

30-015-37371

DEVON ENERGY

Harroun
Eddy County, NM
Laguna Salado 22 Federal #6H
VH - Job #32K0111061

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Survey: Actual

SDI Standard Survey Report

27 January, 2011

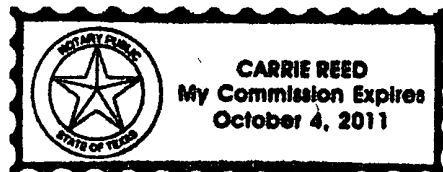
This survey is correct to the best of my knowledge and is supported by actual field data.

[Signature]

Notarized this date 27th of January, 2011.

[Signature]

Notary Signature
County of Midland
State of Texas



Scientific Drilling International, Inc.
SDI Standard Survey Report

Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Laguna Salado 22 Federal #6H
Project:	Harroun	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	Eddy County, NM	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Well:	Laguna Salado 22 Federal #6H	North Reference:	Grid
Wellbore:	VH - Job #32K0111061	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0111061	Database:	EDM-Regulatory

Project	Harroun		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Eddy County, NM		
Site Position:		Northing:	471,084.50 usft
From:	Lat/Long	Easting:	611,315.64 usft
Position Uncertainty:	0.0 usft	Slot Radius:	0"
		Latitude:	32° 17' 40.610 N
		Longitude:	103° 58' 23.120 W
		Grid Convergence:	0.19 °

Well	Laguna Salado 22 Federal #6H, Directional (Great White)		
Well Position	+N/-S	0.0 usft	Northing: 471,084.50 usft
	+E/-W	0.0 usft	Easting: 611,315.64 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 17' 40.610 N
		Longitude:	103° 58' 23.120 W
		Ground Level:	0.0 usft

Wellbore	VH - Job #32K0111061				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2010	1/22/2011	7.88	60.20	48,711

Design	VH - Job #32K0111061			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 6,050.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	150.32

Survey Program	Date	1/27/2011		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
100.0	6,050.0	Actual (VH - Job #32K0111025)	Keeper	Keeper Gyro
6,055.0	8,509.3	Actual (VH - Job #32K0111061)	Keeper	Keeper Gyro

Survey							
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
6,050.0	0.86	251.78	6,048.8	-62.3	36.2	149.81	72.0
6,055.0	0.93	219.26	6,053.8	-62.3	36.2	149.87	72.0
6,060.0	0.90	214.50	6,058.8	-62.4	36.1	149.93	72.1
6,065.0	0.91	211.99	6,063.8	-62.4	36.1	149.99	72.1
6,070.0	0.91	206.97	6,068.8	-62.5	36.0	150.04	72.2
6,075.0	0.82	202.11	6,073.8	-62.6	36.0	150.09	72.2
6,080.0	0.80	207.16	6,078.8	-62.6	36.0	150.14	72.2
6,085.0	0.84	209.65	6,083.8	-62.7	35.9	150.18	72.3
6,090.0	0.90	193.42	6,088.8	-62.8	35.9	150.23	72.3
6,095.0	0.93	178.38	6,093.8	-62.9	35.9	150.27	72.4
6,100.0	1.04	167.79	6,098.8	-62.9	35.9	150.29	72.5

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Well:	Laguna Salado 22 Federal #6H	North Reference:	Grid
Wellbore:	VH - Job #32K0111061	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0111061	Database:	EDM-Regulatory

Survey							
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
6,105.0	1.15	159.30	6,103.8	-63.0	35.9	150.31	72.6
6,110.0	1.49	145.72	6,108.8	-63.1	36.0	150.31	72.7
6,115.0	1.79	136.50	6,113.8	-63.2	36.1	150.29	72.8
6,120.0	2.15	129.18	6,118.8	-63.4	36.2	150.25	73.0
6,125.0	2.53	124.66	6,123.8	-63.5	36.4	150.19	73.2
6,130.0	3.00	121.32	6,128.8	-63.6	36.6	150.10	73.4
6,135.0	3.50	118.60	6,133.8	-63.8	36.8	149.99	73.6
6,140.0	4.25	115.57	6,138.8	-63.9	37.1	149.85	73.9
6,145.0	4.81	113.59	6,143.8	-64.1	37.5	149.67	74.2
6,150.0	5.47	112.41	6,148.8	-64.2	37.9	149.47	74.6
6,155.0	6.35	111.13	6,153.7	-64.4	38.4	149.23	75.0
6,160.0	7.23	109.50	6,158.7	-64.6	38.9	148.94	75.5
6,165.0	7.98	109.08	6,163.7	-64.9	39.6	148.62	76.0
6,170.0	8.40	108.51	6,168.6	-65.1	40.2	148.28	76.5
6,175.0	8.89	107.63	6,173.6	-65.3	40.9	147.92	77.1
6,180.0	9.45	107.07	6,178.5	-65.6	41.7	147.54	77.7
6,185.0	10.15	106.50	6,183.4	-65.8	42.5	147.13	78.3
6,190.0	10.93	106.06	6,188.3	-66.1	43.4	146.70	79.0
6,195.0	11.78	105.96	6,193.2	-66.3	44.3	146.24	79.8
6,200.0	12.29	106.77	6,198.1	-66.6	45.3	145.76	80.6
6,205.0	12.88	105.47	6,203.0	-66.9	46.4	145.27	81.4
6,210.0	13.28	105.87	6,207.9	-67.2	47.5	144.77	82.3
6,215.0	13.98	105.81	6,212.7	-67.6	48.6	144.26	83.2
6,220.0	14.48	106.05	6,217.6	-67.9	49.8	143.74	84.2
6,225.0	15.14	106.12	6,222.4	-68.2	51.0	143.22	85.2
6,230.0	15.44	107.10	6,227.2	-68.6	52.3	142.70	86.3
6,235.0	15.68	106.35	6,232.1	-69.0	53.6	142.18	87.4
6,240.0	16.09	106.33	6,236.9	-69.4	54.9	141.66	88.5
6,245.0	16.31	106.96	6,241.7	-69.8	56.2	141.15	89.6
6,250.0	16.91	106.29	6,246.5	-70.2	57.6	140.64	90.8
6,255.0	17.27	107.21	6,251.2	-70.6	59.0	140.13	92.0
6,260.0	17.85	107.52	6,256.0	-71.1	60.4	139.63	93.3
6,265.0	17.71	107.87	6,260.8	-71.5	61.9	139.14	94.6
6,270.0	18.19	108.18	6,265.5	-72.0	63.4	138.66	95.9
6,275.0	18.33	107.36	6,270.3	-72.5	64.8	138.19	97.3
6,280.0	18.75	107.68	6,275.0	-73.0	66.4	137.72	98.6
6,285.0	19.17	108.55	6,279.7	-73.5	67.9	137.26	100.1
6,290.0	19.42	108.19	6,284.5	-74.0	69.5	136.81	101.5
6,295.0	19.76	108.08	6,289.2	-74.5	71.1	136.36	103.0
6,300.0	19.96	108.76	6,293.9	-75.1	72.7	135.92	104.5
6,305.0	20.25	108.97	6,298.6	-75.6	74.3	135.50	106.0
6,310.0	20.74	109.27	6,303.2	-76.2	76.0	135.09	107.6
6,315.0	21.40	109.77	6,307.9	-76.8	77.7	134.68	109.2
6,320.0	22.18	110.36	6,312.6	-77.4	79.4	134.28	110.9

