

DISTRICT I

1825 N. French Dr., Hobbs, NM 88240

DISTRICT II

811 South First, Artesia, NM 88210

DISTRICT III

1000 E. Brown Rd., Artesia, NM 87419

DISTRICT IV

2040 South Pacheco, Santa Fe, NM 87506

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised March 17, 1999

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-34783	Pool Code 72122	Pool Name Big Sinks (Wolfcamp)
Property Code 001796	Property Name POKER LAKE UNIT	Well Number 197Q
OCRD No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3441'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	33	24 S	31 E		1650	SOUTH	1980	WEST	EDDY

Bottom Hole Location If Different From Surface

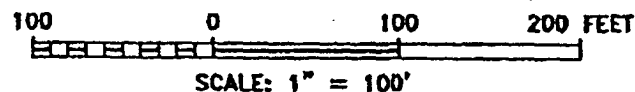
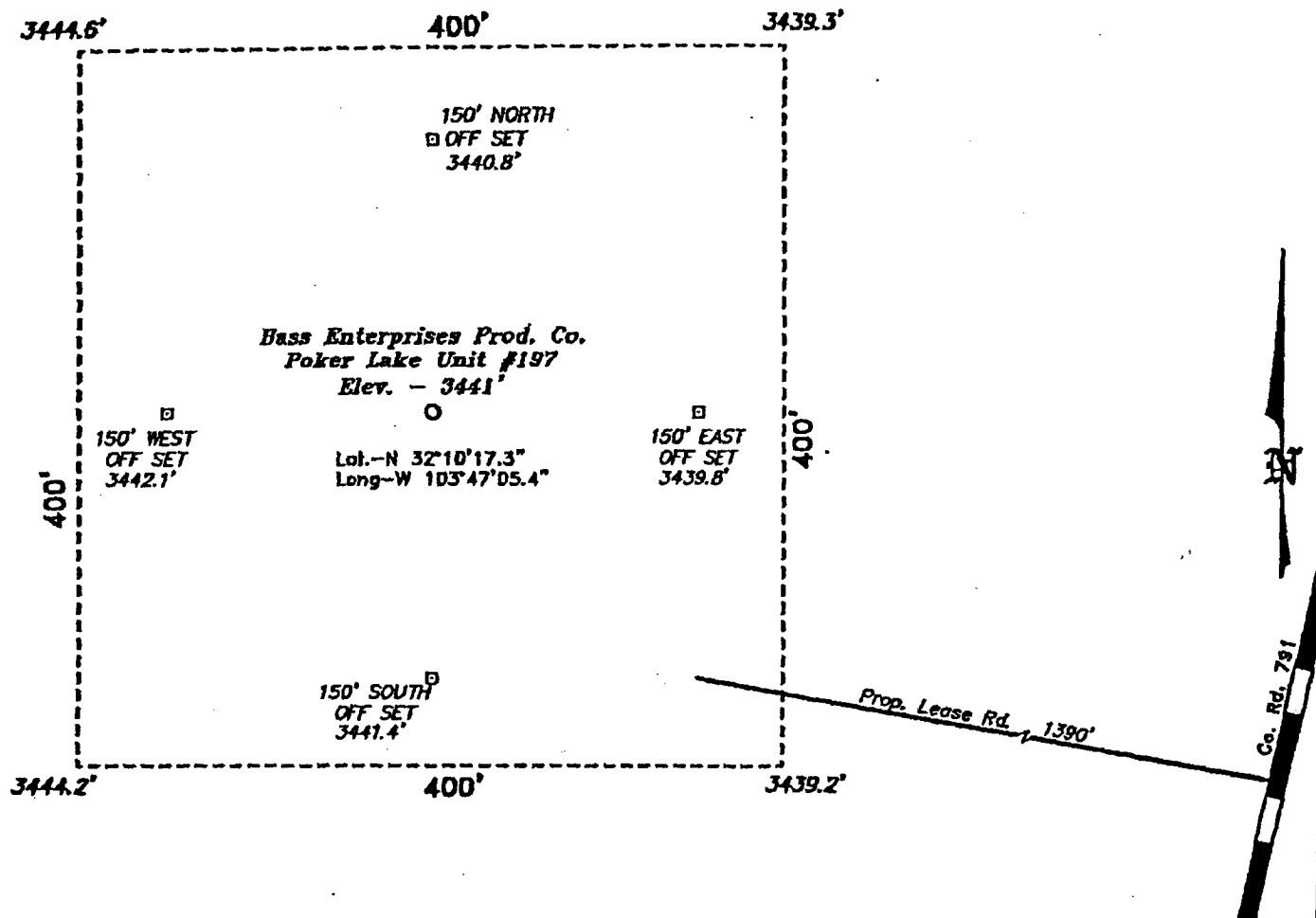
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320	N		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <u>William R. Dannels</u> Signature Williams R. Dannels Printed Name Division Drilling Supt. Title <u>1-28-04</u> Date
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. August 27, 2001 Date Surveyed Signature of <u>MARY L. JONES</u> Professional Surveyor Professional Seal No. <u>1811</u> Certificate No. 7977 BASIN SURVEYS

