



Scientific Drilling International Survey Completion Report

Company: RICKS EXPLORATION
Field: EDDY COUNTY N. M.
Site: SECTION 5-22S-26E
Well: LANCASTER SPRINGS #4
Wellpath: ORIGINAL WELL

Date: 08/02/2001
Co-ordinate(NE) Reference: Well: LANCASTER SPRINGS #4, True North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,156.68Azi)
Survey Calculation Method: Minimum Curvature **Db:** Sybase

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Survey: LANCASTER SPRINGS #4
 Lancaster Springs #4
Company: Scientific Drilling Internatio
Tool:

Start Date: 07/03/2001
Engineer: Johnny Jones
Tied-to: User Defined

Field: EDDY COUNTY N. M.

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

Map Zone:
Coordinate System: Well Centre
Geomagnetic Model: igrf2000

Site: SECTION 5-22S-26E

Site Position:
From: Local Only
Position Uncertainty: 0.0 ft
Ground Level: 0.0 ft

Northing: ft
Easting: ft
Latitude:
Longitude:
North Reference: True
Grid Convergence: deg

Well: LANCASTER SPRINGS #4 **Slot Name:**

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

Wellpath: ORIGINAL WELL
Current Datum: SITE
Magnetic Data: 05/22/2001
Field Strength: 49717 nT
Vertical Section: Depth From (TVD) ft
Height 0.0 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
+E/-W ft
Direction deg

0.0 0.0 0.0 156.68

Survey

Stn	MD ft	Incl deg	Azim deg	CLen ft	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
1	0.0	0.00	156.68	0.0	0.0	0.0	0.0	0.0	0.00	0.0	0.00
2	2427.0	0.40	187.70	2427.0	2427.0	7.3	-8.4	-1.1	0.02	8.5	187.70
3	2709.0	0.30	216.50	282.0	2709.0	8.5	-10.0	-1.7	0.07	10.1	189.72
4	2989.0	0.30	197.20	280.0	2989.0	9.4	-11.3	-2.4	0.04	11.5	191.84
5	3272.0	0.40	182.10	283.0	3272.0	10.9	-12.9	-2.6	0.05	13.2	191.41
6	3553.0	0.30	187.90	281.0	3553.0	12.4	-14.7	-2.8	0.04	14.9	190.63
7	3836.0	0.10	93.80	283.0	3836.0	13.1	-15.4	-2.6	0.11	15.6	189.60
8	4116.0	0.20	313.90	280.0	4116.0	12.8	-15.1	-2.7	0.10	15.3	190.20
9	4396.0	0.20	339.70	280.0	4396.0	11.8	-14.3	-3.2	0.03	14.7	192.76
10	4673.0	0.50	348.90	277.0	4673.0	10.2	-12.6	-3.6	0.11	13.2	196.04
11	4953.0	0.80	349.10	280.0	4952.9	7.1	-9.5	-4.2	0.11	10.4	203.99
12	5233.0	0.80	8.00	280.0	5232.9	3.5	-5.7	-4.3	0.09	7.1	217.40
13	5517.0	1.20	5.00	284.0	5516.9	-0.8	-0.7	-3.8	0.14	3.9	258.86
14	5578.0	1.70	359.30	61.0	5577.8	-2.2	0.8	-3.8	0.85	3.8	281.89
15	5612.0	1.50	354.60	34.0	5611.8	-3.1	1.7	-3.8	0.70	4.2	294.55
16	5643.0	1.20	341.20	31.0	5642.8	-3.8	2.5	-4.0	1.40	4.6	301.81
17	5675.0	0.90	347.00	32.0	5674.8	-4.4	3.0	-4.1	0.99	5.1	306.21
18	5705.0	0.60	310.50	30.0	5704.8	-4.8	3.3	-4.3	1.83	5.4	307.95
19	5737.0	0.70	220.70	32.0	5736.8	-4.8	3.3	-4.5	2.88	5.6	306.04
20	5768.0	1.50	194.70	31.0	5767.8	-4.4	2.8	-4.8	2.98	5.5	300.14
21	5800.0	3.00	189.00	32.0	5799.8	-3.4	1.5	-5.0	4.73	5.2	287.06
22	5831.0	4.10	191.70	31.0	5830.7	-1.8	-0.4	-5.4	3.59	5.4	266.26
23	5862.0	4.30	191.00	31.0	5861.6	0.1	-2.6	-5.8	0.67	6.4	246.07
24	5894.0	4.80	190.10	32.0	5893.5	2.2	-5.1	-6.3	1.58	8.1	231.02