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Site:	Eddy County, NM	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Well:	Laguna Salado 22 Federal #6H	North Reference:	Grid
Wellbore:	VH - Job #32K0111061	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0111061	Database:	EDM-Regulatory

Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
6,325.0	22.68	110.23	6,317.2	-78.1	81.2	133.89	112.6
6,330.0	22.90	110.77	6,321.8	-78.8	83.0	133.50	114.4
6,335.0	23.24	111.05	6,326.4	-79.5	84.8	133.13	116.2
6,340.0	23.78	111.39	6,331.0	-80.2	86.7	132.77	118.1
6,345.0	24.50	111.78	6,335.5	-80.9	88.6	132.42	120.0
6,350.0	25.24	112.23	6,340.1	-81.7	90.5	132.07	122.0
6,355.0	25.85	112.52	6,344.6	-82.5	92.5	131.74	124.0
6,360.0	26.16	112.59	6,349.1	-83.4	94.6	131.41	126.1
6,365.0	26.55	112.68	6,353.6	-84.2	96.6	131.09	128.2
6,370.0	26.84	112.59	6,358.0	-85.1	98.7	130.78	130.3
6,375.0	27.44	112.73	6,362.5	-86.0	100.8	130.47	132.5
6,380.0	28.03	112.90	6,366.9	-86.9	102.9	130.17	134.7
6,385.0	28.50	113.06	6,371.3	-87.8	105.1	129.88	137.0
6,390.0	28.78	113.09	6,375.7	-88.8	107.3	129.59	139.3
6,395.0	28.95	113.07	6,380.1	-89.7	109.5	129.31	141.6
6,400.0	29.15	113.14	6,384.4	-90.7	111.8	129.04	143.9
6,405.0	29.48	113.17	6,388.8	-91.6	114.0	128.78	146.3
6,410.0	29.95	113.22	6,393.1	-92.6	116.3	128.53	148.7
6,415.0	30.35	113.30	6,397.5	-93.6	118.6	128.27	151.1
6,420.0	30.73	113.42	6,401.8	-94.6	120.9	128.03	153.5
6,425.0	30.94	113.52	6,406.1	-95.6	123.3	127.79	156.0
6,430.0	31.21	113.65	6,410.4	-96.6	125.7	127.56	158.5
6,435.0	31.56	113.87	6,414.6	-97.7	128.0	127.34	161.0
6,440.0	32.20	114.06	6,418.9	-98.8	130.4	127.13	163.6
6,445.0	32.79	114.25	6,423.1	-99.9	132.9	126.92	166.2
6,450.0	33.31	114.49	6,427.3	-101.0	135.4	126.72	168.9
6,455.0	33.66	114.67	6,431.4	-102.1	137.9	126.53	171.6
6,460.0	33.93	114.87	6,435.6	-103.3	140.4	126.34	174.3
6,465.0	34.22	115.08	6,439.7	-104.5	143.0	126.16	177.1
6,470.0	34.71	115.23	6,443.9	-105.7	145.5	125.99	179.8
6,475.0	35.19	115.39	6,448.0	-106.9	148.1	125.82	182.7
6,480.0	35.73	115.53	6,452.0	-108.2	150.7	125.66	185.5
6,485.0	36.06	115.60	6,456.1	-109.4	153.4	125.51	188.4
6,490.0	36.46	115.62	6,460.1	-110.7	156.0	125.35	191.3
6,495.0	36.43	115.51	6,464.1	-112.0	158.7	125.21	194.2
6,500.0	36.87	115.45	6,468.1	-113.3	161.4	125.06	197.2
6,505.0	37.47	115.44	6,472.1	-114.6	164.1	124.91	200.2
6,510.0	37.97	115.42	6,476.1	-115.9	166.9	124.77	203.2
6,515.0	38.36	115.41	6,480.0	-117.2	169.7	124.63	206.2
6,520.0	38.66	115.34	6,483.9	-118.5	172.5	124.50	209.3
6,525.0	38.73	115.32	6,487.8	-119.9	175.3	124.36	212.4
6,530.0	39.00	115.41	6,491.7	-121.2	178.2	124.23	215.5
6,535.0	39.56	115.43	6,495.6	-122.6	181.0	124.10	218.6
6,540.0	40.14	115.44	6,499.4	-124.0	183.9	123.98	221.8
6,545.0	40.76	115.43	6,503.2	-125.3	186.8	123.86	225.0

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Project:	Harroun	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	Eddy County, NM	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Well:	Laguna Salado 22 Federal #6H	North Reference:	Gnd
Wellbore:	VH - Job #32K0111061	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0111061	Database:	EDM-Regulatory

Survey							
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
6,550.0	41 13	115.39	6,507.0	-126.8	189.8	123.74	228.2
6,555.0	41 50	115.33	6,510.8	-128.2	192.8	123.62	231.5
6,560.0	41 93	115.30	6,514.5	-129.6	195.8	123.50	234.8
6,565.0	42 52	115.32	6,518.2	-131.0	198.8	123.38	238.1
6,570.0	43 28	115.39	6,521.9	-132.5	201.9	123.27	241.5
6,575.0	44 03	115.47	6,525.5	-134.0	205.0	123.16	244.9
6,580.0	44 62	115.53	6,529.1	-135.5	208.2	123.05	248.4
6,585.0	45.14	115.50	6,532.6	-137.0	211.4	122.95	251.9
6,590.0	45 64	115.49	6,536.1	-138.5	214.6	122.84	255.4
6,595.0	46.12	115.63	6,539.6	-140.1	217.8	122.74	259.0
6,600.0	46.94	115.76	6,543.0	-141.6	221.1	122.65	262.6
6,605.0	47 70	115.88	6,546.4	-143.2	224.4	122.55	266.2
6,610.0	48 29	115.98	6,549.8	-144.9	227.7	122.46	269.9
6,615.0	48.62	116.07	6,553.1	-146.5	231.1	122.37	273.6
6,620.0	48.78	116.18	6,556.4	-148.2	234.5	122.29	277.4
6,625.0	49.32	116.29	6,559.7	-149.8	237.9	122.21	281.1
6,630.0	50.08	116.40	6,562.9	-151.5	241.3	122.13	284.9
6,635.0	50 69	116.47	6,566.1	-153.2	244.7	122.05	288.7
6,640.0	51.23	116.57	6,569.2	-155.0	248.2	121.98	292.6
6,645.0	51.56	116.67	6,572.4	-156.7	251.7	121.91	296.5
6,650.0	51 63	116.76	6,575.5	-158.5	255.2	121.84	300.4
6,655.0	51.91	116.87	6,578.6	-160.3	258.7	121.78	304.3
6,660.0	52.41	116.92	6,581.6	-162.0	262.2	121.72	308.3
6,665.0	53.09	116.96	6,584.7	-163.9	265.8	121.65	312.2
6,670.0	53.73	116.97	6,587.6	-165.7	269.3	121.60	316.2
6,675.0	54.41	116.98	6,590.6	-167.5	273.0	121.54	320.3
6,680.0	54.76	116.98	6,593.5	-169.4	276.6	121.48	324.3
6,685.0	55 20	116.97	6,596.3	-171.2	280.2	121.42	328.4
6,690.0	55 79	116.94	6,599.2	-173.1	283.9	121.37	332.5
6,695.0	56 50	116.85	6,602.0	-175.0	287.6	121.31	336.6
6,700.0	57.30	116.78	6,604.7	-176.8	291.3	121.26	340.8
6,705.0	58 31	116.71	6,607.3	-178.8	295.1	121.20	345.0
6,710.0	58.47	116.65	6,610.0	-180.7	298.9	121.15	349.3
6,715.0	58 62	116.66	6,612.6	-182.6	302.7	121.09	353.5
6,720.0	58 96	116.70	6,615.2	-184.5	306.6	121.04	357.8
6,725.0	59 61	116.70	6,617.7	-186.4	310.4	120.99	362.1
6,730.0	60 25	116.63	6,620.2	-188.4	314.3	120.94	366.4
6,735.0	61 06	116.55	6,622.7	-190.3	318.2	120.89	370.7
6,740.0	61.62	116.53	6,625.1	-192.3	322.1	120.84	375.1
6,745.0	62 07	116.54	6,627.4	-194.3	326.0	120.79	379.5
6,750.0	62 60	116.55	6,629.8	-196.2	330.0	120.74	383.9
6,755.0	63 44	116.51	6,632.0	-198.2	334.0	120.69	388.4
6,760.0	64 30	116.49	6,634.2	-200.2	338.0	120.64	392.9
6,765.0	65.26	116.49	6,636.4	-202.2	342.1	120.59	397.4