**SECTION 33, TOWNSHIP 24 SOUTH, RANGE 31 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.**



DIRECTIONS TO LOCATION:

FROM THE JUNCTION OF STATE HWY 128 & CO. RD. 788, GO SOUTHWEST ON CO. RD. 788 APPROX. 4.5 MILES TO CO. RD. 791; THENCE SOUTH ON CO. RD. 791 APPROX. 1.5 MILE TO A PROPOSED LEASE ROAD.

BASS ENTERPRISES PRODUCTION CO.

REF: Poker Lake Unit No. 197 / Well Pad Topo

THE POKER LAKE UNIT No. 197 LOCATED 1650' FROM
THE SOUTH LINE AND 1980' FROM THE WEST LINE OF
SECTION 33, TOWNSHIP 24 SOUTH, RANGE 31 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

BASIN SURVEYS P.O. BOX 1786-HOBBS, NEW MEXICO

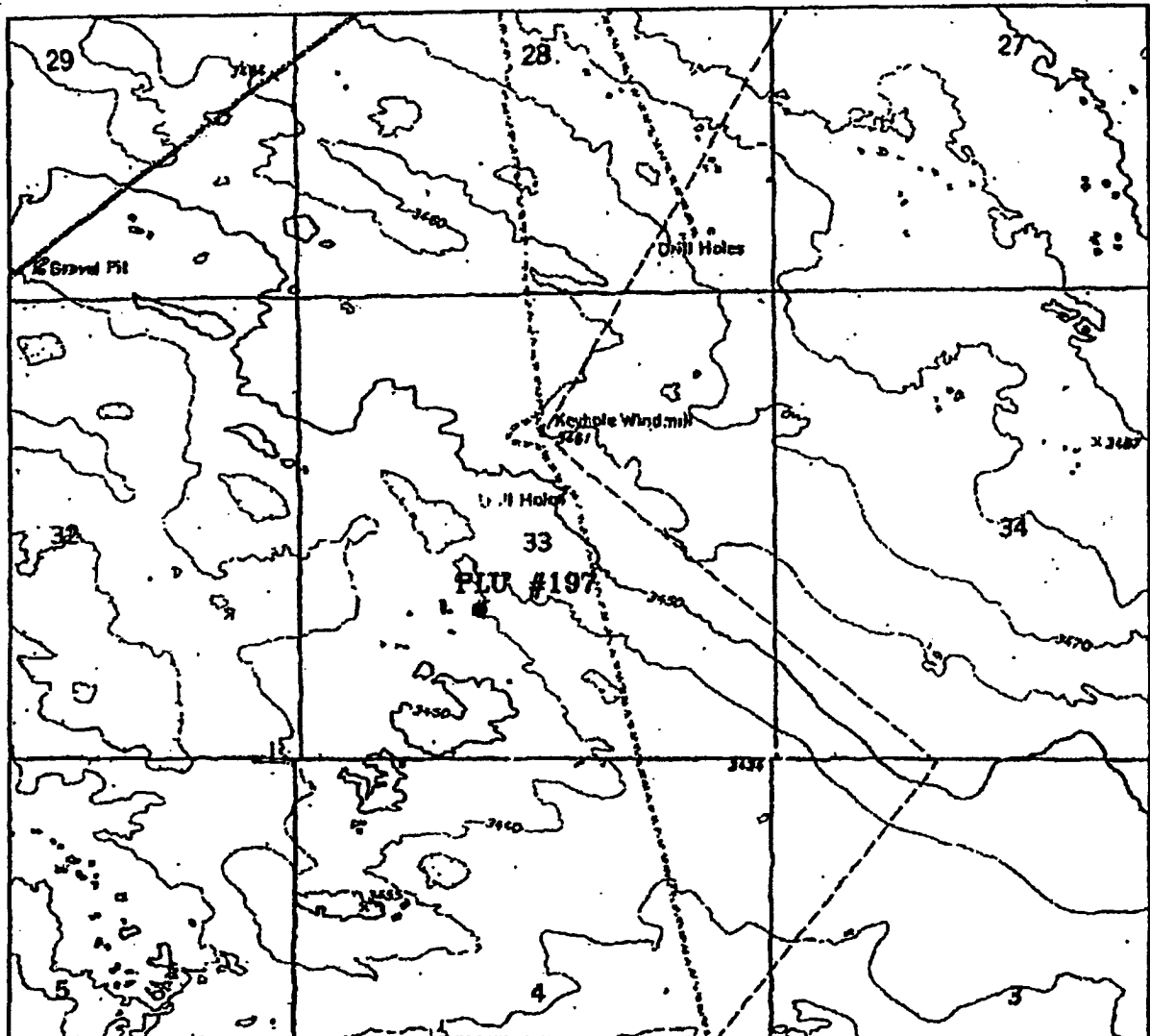
W.O. Number: 1811

Drawn By: K. GOAD

Date: 08-28-2001 Disk: KJG CD#3 - 1811A.DWG

Survey Date: 08-27-2001

Sheet 1 of 1 Sheets

**POKER LAKE UNIT #197**

Located at 1650' FSL and 1980' FWL
Section 33, Township 24 South, Range 31 East,
N.M.P.M., Eddy County, New Mexico.

basin
surveys
focused on excellence
in the oilfield

P.O. Box 1788
1120 N. West County Rd.
Hobbs, New Mexico 88241
(505) 393-7318 - Office
(505) 392-3074 - Fax
basinsurveys.com

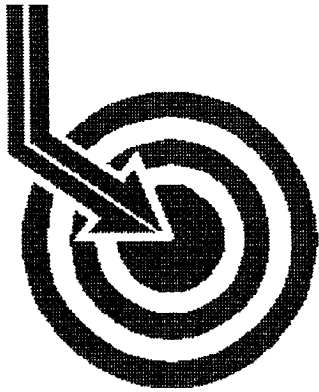
W.O. Number: 1811AA - KJG CD#3

Survey Date: 08-27-2001

Scale: 1" = 2000'

Date: 08-28-2001

BASS ENTERPRISES
PRODUCTION CO.



