.00	0.00	0.00
5800.0	12.89	154.54	5794.6	-65.2	31.0	72.2	2.00	2.00	0.00	0.00
5900.0	14.89	154.54	5891.8	-86.9	41.4	96.2	2.00	2.00	0.00	0.00
6000.0	16.89	154.54	5987.8	-111.6	53.1	123.6	2.00	2.00	0.00	0.00