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Design:	VH - Job #32K0111061	Database:	EDM-Regulatory

Survey							
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6,770.0	66.10	116.48	6,638.4	-204.3	346.1	120.55	401.9
6,775.0	66.58	116.42	6,640.4	-206.3	350.2	120.50	406.5
6,780.0	67.00	116.33	6,642.4	-208.4	354.3	120.46	411.1
6,785.0	67.56	116.27	6,644.3	-210.4	358.5	120.41	415.7
6,790.0	68.38	116.22	6,646.2	-212.4	362.6	120.36	420.3
6,795.0	69.10	116.18	6,648.0	-214.5	366.8	120.32	424.9
6,800.0	69.62	116.16	6,649.8	-216.6	371.0	120.27	429.6
6,805.0	70.28	116.11	6,651.5	-218.6	375.2	120.23	434.3
6,810.0	70.53	116.07	6,653.2	-220.7	379.5	120.18	439.0
6,815.0	71.08	116.05	6,654.8	-222.8	383.7	120.14	443.7
6,820.0	71.74	116.02	6,656.4	-224.9	388.0	120.10	448.4
6,825.0	72.43	116.01	6,657.9	-227.0	392.2	120.05	453.2
6,830.0	73.02	115.98	6,659.4	-229.0	396.5	120.01	457.9
6,835.0	73.38	115.92	6,660.9	-231.1	400.8	119.97	462.7
6,840.0	73.66	115.83	6,662.3	-233.2	405.2	119.93	467.5
6,845.0	73.76	115.74	6,663.7	-235.3	409.5	119.89	472.3
6,850.0	74.16	115.69	6,665.1	-237.4	413.8	119.84	477.1
6,855.0	74.74	115.62	6,666.4	-239.5	418.1	119.80	481.9
6,860.0	75.22	115.52	6,667.7	-241.6	422.5	119.76	486.7
6,865.0	75.86	115.47	6,669.0	-243.7	426.9	119.72	491.5
6,870.0	76.11	115.37	6,670.2	-245.7	431.3	119.68	496.4
6,875.0	76.22	115.25	6,671.4	-247.8	435.6	119.63	501.2
6,880.0	76.64	115.10	6,672.5	-249.9	440.0	119.59	506.0
6,885.0	77.12	114.93	6,673.7	-251.9	444.5	119.55	510.9
6,890.0	77.53	114.71	6,674.8	-254.0	448.9	119.50	515.8
6,895.0	78.07	114.39	6,675.8	-256.0	453.3	119.46	520.6
6,900.0	78.36	114.17	6,676.8	-258.0	457.8	119.41	525.5
6,905.0	78.49	113.95	6,677.9	-260.0	462.3	119.36	530.4
6,910.0	78.54	113.76	6,678.8	-262.0	466.7	119.31	535.3
6,915.0	79.23	113.52	6,679.8	-264.0	471.2	119.26	540.1
6,920.0	79.59	113.26	6,680.7	-265.9	475.7	119.20	545.0
6,925.0	80.43	113.00	6,681.6	-267.9	480.3	119.15	549.9
6,930.0	80.71	112.87	6,682.4	-269.8	484.8	119.09	554.8
6,935.0	81.05	112.78	6,683.2	-271.7	489.4	119.04	559.7
6,940.0	81.24	112.84	6,684.0	-273.6	493.9	118.98	564.6
6,945.0	81.64	112.92	6,684.7	-275.5	498.5	118.93	569.6
6,950.0	82.29	113.04	6,685.4	-277.5	503.0	118.88	574.5
6,955.0	82.84	113.15	6,686.1	-279.4	507.6	118.83	579.4
6,960.0	83.51	113.27	6,686.7	-281.4	512.2	118.78	584.4
6,965.0	83.96	113.39	6,687.2	-283.3	516.7	118.74	589.3
6,970.0	83.81	113.61	6,687.7	-285.3	521.3	118.69	594.3
6,975.0	84.31	113.99	6,688.3	-287.3	525.8	118.65	599.2
6,980.0	84.86	114.18	6,688.7	-289.4	530.4	118.62	604.2
6,985.0	85.49	114.37	6,689.2	-291.4	534.9	118.58	609.1

Scientific Drilling International, Inc.

SDI Standard Survey Report

Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Laguna Salado 22 Federal #6H
Project:	Harroun	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	Eddy County, NM	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Well:	Laguna Salado 22 Federal #6H	North Reference:	Grid
Wellbore:	VH - Job #32K0111061	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0111061	Database:	EDM-Regulatory