Scientific Drilling

BASS ENTERPRISES

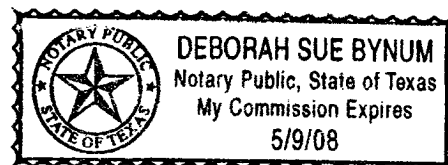
Field: Poker Lake
Site: Eddy County, NM
Well: Poker Lake #197
Wellpath: VH - Job #32K12061068
Survey: 12/31/06

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

.....*R. Wharton*.....Company Representative

Notorized this date 30th of January, 2007.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas



2-5-07
OK



Scientific Drilling International Survey Report

Company: BASS ENTERPRISES	Date: 01/29/2007	Time: 21:33:25	Page: 1
Field: Poker Lake	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Poker Lake #197	Section (VS) Reference:	Well (0.00N,0.00E,218.30Azi)	
Wellpath: VH - Job #32K12061068	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 12/31/06	Start Date: 12/31/2006
Company: Scientific Drilling Internatio	Engineer: Rehders w/Gray
Tool: Keeper,Keeper Gyro	Tied-to: From Surface

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.39	54.42	100.00	-0.33	0.20	0.28	0.39	0.34	54.42
200.00	0.42	34.79	200.00	-1.02	0.70	0.76	0.14	1.03	47.58
300.00	0.46	5.93	299.99	-1.72	1.40	1.01	0.22	1.73	35.95
400.00	0.44	354.01	399.99	-2.34	2.18	1.01	0.10	2.40	24.98
500.00	0.40	2.50	499.99	-2.90	2.91	0.99	0.07	3.07	18.79
600.00	0.49	355.55	599.99	-3.49	3.68	0.97	0.10	3.81	14.78
700.00	0.60	252.03	699.98	-3.37	3.95	0.44	0.86	3.97	6.37
800.00	0.69	253.01	799.98	-2.44	3.61	-0.63	0.09	3.67	350.06
900.00	1.06	288.65	899.97	-1.64	3.73	-2.09	0.64	4.27	330.80
1000.00	1.14	304.87	999.95	-1.27	4.60	-3.78	0.32	5.95	320.58
1100.00	0.95	311.59	1099.93	-1.25	5.71	-5.21	0.23	7.74	317.62
1200.00	0.71	323.08	1199.92	-1.46	6.76	-6.21	0.29	9.18	317.45
1300.00	0.68	325.20	1299.91	-1.79	7.74	-6.92	0.04	10.38	318.22
1400.00	0.63	333.69	1399.91	-2.20	8.72	-7.50	0.11	11.50	319.31
1500.00	0.62	356.58	1499.90	-2.84	9.76	-7.78	0.25	12.48	321.45
1600.00	0.75	11.38	1599.89	-3.82	10.94	-7.68	0.22	13.36	324.93
1700.00	0.92	20.52	1699.88	-5.17	12.33	-7.27	0.22	14.31	329.48
