

DEVON ENERGY

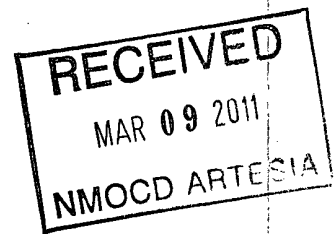
Poker Lake
Eddy County, NM
Cottom Draw Unit #114
VH - Job #32K0910686

30-015-37410

Survey: Actual

SDI Standard Survey Report

17 September, 2010



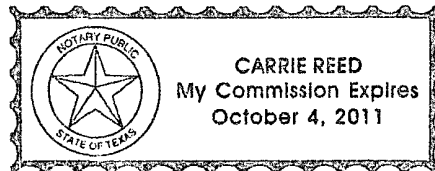
This survey is correct to the best of my knowledge and is supported by actual field data.

[Signature]

Notorized this date 5th of October, 2010.

[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 Cotton Draw Unit #114
Project:	Poker Lake	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	Eddy County, NM	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Well:	Cotton Draw Unit #114	North Reference:	Grid
Wellbore:	VH - Job #32K0910686	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0910686	Database:	EDM-Regulatory

Project	Poker Lake		
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		

Well	Cotton Draw Unit #114, Directional (Weatherford)				
Well Position	+N/-S	0.0 usft	Northing:	429,709.51 usft	Latitude: 32° 10' 48.380 N
	+E/-W	0.0 usft	Easting:	676,254.87 usft	Longitude: 103° 45' 49.130 W
Position Uncertainty	0.0 usft		Wellhead Elevation:	usft	Ground Level: 0.0 usft

Wellbore	VH - Job #32K0910686				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2010	9/17/2010	7.82	60.14	48,705

Design	VH - Job #32K0910686				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	179.90	

Survey Program	Date	9/17/2010			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
100.0	8,000.0	Actual (VH - Job #32K0910686)	Keeper	Keeper Gyro	

Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.0
100.0	0.33	221.47	100.0	-0.2	-0.2	221.47	0.3
200.0	0.30	252.94	200.0	-0.5	-0.6	231.17	0.8
300.0	0.17	126.24	300.0	-0.7	-0.8	228.57	1.0
400.0	0.43	176.47	400.0	-1.1	-0.6	208.63	1.3
500.0	0.58	151.10	500.0	-2.0	-0.4	190.21	2.0
600.0	0.80	137.34	600.0	-2.9	0.4	172.83	2.9
700.0	0.89	133.24	700.0	-4.0	1.4	160.45	4.2
800.0	0.94	101.52	800.0	-4.7	2.8	149.18	5.4
900.0	1.11	87.76	899.9	-4.8	4.5	136.42	6.6
1,000.0	1.13	88.35	999.9	-4.7	6.5	125.93	8.0
1,100.0	1.14	88.63	1,099.9	-4.7	8.5	118.78	9.7
1,200.0	1.27	83.06	1,199.9	-4.5	10.6	113.05	11.5
1,300.0	1.24	83.18	1,299.9	-4.2	12.7	108.39	13.4
1,400.0	1.44	84.37	1,399.8	-4.0	15.1	104.81	15.6
1,500.0	1.41	81.06	1,499.8	-3.7	17.5	101.82	17.9
1,600.0	1.30	80.90	1,599.8	-3.3	19.9	99.43	20.1

Scientific Drilling International, Inc.
SDI Standard Survey Report

Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Cotton Draw Unit #114
Project:	Poker Lake	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	Eddy County, NM	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Well:	Cotton Draw Unit #114	North Reference:	Grid
Wellbore:	VH - Job #32K0910686	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0910686	Database:	EDM-Regulatory