Survey							
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
6,990.0	86.40	114.56	6,689.5	-293.5	539.5	118.55	614.1
6,995.0	87.24	114.70	6,689.8	-295.6	544.0	118.52	619.1
7,000.0	87.85	114.80	6,690.0	-297.6	548.5	118.49	624.1
7,005.0	88.25	114.91	6,690.2	-299.7	553.1	118.46	629.1
7,010.0	88.79	115.02	6,690.3	-301.9	557.6	118.43	634.1
7,015.0	89.51	115.09	6,690.4	-304.0	562.1	118.40	639.1
7,020.0	90.22	115.10	6,690.4	-306.1	566.7	118.38	644.0
7,025.0	90.01	115.09	6,690.4	-308.2	571.2	118.35	649.0
7,030.0	90.17	115.01	6,690.4	-310.3	575.7	118.33	654.0
7,035.0	89.94	114.98	6,690.4	-312.4	580.2	118.30	659.0
7,040.0	90.21	114.96	6,690.4	-314.6	584.8	118.28	664.0
7,045.0	90.14	114.93	6,690.3	-316.7	589.3	118.25	669.0
7,050.0	90.44	114.87	6,690.3	-318.8	593.8	118.23	674.0
7,055.0	90.81	114.84	6,690.3	-320.9	598.4	118.20	679.0
7,060.0	90.22	114.82	6,690.2	-323.0	602.9	118.18	684.0
7,065.0	89.83	114.80	6,690.2	-325.1	607.5	118.15	689.0
7,070.0	89.87	114.75	6,690.2	-327.2	612.0	118.13	694.0
7,075.0	90.10	114.67	6,690.2	-329.3	616.5	118.10	698.9
7,080.0	90.17	114.62	6,690.2	-331.3	621.1	118.08	703.9
7,085.0	90.11	114.61	6,690.2	-333.4	625.6	118.05	708.9
7,090.0	90.33	114.56	6,690.2	-335.5	630.2	118.03	713.9
7,095.0	89.73	114.54	6,690.2	-337.6	634.7	118.01	718.9
7,100.0	89.46	114.50	6,690.2	-339.7	639.3	117.98	723.9
7,105.0	89.80	114.47	6,690.2	-341.7	643.8	117.96	728.9
7,110.0	89.83	114.43	6,690.3	-343.8	648.4	117.93	733.9
7,115.0	90.02	114.33	6,690.3	-345.9	652.9	117.91	738.9
7,120.0	90.16	114.19	6,690.3	-347.9	657.5	117.89	743.9
7,125.0	90.11	114.07	6,690.2	-350.0	662.1	117.86	748.9
7,130.0	89.55	113.92	6,690.3	-352.0	666.6	117.84	753.8
7,135.0	89.66	113.84	6,690.3	-354.0	671.2	117.81	758.8
7,140.0	89.74	113.81	6,690.3	-356.0	675.8	117.78	763.8
7,145.0	89.74	113.76	6,690.3	-358.1	680.3	117.76	768.8
7,150.0	89.67	113.71	6,690.4	-360.1	684.9	117.73	773.8
7,155.0	89.73	113.69	6,690.4	-362.1	689.5	117.71	778.8
7,160.0	88.99	113.71	6,690.5	-364.1	694.1	117.68	783.8
7,165.0	89.01	113.74	6,690.5	-366.1	698.6	117.65	788.8
7,170.0	89.20	113.88	6,690.6	-368.1	703.2	117.63	793.7
7,175.0	88.96	114.06	6,690.7	-370.1	707.8	117.61	798.7
7,180.0	89.24	114.28	6,690.8	-372.2	712.4	117.59	803.7
7,185.0	89.27	114.46	6,690.8	-374.3	716.9	117.57	808.7
7,190.0	88.70	114.61	6,690.9	-376.3	721.5	117.55	813.7
7,195.0	88.38	114.48	6,691.1	-378.4	726.0	117.53	818.7
7,200.0	88.36	114.46	6,691.2	-380.5	730.6	117.51	823.7
7,205.0	88.59	114.51	6,691.3	-382.5	735.1	117.49	828.7

Scientific Drilling International, Inc.
SDI Standard Survey Report

Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Laguna Salado 22 Federal #6H
Project:	Harroun	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	Eddy County, NM	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Well:	Laguna Salado 22 Federal #6H	North Reference:	Gnd
Wellbore:	VH - Job #32K0111061	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0111061	Database:	EDM-Regulatory

Survey							
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
7,210.0	88.91	114.59	6,691.4	-384.6	739.6	117.48	833.7
7,215.0	89.17	114.61	6,691.5	-386.7	744.2	117.46	838.7
7,220.0	89.09	114.61	6,691.6	-388.8	748.7	117.44	843.7
7,225.0	88.40	114.62	6,691.7	-390.9	753.3	117.42	848.7
7,230.0	88.48	114.55	6,691.8	-393.0	757.8	117.41	853.6
7,235.0	88.59	114.42	6,692.0	-395.0	762.4	117.39	858.6
7,240.0	88.77	114.25	6,692.1	-397.1	766.9	117.37	863.6
7,245.0	88.90	114.10	6,692.2	-399.1	771.5	117.35	868.6
7,250.0	88.97	113.99	6,692.3	-401.2	776.1	117.34	873.6
7,255.0	88.75	113.91	6,692.4	-403.2	780.6	117.32	878.6
7,260.0	88.66	113.87	6,692.5	-405.2	785.2	117.30	883.6
7,265.0	88.78	113.87	6,692.6	-407.2	789.8	117.28	888.6
7,270.0	88.86	113.86	6,692.7	-409.3	794.3	117.26	893.6
7,275.0	88.99	113.94	6,692.8	-411.3	798.9	117.24	898.6
7,280.0	89.06	114.05	6,692.9	-413.3	803.5	117.22	903.6
7,285.0	88.81	114.19	6,693.0	-415.4	808.0	117.21	908.5
7,290.0	88.38	114.40	6,693.1	-417.4	812.6	117.19	913.5
7,295.0	88.47	114.57	6,693.2	-419.5	817.1	117.17	918.5
7,300.0	88.49	114.81	6,693.4	-421.6	821.7	117.16	923.5
7,305.0	88.35	115.00	6,693.5	-423.7	826.2	117.15	928.5
7,310.0	88.49	115.18	6,693.7	-425.8	830.7	117.14	933.5
7,315.0	88.12	115.34	6,693.8	-427.9	835.3	117.13	938.5
7,320.0	87.61	115.48	6,694.0	-430.1	839.8	117.12	943.5
7,325.0	87.56	115.55	6,694.2	-432.2	844.3	117.11	948.5
7,330.0	87.66	115.63	6,694.4	-434.4	848.8	117.10	953.5
7,335.0	87.90	115.73	6,694.6	-436.6	853.3	117.09	958.5
7,340.0	88.11	115.80	6,694.8	-438.7	857.8	117.09	963.5
7,345.0	88.27	115.85	6,694.9	-440.9	862.3	117.08	968.5
7,350.0	88.08	115.92	6,695.1	-443.1	866.8	117.08	973.5
7,355.0	88.29	116.04	6,695.3	-445.3	871.3	117.07	978.5
7,360.0	88.58	116.20	6,695.4	-447.5	875.8	117.06	983.5
7,365.0	88.90	116.36	6,695.5	-449.7	880.3	117.06	988.5
7,370.0	89.19	116.50	6,695.6	-451.9	884.7	117.06	993.5
7,375.0	89.57	116.68	6,695.6	-454.2	889.2	117.06	998.5
7,380.0	89.74	116.85	6,695.7	-456.4	893.7	117.05	1,003.5
7,385.0	89.45	117.07	6,695.7	-458.7	898.1	117.05	1,008.5
7,390.0	89.67	117.24	6,695.7	-461.0	902.6	117.05	1,013.5
7,395.0	89.87	117.40	6,695.8	-463.2	907.0	117.06	1,018.5
7,400.0	90.11	117.60	6,695.8	-465.6	911.4	117.06	1,023.5
7,405.0	90.25	117.80	6,695.7	-467.9	915.9	117.06	1,028.5
7,410.0	90.23	117.96	6,695.7	-470.2	920.3	117.06	1,033.5
7,415.0	90.04	118.14	6,695.7	-472.6	924.7	117.07	1,038.5
7,420.0	89.87	118.24	6,695.7	-474.9	929.1	117.07	1,043.5
7,425.0	90.19	118.25	6,695.7	-477.3	933.5	117.08	1,048.5

Scientific Drilling International, Inc.