1800.00	1.05	31.23	1799.87	-6.85	13.87	-6.51	0.22	15.32	334.85
1900.00	1.01	44.75	1899.85	-8.63	15.28	-5.42	0.25	16.21	340.48
2000.00	0.83	56.74	1999.84	-10.19	16.30	-4.19	0.26	16.83	345.58
2100.00	0.91	86.70	2099.83	-11.41	16.74	-2.79	0.46	16.97	350.53
2200.00	0.87	102.29	2199.82	-12.27	16.63	-1.26	0.24	16.67	355.68
2300.00	0.83	122.16	2299.81	-12.68	16.08	0.10	0.30	16.08	0.35
2400.00	0.83	121.47	2399.79	-12.84	15.32	1.33	0.01	15.37	4.96
2500.00	0.75	124.68	2499.79	-12.97	14.56	2.48	0.09	14.78	9.68
2600.00	0.78	134.29	2599.78	-12.94	13.72	3.51	0.13	14.16	14.35
2700.00	0.66	147.47	2699.77	-12.68	12.76	4.31	0.20	13.46	18.66
2800.00	0.54	155.66	2799.76	-12.27	11.84	4.81	0.15	12.78	22.11
2900.00	0.53	185.39	2899.76	-11.67	10.95	4.96	0.27	12.02	24.37
3000.00	0.48	191.31	2999.75	-10.91	10.08	4.84	0.07	11.18	25.63
3100.00	0.49	193.00	3099.75	-10.15	9.25	4.66	0.02	10.36	26.72
3200.00	0.34	159.87	3199.75	-9.61	8.56	4.66	0.28	9.75	28.59
3300.00	0.29	167.31	3299.75	-9.29	8.03	4.82	0.06	9.37	30.98
3400.00	0.19	165.60	3399.75	-9.03	7.62	4.92	0.10	9.07	32.82
3500.00	0.09	225.78	3499.75	-8.85	7.41	4.90	0.16	8.88	33.50
3600.00	0.48	114.79	3599.74	-8.87	7.18	5.23	0.52	8.88	36.06
3700.00	0.96	121.60	3699.74	-9.07	6.56	6.32	0.49	9.11	43.92
3800.00	1.41	127.05	3799.72	-9.19	5.38	8.02	0.46	9.66	56.11
3900.00	2.03	135.14	3899.67	-9.01	3.39	10.25	0.66	10.79	71.71
4000.00	2.66	140.50	3999.59	-8.31	0.34	12.97	0.67	12.98	88.49
4100.00	2.60	141.35	4099.48	-7.31	-3.22	15.87	0.07	16.19	101.47
4200.00	2.01	139.88	4199.40	-6.44	-6.33	18.41	0.59	19.47	108.98
4300.00	1.68	139.46	4299.35	-5.81	-8.79	20.50	0.33	22.30	113.21
4400.00	0.97	153.17	4399.32	-5.17	-10.66	21.83	0.77	24.29	116.02
4500.00	0.90	154.68	4499.31	-4.46	-12.12	22.55	0.07	25.60	118.26
4600.00	0.74	166.25	4599.30	-3.72	-13.46	23.04	0.23	26.68	120.30
4700.00	0.66	175.50	4699.29	-2.90	-14.66	23.24	0.14	27.47	122.25
4800.00	0.62	187.37	4799.28	-2.01	-15.77	23.21	0.14	28.06	124.20