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
1,700.0	1.32	80.05	1,699.7	-2.9	22.1	97.52	22.3
1,800.0	1.19	78.79	1,799.7	-2.5	24.3	95.93	24.4
1,900.0	1.29	81.61	1,899.7	-2.2	26.4	94.67	26.5
2,000.0	1.30	80.00	1,999.7	-1.8	28.6	93.58	28.7
2,100.0	1.37	78.92	2,099.6	-1.4	30.9	92.53	31.0
2,200.0	1.40	75.39	2,199.6	-0.8	33.3	91.43	33.3
2,300.0	1.44	74.84	2,299.6	-0.2	35.7	90.31	35.7
2,400.0	1.40	73.64	2,399.6	0.5	38.1	89.28	38.1
2,500.0	1.48	77.11	2,499.5	1.1	40.5	88.43	40.5
2,600.0	1.21	89.13	2,599.5	1.4	42.8	88.11	42.8
2,700.0	1.06	96.40	2,699.5	1.3	44.8	88.30	44.8
2,800.0	1.07	95.82	2,799.5	1.1	46.6	88.61	46.7
2,900.0	0.85	99.84	2,899.4	0.9	48.3	88.92	48.3
3,000.0	0.83	106.22	2,999.4	0.6	49.7	89.33	49.7
3,100.0	0.96	116.17	3,099.4	0.0	51.2	89.99	51.2
3,200.0	1.04	125.11	3,199.4	-0.9	52.7	90.96	52.7
3,300.0	1.11	120.99	3,299.4	-1.9	54.2	92.01	54.3
3,400.0	1.05	124.69	3,399.4	-2.9	55.8	93.00	55.9
3,500.0	1.00	124.00	3,499.4	-3.9	57.3	93.93	57.4
3,600.0	1.12	124.71	3,599.3	-5.0	58.8	94.84	59.0
3,700.0	1.60	120.33	3,699.3	-6.2	60.8	95.86	61.2
3,800.0	1.95	121.00	3,799.3	-7.8	63.5	97.02	64.0
3,900.0	2.25	125.44	3,899.2	-9.8	66.6	98.41	67.3
4,000.0	2.90	133.13	3,999.1	-12.7	70.0	100.28	71.1
4,100.0	3.57	138.23	4,098.9	-16.8	73.9	102.77	75.8
4,200.0	3.48	136.21	4,198.7	-21.3	78.1	105.23	80.9
4,300.0	2.94	136.84	4,298.6	-25.3	82.0	107.17	85.8
4,400.0	2.31	133.61	4,398.5	-28.6	85.2	108.56	89.8
4,500.0	2.02	133.04	4,498.4	-31.2	87.9	109.53	93.3
4,600.0	1.71	128.75	4,598.4	-33.3	90.4	110.24	96.3
4,700.0	1.57	140.18	4,698.3	-35.3	92.4	110.91	98.9
4,800.0	1.22	145.30	4,798.3	-37.2	93.9	111.63	101.0
4,900.0	1.03	146.25	4,898.3	-38.9	95.0	112.25	102.6
5,000.0	0.94	149.63	4,998.3	-40.3	95.9	112.80	104.0
5,100.0	0.81	146.38	5,098.2	-41.6	96.7	113.28	105.3
5,200.0	0.60	158.24	5,198.2	-42.7	97.3	113.69	106.2
5,300.0	0.51	151.90	5,298.2	-43.6	97.7	114.03	107.0
5,400.0	0.27	179.20	5,398.2	-44.2	97.9	114.29	107.4
5,500.0	0.29	164.93	5,498.2	-44.7	98.0	114.51	107.7
5,600.0	0.28	182.90	5,598.2	-45.2	98.0	114.73	107.9
5,700.0	0.35	190.59	5,698.2	-45.7	98.0	115.01	108.1
5,800.0	0.44	183.35	5,798.2	-46.4	97.9	115.35	108.3
5,900.0	0.58	197.69	5,898.2	-47.3	97.7	115.81	108.5
6,000.0	0.55	201.87	5,998.2	-48.2	97.4	116.32	108.6

Scientific Drilling International, Inc.

SDI Standard Survey Report

Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Cottom Draw Unit #114
Project:	Poker Lake	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	Eddy County, NM	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Well:	Cottom Draw Unit #114	North Reference:	Grid
Wellbore:	VH - Job #32K0910686	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0910686	Database:	EDM-Regulatory

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
6,100.0	0.54	192.11	6,098.2	-49.1	97.1	116.82	108.8
6,200.0	0.49	193.50	6,198.2	-50.0	96.9	117.27	109.0
6,300.0	0.54	183.81	6,298.2	-50.8	96.8	117.72	109.3
6,400.0	0.64	170.21	6,398.2	-51.9	96.8	118.17	109.9
6,500.0	0.63	176.70	6,498.2	-53.0	97.0	118.65	110.5
6,600.0	0.83	148.76	6,598.2	-54.1	97.4	119.07	111.4
6,700.0	0.97	145.35	6,698.2	-55.4	98.2	119.44	112.8
6,800.0	0.96	147.76	6,798.2	-56.9	99.2	119.83	114.3
6,900.0	0.70	145.95	6,898.1	-58.1	99.9	120.16	115.6
7,000.0	0.64	165.67	6,998.1	-59.1	100.4	120.48	116.5
7,100.0	0.41	153.94	7,098.1	-60.0	100.7	120.77	117.2
7,200.0	0.61	201.48	7,198.1	-60.8	100.7	121.12	117.6
7,300.0	0.64	202.33	7,298.1	-61.8	100.3	121.65	117.8
7,400.0	0.66	196.78	7,398.1	-62.9	99.9	122.19	118.0
7,500.0	0.76	193.49	7,498.1	-64.1	99.6	122.76	118.4
7,600.0	0.90	199.49	7,598.1	-65.5	99.2	123.43	118.8
7,700.0	0.65	211.67	7,698.1	-66.7	98.6	124.07	119.0
7,800.0	0.80	206.68	7,798.1	-67.8	98.0	124.67	119.2
7,900.0	0.79	205.44	7,898.1	-69.0	97.4	125.33	119.4
8,000.0	0.87	209.57	7,998.1	-70.3	96.7	126.02	119.6