SDI Standard Survey Report

Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Laguna Salado 22 Federal #6H
Project:	Harroun	TVD Reference:	WELL @ 0 0usft (Original Well Elev)
Site:	Eddy County, NM	MD Reference:	WELL @ 0 0usft (Original Well Elev)
Well:	Laguna Salado 22 Federal #6H	North Reference:	Grid
Wellbore:	VH - Job #32K0111061	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0111061	Database:	EDM-Regulatory

Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
7,430.0	90.11	118.20	6,695.7	-479.7	937.9	117.09	1,053.5
7,435.0	90.35	118.07	6,695.7	-482.0	942.3	117.09	1,058.5
7,440.0	90.21	117.90	6,695.7	-484.4	946.7	117.09	1,063.5
7,445.0	90.23	117.68	6,695.6	-486.7	951.2	117.10	1,068.5
7,450.0	89.87	117.43	6,695.6	-489.0	955.6	117.10	1,073.5
7,455.0	90.11	117.23	6,695.6	-491.3	960.0	117.10	1,078.5
7,460.0	90.30	117.01	6,695.6	-493.6	964.5	117.10	1,083.5
7,465.0	90.53	116.80	6,695.6	-495.8	969.0	117.10	1,088.5
7,470.0	90.72	116.65	6,695.5	-498.1	973.4	117.10	1,093.5
7,475.0	90.75	116.55	6,695.5	-500.3	977.9	117.10	1,098.5
7,480.0	90.39	116.45	6,695.4	-502.6	982.4	117.09	1,103.5
7,485.0	90.42	116.38	6,695.4	-504.8	986.8	117.09	1,108.5
7,490.0	90.85	116.34	6,695.3	-507.0	991.3	117.09	1,113.5
7,495.0	90.75	116.28	6,695.2	-509.2	995.8	117.08	1,118.5
7,500.0	90.99	116.16	6,695.2	-511.4	1,000.3	117.08	1,123.5
7,505.0	90.97	116.01	6,695.1	-513.6	1,004.8	117.08	1,128.4
7,510.0	90.38	115.87	6,695.0	-515.8	1,009.3	117.07	1,133.4
7,515.0	90.22	115.77	6,695.0	-518.0	1,013.8	117.07	1,138.4
7,520.0	90.44	115.64	6,695.0	-520.2	1,018.3	117.06	1,143.4
7,525.0	90.57	115.44	6,694.9	-522.3	1,022.8	117.05	1,148.4
7,530.0	90.81	115.26	6,694.9	-524.5	1,027.3	117.05	1,153.4
7,535.0	91.12	115.09	6,694.8	-526.6	1,031.8	117.04	1,158.4
7,540.0	90.89	114.92	6,694.7	-528.7	1,036.4	117.03	1,163.4
7,545.0	90.22	114.71	6,694.6	-530.8	1,040.9	117.02	1,168.4
7,550.0	90.19	114.63	6,694.6	-532.9	1,045.4	117.01	1,173.4
7,555.0	90.67	114.53	6,694.6	-535.0	1,050.0	117.00	1,178.4
7,560.0	90.66	114.40	6,694.5	-537.0	1,054.5	116.99	1,183.4
7,565.0	90.83	114.27	6,694.5	-539.1	1,059.1	116.98	1,188.4
7,570.0	91.03	114.12	6,694.4	-541.1	1,063.7	116.97	1,193.4
7,575.0	90.47	113.94	6,694.3	-543.2	1,068.2	116.95	1,198.4
7,580.0	90.31	113.79	6,694.3	-545.2	1,072.8	116.94	1,203.4
7,585.0	90.17	113.72	6,694.3	-547.2	1,077.4	116.93	1,208.4
7,590.0	90.31	113.68	6,694.2	-549.2	1,082.0	116.91	1,213.4
7,595.0	90.31	113.61	6,694.2	-551.2	1,086.5	116.90	1,218.4
7,600.0	90.46	113.52	6,694.2	-553.2	1,091.1	116.89	1,223.4
7,605.0	89.83	113.44	6,694.2	-555.2	1,095.7	116.87	1,228.3
7,610.0	89.80	113.34	6,694.2	-557.2	1,100.3	116.86	1,233.3
7,615.0	89.90	113.29	6,694.2	-559.2	1,104.9	116.84	1,238.3
7,620.0	89.81	113.22	6,694.2	-561.2	1,109.5	116.83	1,243.3
7,625.0	90.05	113.15	6,694.2	-563.1	1,114.1	116.82	1,248.3
7,630.0	90.03	113.04	6,694.2	-565.1	1,118.7	116.80	1,253.3
7,635.0	89.98	112.95	6,694.2	-567.0	1,123.3	116.79	1,258.3
7,640.0	89.45	112.90	6,694.2	-569.0	1,127.9	116.77	1,263.3
7,645.0	89.61	112.83	6,694.3	-570.9	1,132.5	116.75	1,268.3

Scientific Drilling International, Inc.
SDI Standard Survey Report

Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Laguna Salado 22 Federal #8H
Project:	Harroun	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	Eddy County, NM	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Well:	Laguna Salado 22 Federal #8H	North Reference:	Grid
Wellbore:	VH - Job #32K0111061	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0111061	Database:	EDM-Regulatory

