

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

S

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other _____

2. Name of Operator
BEPCO, L.P.

SEP - 5 2008

3. Address
P.O. BOX 2760 MIDLAND TX 79702-2760

OCD-ARTESIA

a. Phone No. (Include area code)
(432)683-2277

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

SEP - 5 2008

At Surface UNIT LETTER K, 1650' FSL & 1980' FWL

At top prod interval reported below SAME

At total depth SAME

OCD-ARTESIA

CONFIDENTIAL

14 Date Spudded
11/12/2006

15. Date T D Reached
01/10/2007

16 Date Completed
☐ D & A ☒ Ready to Prod.
03/09/2007

5. Lease Serial No.
NMNM 030454

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.
NMNM 71016X

8. Lease Name and Well No.

POKER LAKE UNIT 197Q

9. API Well No.

30-015-34783 0051

10. Field and Pool, or Exploratory

BIG SINKS, WOLFCAMP

11. Sec, T., R., M., on Block and

Survey or Area SEC. 33, T24S, R31E

12. County or Parish
EDDY

13. State
NM

17. Elevations (DF, RKB, RT, GL)*
3441' GL

18. Total Depth MD 13252
TVD

19. Plug Back T.D.: MD 13159'
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
Platform Express Hi Res Laterolog Array/Array Induction Final Composite
Platform Express Density/Neutron Final Composite

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.5"	13.375"	54.5, 68	0	894'		850 SX		SURFACE	
12.25"	9.625"	40#	0	4340'		1810 SX		SURFACE	
8.75"	7"	26#	0	12640'	8586'	2700 SX		6606'	
6.125"	4.5"	15.1#	12332'	13250		150 SX		GR/CCL	
								12332' TOL	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875"	12293'		2.375	12892.27'				

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12926.5	13014'	12926.5'-12931.5'	.38	12	PRODUCING
B)			12940-12960'	.38	40	PRODUCING
C)			12972-12984'	.38	24	PRODUCING
D)			12294-13014'	.38	40	PRODUCING

27. Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
12926.5-13014'	FRAC WITH 59532 GALS. 2% KCL, 30442 GALS. 10# LINEAR GEL, 101879 GALS VIKING 2500D XL GEL, 58624 LBS 40/70 CARBO-PROP, AND 159133 LBS OF 18/40 ULTRA-PROP.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
03/09/07	03/11/07	24	→	0	205	40			FLOWING
Choice Size	Tbg Press Flwg SI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
WO	255	0	→	0	205	40		PRODUCING	

Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD
/S/ DAVID R. GLASS
MAY 22 2007
DAVID R. GLASS
PETROLEUM ENGINEER

28b Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

28c. Production - Interval D

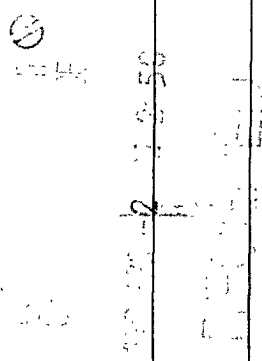
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones or porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				T/RUSTLER	520'
				T/SALT	940'
				B/SALT	4110'
				T/DELAWARE	4324'
				T/BONE SPRING LIME	8180'
				T/WOLFCAMP	11590'

32. Additional remarks (include plugging procedure):

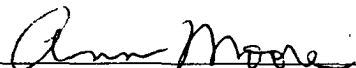
33. Indicate which items have been attached by placing a check in the appropriate boxes.

- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geological Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) ANN MOORETitle PRODUCTION CLERK

Signature

Date 03/29/2007

Title 18 U.S.C. Section 101 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT I

1825 N. French Dr., Hobbs, NM 88240

DISTRICT II

811 South First, Artesia, NM 88210

DISTRICT III

1000 Rio Bramos Rd., Artesia, NM 87410

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 87504-2068

☐ 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
OGRIID 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