Scientific Drilling International Survey Report

Company: BASS ENTERPRISES
Field: Poker Lake
Site: Eddy County, NM
Well: Poker Lake #197
Wellpath: VH - Job #32K12061068

Date: 01/29/2007 **Time:** 21:33:25 **Page:** 2
Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,218.30Azi)
Survey Calculation Method: Minimum Curvature **Db:** Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.00	0.61	195.26	4899.28	-1.05	-16.82	23.00	0.09	28.50	126.18
5000.00	0.60	195.30	4999.27	-0.08	-17.84	22.72	0.01	28.89	128.14
5100.00	0.62	192.99	5099.27	0.89	-18.87	22.46	0.03	29.34	130.03
5200.00	0.45	199.99	5199.26	1.75	-19.77	22.21	0.18	29.73	131.67
5300.00	0.34	205.67	5299.26	2.41	-20.41	21.95	0.12	29.97	132.92
5400.00	0.27	215.22	5399.26	2.94	-20.87	21.68	0.09	30.09	133.90
5500.00	0.25	223.15	5499.26	3.39	-21.22	21.40	0.04	30.13	134.76
5600.00	0.23	226.39	5599.26	3.81	-21.51	21.10	0.02	30.14	135.56
5700.00	0.20	247.21	5699.25	4.16	-21.72	20.80	0.08	30.07	136.25
5800.00	0.16	279.62	5799.25	4.38	-21.76	20.50	0.11	29.90	136.72
5900.00	0.14	275.96	5899.25	4.51	-21.73	20.24	0.02	29.69	137.04
6000.00	0.15	258.85	5999.25	4.67	-21.74	19.99	0.04	29.53	137.41
6100.00	0.18	224.27	6099.25	4.93	-21.88	19.75	0.10	29.47	137.93
6200.00	0.25	196.68	6199.25	5.29	-22.20	19.58	0.12	29.60	138.59
6300.00	0.26	191.57	6299.25	5.69	-22.63	19.47	0.02	29.85	139.30
6400.00	0.31	183.98	6399.25	6.12	-23.12	19.41	0.06	30.19	140.00
6500.00	0.42	188.53	6499.25	6.66	-23.76	19.33	0.11	30.63	140.86
6600.00	0.42	192.08	6599.25	7.31	-24.48	19.20	0.03	31.11	141.89
6700.00	0.44	198.84	6699.24	8.00	-25.20	19.00	0.05	31.56	142.98
6800.00	0.58	207.41	6799.24	8.86	-26.01	18.64	0.16	32.00	144.37
6900.00	0.55	215.12	6899.23	9.84	-26.85	18.13	0.08	32.40	145.97
7000.00	0.59	215.55	6999.23	10.83	-27.67	17.56	0.04	32.77	147.60
7100.00	0.59	223.37	7099.22	11.86	-28.46	16.91	0.08	33.10	149.29
7200.00	0.58	222.56	7199.22	12.87	-29.21	16.21	0.01	33.40	150.97
7300.00	0.57	203.02	7299.21	13.86	-30.04	15.67	0.20	33.88	152.44
7400.00	0.60	198.03	7399.21	14.83	-30.99	15.32	0.06	34.57	153.70
7500.00	0.58	195.13	7499.20	15.79	-31.98	15.02	0.04	35.33	154.84
7600.00	0.61	193.82	7599.20	16.74	-32.98	14.76	0.03	36.14	155.89
7700.00	0.59	194.38	7699.19	17.69	-34.00	14.51	0.02	36.97	156.89
7800.00	0.62	191.33	7799.19	18.64	-35.03	14.27	0.04	37.83	157.83
7900.00	0.59	194.49	7899.18	19.60	-36.06	14.04	0.04	38.69	158.73
8000.00	0.48	203.85	7999.18	20.47	-36.94	13.74	0.14	39.41	159.60
8100.00	0.50	205.35	8099.17	21.30	-37.72	13.38	0.02	40.02	160.46
8200.00	0.43	213.39	8199.17	22.10	-38.42	12.99	0.10	40.56	161.32
8300.00	0.35	255.84	8299.17	22.72	-38.81	12.49	0.29	40.77	162.16
8400.00	0.48	276.24	8399.17	23.18	-38.84	11.78	0.19	40.59	163.13
8500.00	0.41	322.68	8499.16	23.32	-38.51	11.14	0.36	40.09	163.86
8600.00	1.69	13.57	8599.14	21.89	-36.79	11.27	1.47	38.48	162.97
8700.00	1.51	16.92	8699.11	19.32	-34.10	12.00	0.20	36.15	160.61
8800.00	1.21	3.86	8799.08	17.22	-31.79	12.46	0.43	34.14	158.60
8900.00	1.25	351.09	8899.05	15.61	-29.65	12.36	0.28	32.13	157.38
9000.00	0.81	72.68	8999.04	14.29	-28.37	12.86	1.39	31.15	155.61
9100.00	1.15	90.52	9099.03	13.09	-28.17	14.54	0.45	31.70	152.69
9200.00	1.16	111.67	9199.01	12.19	-28.55	16.49	0.42	32.97	149.99
9300.00	0.88	146.77	9298.99	12.14	-29.56	17.85	0.67	34.53	148.88
9400.00	0.72	177.83	9398.98	12.86	-30.83	18.29	0.46	35.85	149.32
9500.00	0.54	219.68	9498.98	13.81	-31.82	18.01	0.48	36.57	150.49
9600.00	1.03	284.46	9598.97	14.64	-31.96	16.84	0.94	36.13	152.21
9700.00	1.47	301.36	9698.95	15.16	-31.07	14.88	0.57	34.45	154.41
9800.00	1.43	314.62	9798.92	15.18	-29.53	12.89	0.34	32.22	156.41
9900.00	1.45	323.65	9898.88	14.71	-27.63	11.26	0.23	29.84	157.84
10000.00	1.58	327.90	9998.85	13.91	-25.44	9.77	0.17	27.26	158.99