Survey							
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
7,650.0	89.33	112.76	6,694.3	-572.9	1,137.1	116.74	1,273.3
7,655.0	89.27	112.67	6,694.4	-574.8	1,141.7	116.72	1,278.2
7,660.0	89.27	112.55	6,694.5	-576.7	1,146.3	116.71	1,283.2
7,665.0	89.22	112.45	6,694.5	-578.6	1,150.9	116.69	1,288.2
7,670.0	88.74	112.40	6,694.6	-580.5	1,155.6	116.67	1,293.2
7,675.0	88.58	112.31	6,694.7	-582.5	1,160.2	116.66	1,298.2
7,680.0	88.67	112.24	6,694.8	-584.3	1,164.8	116.64	1,303.2
7,685.0	88.69	112.13	6,695.0	-586.2	1,169.4	116.62	1,308.2
7,690.0	88.72	112.03	6,695.1	-588.1	1,174.1	116.61	1,313.1
7,695.0	88.71	111.96	6,695.2	-590.0	1,178.7	116.59	1,318.1
7,700.0	88.46	111.82	6,695.3	-591.8	1,183.3	116.57	1,323.1
7,705.0	88.22	111.73	6,695.5	-593.7	1,188.0	116.55	1,328.1
7,710.0	88.32	111.71	6,695.6	-595.6	1,192.6	116.54	1,333.1
7,715.0	88.53	111.69	6,695.7	-597.4	1,197.3	116.52	1,338.0
7,720.0	88.57	111.67	6,695.9	-599.2	1,201.9	116.50	1,343.0
7,725.0	88.81	111.67	6,696.0	-601.1	1,206.6	116.48	1,348.0
7,730.0	88.74	111.68	6,696.1	-602.9	1,211.2	116.46	1,353.0
7,735.0	88.11	111.68	6,696.2	-604.8	1,215.9	116.45	1,358.0
7,740.0	88.07	111.63	6,696.4	-606.6	1,220.5	116.43	1,362.9
7,745.0	88.15	111.62	6,696.6	-608.5	1,225.1	116.41	1,367.9
7,750.0	88.31	111.54	6,696.7	-610.3	1,229.8	116.39	1,372.9
7,755.0	88.40	111.43	6,696.9	-612.1	1,234.4	116.38	1,377.9
7,760.0	88.53	111.32	6,697.0	-614.0	1,239.1	116.36	1,382.9
7,765.0	88.28	111.30	6,697.1	-615.8	1,243.8	116.34	1,387.8
7,770.0	88.40	111.28	6,697.3	-617.6	1,248.4	116.32	1,392.8
7,775.0	88.56	111.28	6,697.4	-619.4	1,253.1	116.30	1,397.8
7,780.0	88.58	111.25	6,697.5	-621.2	1,257.7	116.29	1,402.8
7,785.0	88.61	111.33	6,697.7	-623.0	1,262.4	116.27	1,407.8
7,790.0	88.55	111.47	6,697.8	-624.9	1,267.0	116.25	1,412.7
7,795.0	88.47	111.67	6,697.9	-626.7	1,271.7	116.23	1,417.7
7,800.0	88.11	111.86	6,698.1	-628.5	1,276.3	116.22	1,422.7
7,805.0	88.17	112.03	6,698.2	-630.4	1,281.0	116.20	1,427.7
7,810.0	88.23	112.29	6,698.4	-632.3	1,285.6	116.19	1,432.7
7,815.0	88.21	112.56	6,698.5	-634.2	1,290.2	116.18	1,437.7
7,820.0	88.28	112.77	6,698.7	-636.1	1,294.8	116.16	1,442.6
7,825.0	88.10	112.91	6,698.8	-638.1	1,299.4	116.15	1,447.6
7,830.0	87.50	113.05	6,699.0	-640.0	1,304.0	116.14	1,452.6
7,835.0	87.49	113.16	6,699.3	-642.0	1,308.6	116.13	1,457.6
7,840.0	87.58	113.28	6,699.5	-644.0	1,313.2	116.12	1,462.6
7,845.0	87.90	113.44	6,699.7	-645.9	1,317.8	116.11	1,467.6
7,850.0	87.90	113.60	6,699.9	-647.9	1,322.4	116.10	1,472.6
7,855.0	88.04	113.73	6,700.0	-649.9	1,327.0	116.10	1,477.6
7,860.0	87.59	113.89	6,700.2	-652.0	1,331.5	116.09	1,482.6
7,865.0	87.49	114.03	6,700.4	-654.0	1,336.1	116.08	1,487.6
7,870.0	87.56	114.18	6,700.7	-656.0	1,340.7	116.07	1,492.6

Scientific Drilling International, Inc.
SDI Standard Survey Report

Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Laguna Salado 22 Federal #6H
Project:	Harroun	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	Eddy County, NM	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Well:	Laguna Salado 22 Federal #6H	North Reference:	Grid
Wellbore:	VH - Job #32K0111061	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0111061	Database:	EDM-Regulatory

Survey							
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
7,875.0	87.85	114.35	6,700.9	-658.1	1,345.2	116.07	1,497.5
7,880.0	87.92	114.45	6,701.0	-660.1	1,349.8	116.06	1,502.5
7,885.0	87.95	114.53	6,701.2	-662.2	1,354.3	116.06	1,507.5
7,890.0	87.89	114.62	6,701.4	-664.3	1,358.8	116.05	1,512.5
7,895.0	87.10	114.76	6,701.6	-666.4	1,363.4	116.05	1,517.5
7,900.0	87.22	114.84	6,701.9	-668.5	1,367.9	116.04	1,522.5
7,905.0	87.32	114.87	6,702.1	-670.6	1,372.5	116.04	1,527.5
7,910.0	87.45	114.91	6,702.3	-672.7	1,377.0	116.04	1,532.5
7,915.0	87.50	114.93	6,702.6	-674.8	1,381.5	116.03	1,537.5
7,920.0	87.25	114.97	6,702.8	-676.9	1,386.0	116.03	1,542.5
7,925.0	87.06	115.10	6,703.0	-679.0	1,390.6	116.03	1,547.5
7,930.0	86.94	115.18	6,703.3	-681.1	1,395.1	116.02	1,552.5
7,935.0	87.26	115.22	6,703.5	-683.2	1,399.6	116.02	1,557.5
7,940.0	87.53	115.32	6,703.8	-685.4	1,404.1	116.02	1,562.5
7,945.0	87.79	115.41	6,704.0	-687.5	1,408.6	116.02	1,567.5
7,950.0	87.92	115.51	6,704.2	-689.7	1,413.1	116.01	1,572.5
7,955.0	87.85	115.64	6,704.3	-691.8	1,417.7	116.01	1,577.5
7,960.0	87.64	115.73	6,704.5	-694.0	1,422.2	116.01	1,582.4
7,965.0	87.95	115.86	6,704.7	-696.2	1,426.7	116.01	1,587.4
7,970.0	88.15	116.03	6,704.9	-698.3	1,431.1	116.01	1,592.4
7,975.0	88.26	116.22	6,705.1	-700.5	1,435.6	116.01	1,597.4
7,980.0	88.46	116.41	6,705.2	-702.8	1,440.1	116.01	1,602.4
7,985.0	88.44	116.63	6,705.3	-705.0	1,444.6	116.01	1,607.4
7,990.0	88.19	116.89	6,705.5	-707.2	1,449.0	116.02	1,612.4
7,995.0	88.11	117.08	6,705.6	-709.5	1,453.5	116.02	1,617.4
8,000.0	88.65	117.27	6,705.8	-711.8	1,457.9	116.02	1,622.4
8,005.0	88.70	117.53	6,705.9	-714.1	1,462.4	116.03	1,627.4
8,010.0	88.76	117.71	6,706.0	-716.4	1,466.8	116.03	1,632.4
8,015.0	88.51	117.88	6,706.1	-718.7	1,471.2	116.04	1,637.4
8,020.0	88.46	117.99	6,706.3	-721.1	1,475.7	116.04	1,642.4
8,025.0	88.28	117.98	6,706.4	-723.4	1,480.1	116.05	1,647.4
8,030.0	88.31	117.96	6,706.6	-725.8	1,484.5	116.05	1,652.4
8,035.0	88.49	117.96	6,706.7	-728.1	1,488.9	116.06	1,657.4
8,040.0	88.53	117.92	6,706.8	-730.5	1,493.3	116.07	1,662.4
8,045.0	88.50	117.85	6,707.0	-732.8	1,497.7	116.07	1,667.4
8,050.0	88.30	117.84	6,707.1	-735.1	1,502.1	116.08	1,672.4
8,055.0	88.34	117.81	6,707.2	-737.5	1,506.6	116.08	1,677.4
8,060.0	88.41	117.77	6,707.4	-739.8	1,511.0	116.09	1,682.4
8,065.0	88.73	117.75	6,707.5	-742.1	1,515.4	116.09	1,687.4
8,070.0	88.92	117.76	6,707.6	-744.4	1,519.8	116.10	1,692.4
8,075.0	88.85	117.80	6,707.7	-746.8	1,524.3	116.10	1,697.4
8,080.0	89.09	117.91	6,707.8	-749.1	1,528.7	116.11	1,702.4
8,085.0	88.93	118.09	6,707.9	-751.5	1,533.1	116.11	1,707.4
8,090.0	88.84	118.18	6,708.0	-753.8	1,537.5	116.12	1,712.4