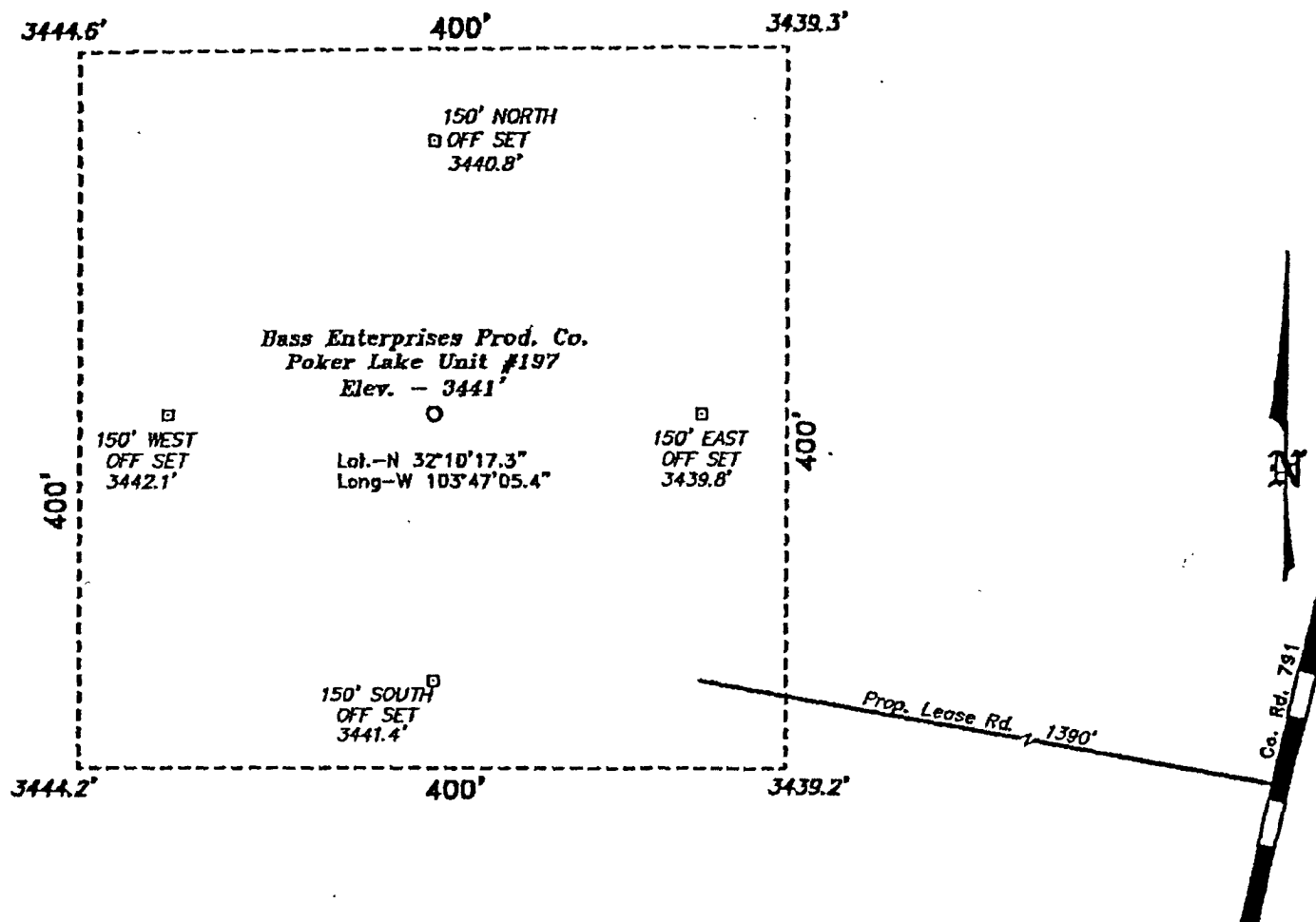
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320	Joint or Infill N	Consolidation Code	Order No.						

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 <u>Henry L. Jones</u> Signature Professional Surveyor State of New Mexico No. 7977 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.

100 0 100 200 FEET
SCALE: 1" = 100'