Scientific Drilling International

Survey Report

Company: BASS ENTERPRISES
 Field: Poker Lake
 Site: Eddy County, NM
 Well: Poker Lake #197
 Wellpath: VH - Job #32K12061068

Date: 01/29/2007 Time: 21:33:25 Page: 3
 Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
 Vertical (TVD) Reference: SITE 0.0
 Section (VS) Reference: Well (0.00N,0.00E,218.30Azi)
 Survey Calculation Method: Minimum Curvature Db: Sybase

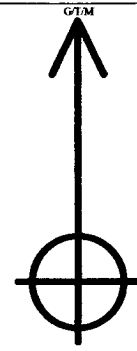
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
10100.00	1.73	321.24	10098.81	13.11	-23.10	8.10	0.24	24.48	160.68
10200.00	1.78	308.89	10198.76	12.76	-20.95	5.94	0.38	21.77	164.16
10300.00	1.28	304.88	10298.72	12.81	-19.33	3.82	0.51	19.71	168.83
10400.00	1.23	299.64	10398.70	13.04	-18.16	1.97	0.13	18.27	173.82
10500.00	1.08	222.97	10498.69	14.14	-18.32	0.39	1.44	18.33	178.77
10600.00	1.48	208.75	10598.66	16.35	-20.14	-0.87	0.51	20.16	182.47
10700.00	2.05	211.77	10698.61	19.40	-22.80	-2.43	0.58	22.93	186.09
10800.00	1.66	231.56	10798.56	22.59	-25.22	-4.51	0.74	25.62	190.14
10900.00	1.47	301.43	10898.53	24.15	-25.45	-6.74	1.80	26.33	194.83
11000.00	1.45	313.48	10998.50	24.19	-23.91	-8.75	0.31	25.46	200.10
11100.00	1.10	320.33	11098.47	23.87	-22.30	-10.28	0.38	24.56	204.75
11200.00	1.08	318.61	11198.46	23.51	-20.86	-11.52	0.04	23.82	208.91
11300.00	1.04	314.27	11298.44	23.24	-19.52	-12.79	0.09	23.33	213.24
11400.00	0.86	316.80	11398.43	23.04	-18.33	-13.95	0.18	23.04	217.28
11500.00	0.79	315.32	11498.42	22.84	-17.30	-14.95	0.07	22.86	220.84
11600.00	0.81	324.89	11598.41	22.56	-16.23	-15.84	0.13	22.68	224.31
11700.00	0.82	325.72	11698.40	22.14	-15.06	-16.65	0.02	22.45	227.88
11800.00	0.61	310.18	11798.39	21.91	-14.12	-17.46	0.28	22.46	231.03
11900.00	1.01	184.62	11898.38	22.62	-14.66	-17.94	1.45	23.17	230.75
12000.00	1.38	186.72	11998.36	24.38	-16.73	-18.15	0.37	24.69	227.33
12100.00	1.44	190.47	12098.33	26.52	-19.17	-18.52	0.11	26.65	224.02
12200.00	1.44	190.02	12198.30	28.74	-21.64	-18.97	0.01	28.78	221.24
12300.00	1.15	197.50	12298.27	30.78	-23.83	-19.49	0.34	30.79	219.28
12393.00	1.10	205.84	12391.26	32.53	-25.53	-20.16	0.18	32.53	218.30