Scientific Drilling International, Inc.
SDI Standard Survey Report

Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Laguna Salado 22 Federal #6H
Project:	Harroun	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	Eddy County, NM	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Well:	Laguna Salado 22 Federal #6H	North Reference:	Grd
Wellbore:	VH - Job #32K0111061	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0111061	Database:	EDM-Regulatory

Survey							
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
8,095.0	89.08	118.32	6,708.1	-756.2	1,541.9	116.12	1,717.3
8,100.0	88.94	118.51	6,708.2	-758.6	1,546.3	116.13	1,722.3
8,105.0	89.12	118.66	6,708.2	-761.0	1,550.7	116.14	1,727.3
8,110.0	88.85	118.76	6,708.3	-763.4	1,555.1	116.15	1,732.3
8,115.0	88.41	118.90	6,708.5	-765.8	1,559.5	116.15	1,737.3
8,120.0	88.12	119.05	6,708.6	-768.2	1,563.8	116.16	1,742.3
8,125.0	88.10	119.19	6,708.8	-770.6	1,568.2	116.17	1,747.3
8,130.0	88.00	119.32	6,708.9	-773.1	1,572.6	116.18	1,752.3
8,135.0	88.02	119.51	6,709.1	-775.5	1,576.9	116.19	1,757.3
8,140.0	87.97	119.74	6,709.3	-778.0	1,581.3	116.20	1,762.3
8,145.0	87.60	120.03	6,709.5	-780.5	1,585.6	116.21	1,767.3
8,150.0	86.95	120.34	6,709.7	-783.0	1,589.9	116.22	1,772.2
8,155.0	86.89	120.60	6,710.0	-785.5	1,594.2	116.23	1,777.2
8,160.0	86.83	120.94	6,710.3	-788.1	1,598.5	116.24	1,782.2
8,165.0	86.95	121.25	6,710.5	-790.7	1,602.8	116.26	1,787.2
8,170.0	86.68	121.51	6,710.8	-793.3	1,607.0	116.27	1,792.1
8,175.0	86.30	121.69	6,711.1	-795.9	1,611.3	116.29	1,797.1
8,180.0	85.92	121.86	6,711.5	-798.5	1,615.5	116.30	1,802.1
8,185.0	85.77	122.01	6,711.8	-801.1	1,619.8	116.32	1,807.0
8,190.0	85.96	122.17	6,712.2	-803.8	1,624.0	116.33	1,812.0
8,195.0	85.66	122.41	6,712.5	-806.4	1,628.2	116.35	1,817.0
8,200.0	85.54	122.56	6,712.9	-809.1	1,632.4	116.37	1,821.9
8,205.0	85.23	122.73	6,713.3	-811.8	1,636.6	116.38	1,826.9
8,210.0	84.54	122.97	6,713.8	-814.5	1,640.8	116.40	1,831.8
8,215.0	84.30	123.17	6,714.3	-817.2	1,644.9	116.42	1,836.8
8,220.0	84.09	123.34	6,714.8	-820.0	1,649.1	116.44	1,841.7
8,225.0	84.00	123.48	6,715.3	-822.7	1,653.3	116.46	1,846.6
8,230.0	83.76	123.58	6,715.8	-825.4	1,657.4	116.47	1,851.6
8,235.0	83.84	123.66	6,716.4	-828.2	1,661.5	116.49	1,856.5
8,240.0	83.78	123.82	6,716.9	-831.0	1,665.7	116.51	1,861.4
8,245.0	83.41	124.06	6,717.5	-833.7	1,669.8	116.53	1,866.4
8,250.0	83.38	124.24	6,718.0	-836.5	1,673.9	116.55	1,871.3
8,255.0	83.63	124.46	6,718.6	-839.3	1,678.0	116.57	1,876.2
8,260.0	83.83	124.73	6,719.1	-842.1	1,682.1	116.59	1,881.1
8,265.0	83.93	124.95	6,719.7	-845.0	1,686.2	116.62	1,886.1
8,270.0	84.08	125.24	6,720.2	-847.8	1,690.3	116.64	1,891.0
8,275.0	83.87	125.55	6,720.7	-850.7	1,694.3	116.66	1,895.9
8,280.0	83.99	125.76	6,721.3	-853.6	1,698.3	116.68	1,900.8
8,285.0	84.11	125.99	6,721.8	-856.5	1,702.4	116.71	1,905.7
8,290.0	84.33	126.35	6,722.3	-859.5	1,706.4	116.73	1,910.6
8,295.0	84.60	126.59	6,722.8	-862.4	1,710.4	116.76	1,915.5
8,300.0	84.57	126.76	6,723.2	-865.4	1,714.4	116.78	1,920.4
8,305.0	84.15	126.96	6,723.7	-868.4	1,718.4	116.81	1,925.3
8,310.0	84.07	127.02	6,724.2	-871.4	1,722.3	116.84	1,930.2

Scientific Drilling International, Inc.
SDI Standard Survey Report

Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Laguna Salado 22 Federal #6H
Project:	Harroun	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	Eddy County, NM	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Well:	Laguna Salado 22 Federal #6H	North Reference:	Grid
Wellbore:	VH Job #32K0111081	Survey Calculation Method:	Minimum Curvature
Design:	VH Job #32K0111081	Database:	EDM-Regulatory