Project: Poker Lake
Eddy County, NM
Well: Cottom Draw Unit #114
Wellbore: VH - Job #32K0910686
Design: VH - Job #32K0910686

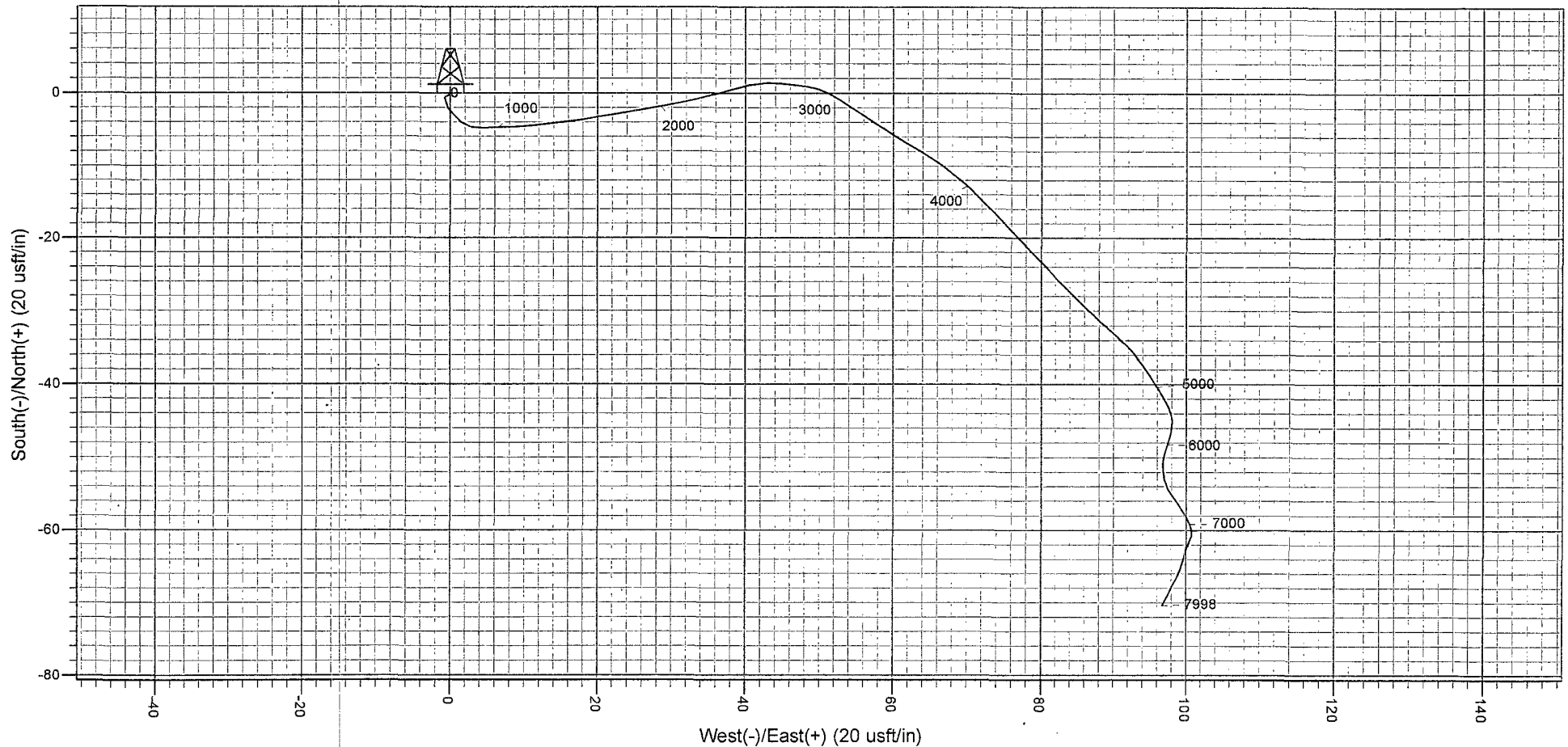


Azimuths to Grid North
True North: -0.30°
Magnetic North: 7.51°

Magnetic Field
Strength: 48705.5snT
Dip Angle: 60.14°
Date: 9/17/2010
Model: BGGM2010

WELL DETAILS: Cottom Draw Unit #114
WELL @ 0.0usft (Original Well Elev)
Ground Level: 0.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	429709.51	676254.87	$32^{\circ} 10' 48.380 \text{ N}$	$103^{\circ} 45' 49.130 \text{ W}$	



PROJECT DETAILS: Poker Lake
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: $32^{\circ} 11' 42.000 \text{ N}$
Longitude: $103^{\circ} 44' 34.800 \text{ W}$
Positional Uncertainty: 0.0
Convergence: 0.31
Local North: Grid