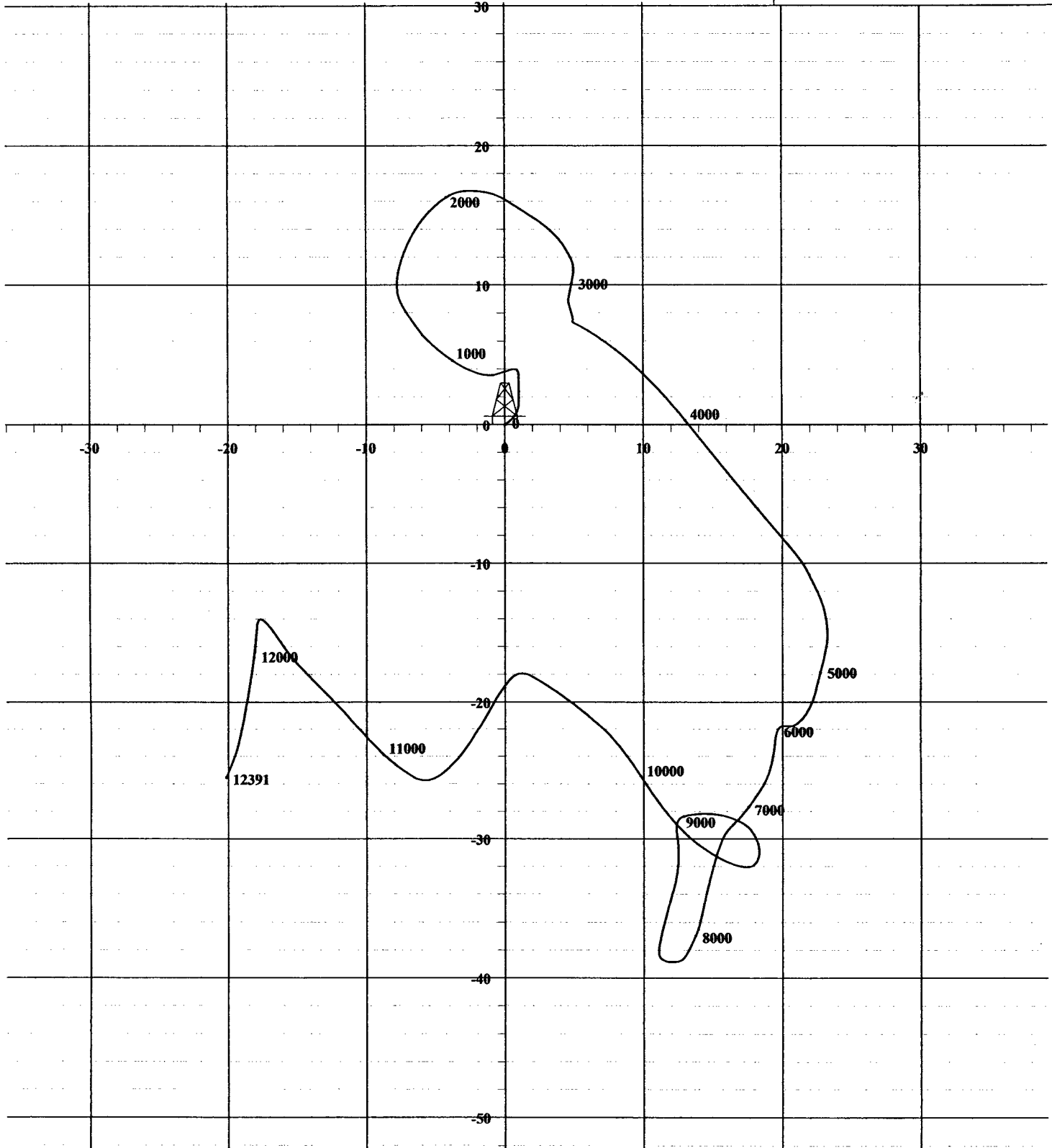
Scientific
Drilling

Field: Poker Lake
Site: Eddy County, NM
Well: Poker Lake #197
Wellpath: VH - Job #32K12061068
Survey: 12/31/06



Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°
Magnetic Field
Strength: 0uT
Dip Angle: 0.00°
Date: 01/29/2007
Model: sgr2000

South(-)/North(+) [10ft/in]



West(-)/East(+) [10ft/in]