Survey							
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
8,315.0	84.17	127.08	6,724.7	-874.4	1,726.3	116.86	1,935.1
8,320.0	84.29	127.26	6,725.2	-877.4	1,730.3	116.89	1,940.0
8,325.0	84.41	127.45	6,725.7	-880.4	1,734.2	116.92	1,944.9
8,330.0	84.58	127.62	6,726.2	-883.4	1,738.2	116.94	1,949.8
8,335.0	84.56	127.83	6,726.7	-886.5	1,742.1	116.97	1,954.7
8,340.0	84.09	128.12	6,727.2	-889.5	1,746.0	117.00	1,959.6
8,345.0	84.22	128.33	6,727.7	-892.6	1,749.9	117.03	1,964.4
8,350.0	84.63	128.53	6,728.2	-895.7	1,753.8	117.05	1,969.3
8,355.0	84.79	128.79	6,728.6	-898.8	1,757.7	117.08	1,974.2
8,360.0	85.01	128.98	6,729.1	-901.9	1,761.6	117.11	1,979.1
8,365.0	85.08	129.16	6,729.5	-905.1	1,765.5	117.14	1,984.0
8,370.0	85.00	129.41	6,730.0	-908.2	1,769.3	117.17	1,988.8
8,375.0	85.00	129.61	6,730.4	-911.4	1,773.2	117.20	1,993.7
8,380.0	85.34	129.78	6,730.8	-914.6	1,777.0	117.23	1,998.6
8,385.0	85.80	129.99	6,731.2	-917.8	1,780.8	117.27	2,003.4
8,390.0	86.15	130.19	6,731.5	-921.0	1,784.6	117.30	2,008.3
8,395.0	86.46	130.39	6,731.9	-924.2	1,788.4	117.33	2,013.1
8,400.0	86.53	130.68	6,732.2	-927.5	1,792.2	117.36	2,018.0
8,405.0	86.48	130.89	6,732.5	-930.7	1,796.0	117.39	2,022.9
8,410.0	86.55	131.09	6,732.8	-934.0	1,799.8	117.43	2,027.7
8,415.0	87.03	131.29	6,733.1	-937.3	1,803.5	117.46	2,032.6
8,420.0	87.67	131.44	6,733.3	-940.6	1,807.3	117.49	2,037.4
8,425.0	87.85	131.59	6,733.5	-943.9	1,811.0	117.53	2,042.3
8,430.0	88.29	131.71	6,733.7	-947.2	1,814.8	117.56	2,047.1
8,435.0	87.41	131.85	6,733.8	-950.5	1,818.5	117.60	2,051.9
8,440.0	87.27	131.96	6,734.1	-953.9	1,822.2	117.63	2,056.8
8,445.0	87.89	132.12	6,734.3	-957.2	1,825.9	117.67	2,061.6
8,450.0	88.14	132.35	6,734.5	-960.6	1,829.6	117.70	2,066.5
8,455.0	88.65	132.52	6,734.6	-964.0	1,833.3	117.74	2,071.3
8,460.0	88.63	132.79	6,734.7	-967.3	1,837.0	117.77	2,076.1
8,465.0	88.38	133.15	6,734.8	-970.8	1,840.6	117.81	2,080.9
8,470.0	88.46	133.44	6,735.0	-974.2	1,844.3	117.84	2,085.8
8,475.0	88.51	133.72	6,735.1	-977.6	1,847.9	117.88	2,090.6
8,480.0	89.16	134.03	6,735.2	-981.1	1,851.5	117.92	2,095.4
8,485.0	89.41	134.36	6,735.3	-984.6	1,855.1	117.96	2,100.2
8,490.0	89.87	134.62	6,735.3	-988.1	1,858.7	118.00	2,105.0
8,495.0	89.87	134.95	6,735.3	-991.6	1,862.2	118.03	2,109.8
8,500.0	89.74	135.35	6,735.3	-995.1	1,865.7	118.07	2,114.5
8,505.0	90.18	135.57	6,735.3	-998.7	1,869.2	118.12	2,119.3
8,509.3	90.23	135.69	6,735.3	-1,001.8	1,872.2	118.15	2,123.4



Project: Harroun
 Eddy County, NM
 Well: Laguna Salado 22 Federal #6H
 Wellbore: VH - Job #32K0111061
 Design: VH - Job #32K0111061



Azimuths to Grid North
 True North: -0.19°
 Magnetic North: 7.69°

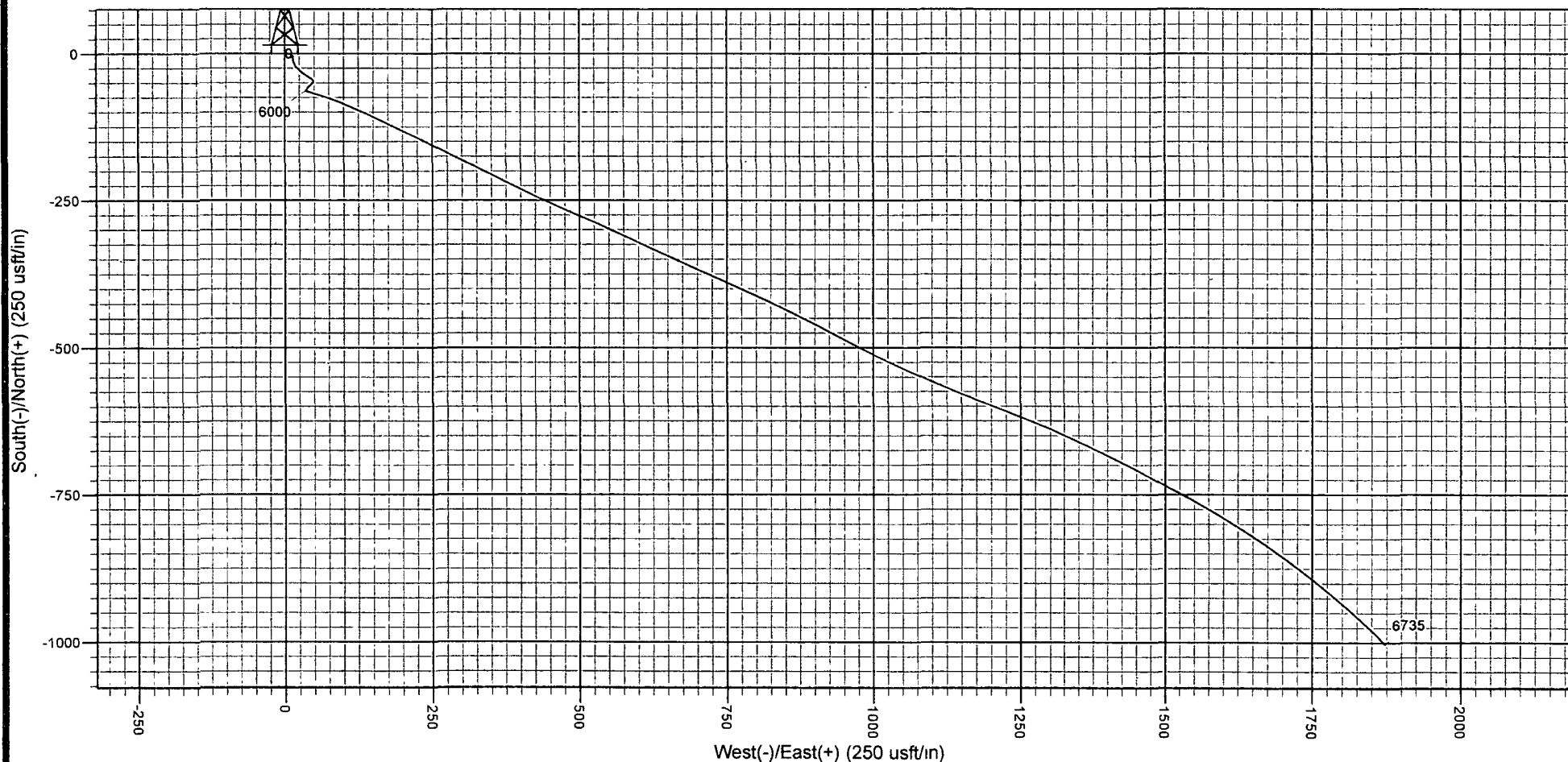
Magnetic Field
 Strength: 48711.1snT
 Dip Angle: 60.20°
 Date: 1/22/2011
 Model: BGGM2010

WELL DETAILS: Laguna Salado 22 Federal #6H

WELL @ 0.0usft (Original Well Elev)

Ground Level: 0.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	471084 50	611315.64	32° 17' 40.610 N	103° 58' 23.120 W	



PROJECT DETAILS: Harroun
 Geodetic System: US State Plane 1927 (Exact solution)
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: New Mexico East 3001
 System Datum: Mean Sea Level

SITE DETAILS: Eddy County, NM
 Site Centre Latitude: 32° 17' 40.610 N
 Longitude: 103° 58' 23.120 W
 Positional Uncertainty: 0 0
 Convergence: 0.19
 Local North: Grid