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

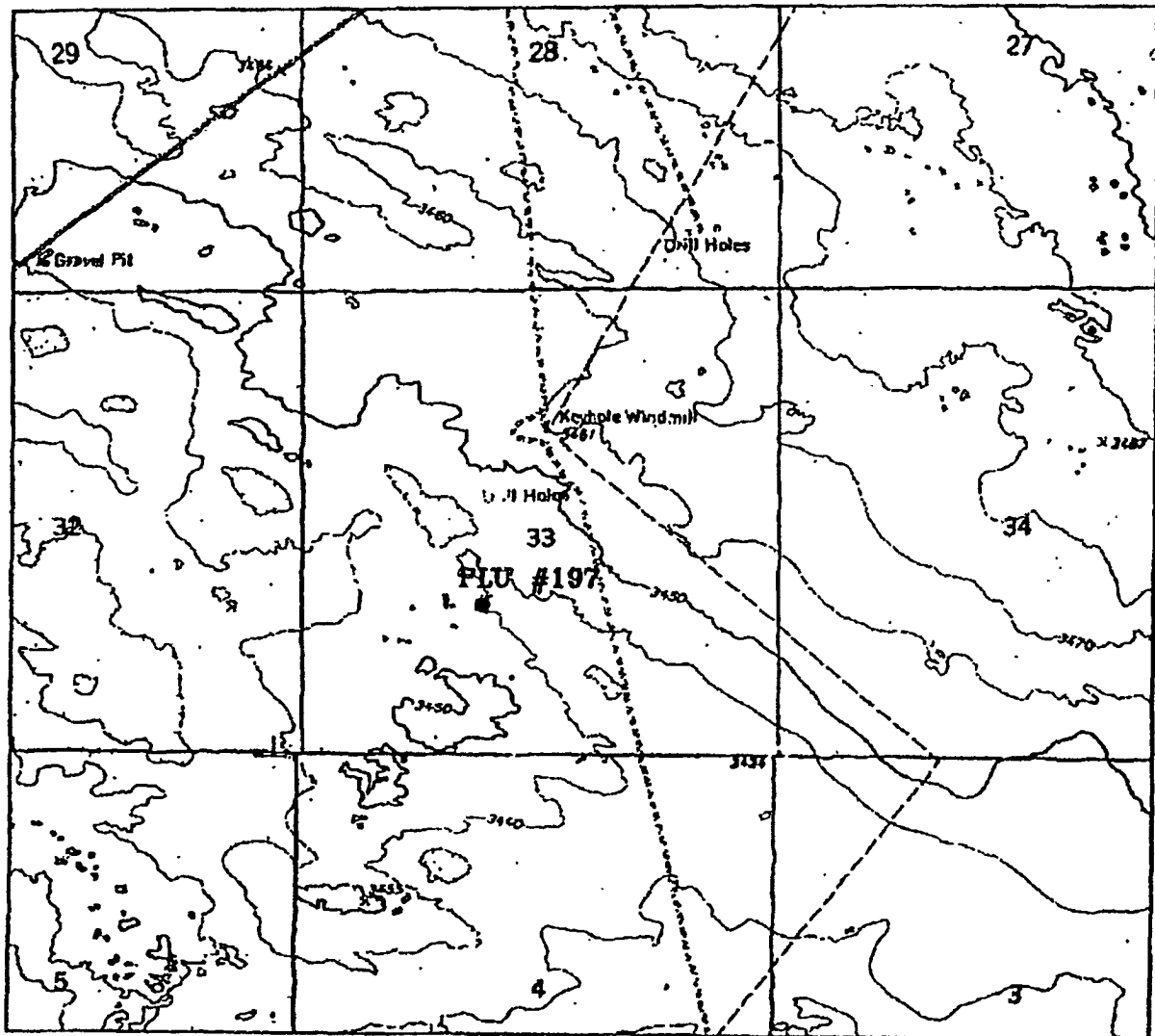
W.O. Number: 1811

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
 basin-surveys.com

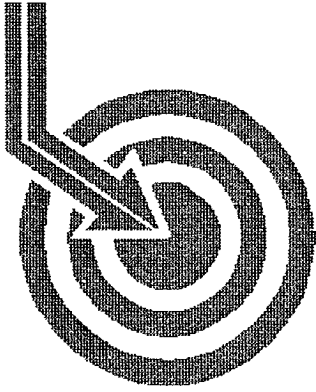
W.D. Number: 1811AA - KJG CD#3

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

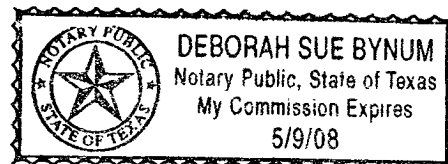
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....*K. Wharton*.....Company Representative

Notorized this date 30th of January, 2007.

Deborah Sue Bynum
Notary Signature

County of Midland
State of Texas



2-5-07
CEA



Scientific
Drilling

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:** 1
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: 12/31/06
KSRG 0'-12393'
Company: Scientific Drilling Internatio
Tool: Keeper;Keeper Gyro

Start Date: 12/31/2006
Engineer: Rehders w/Gray
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

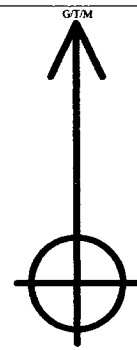
Survey

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



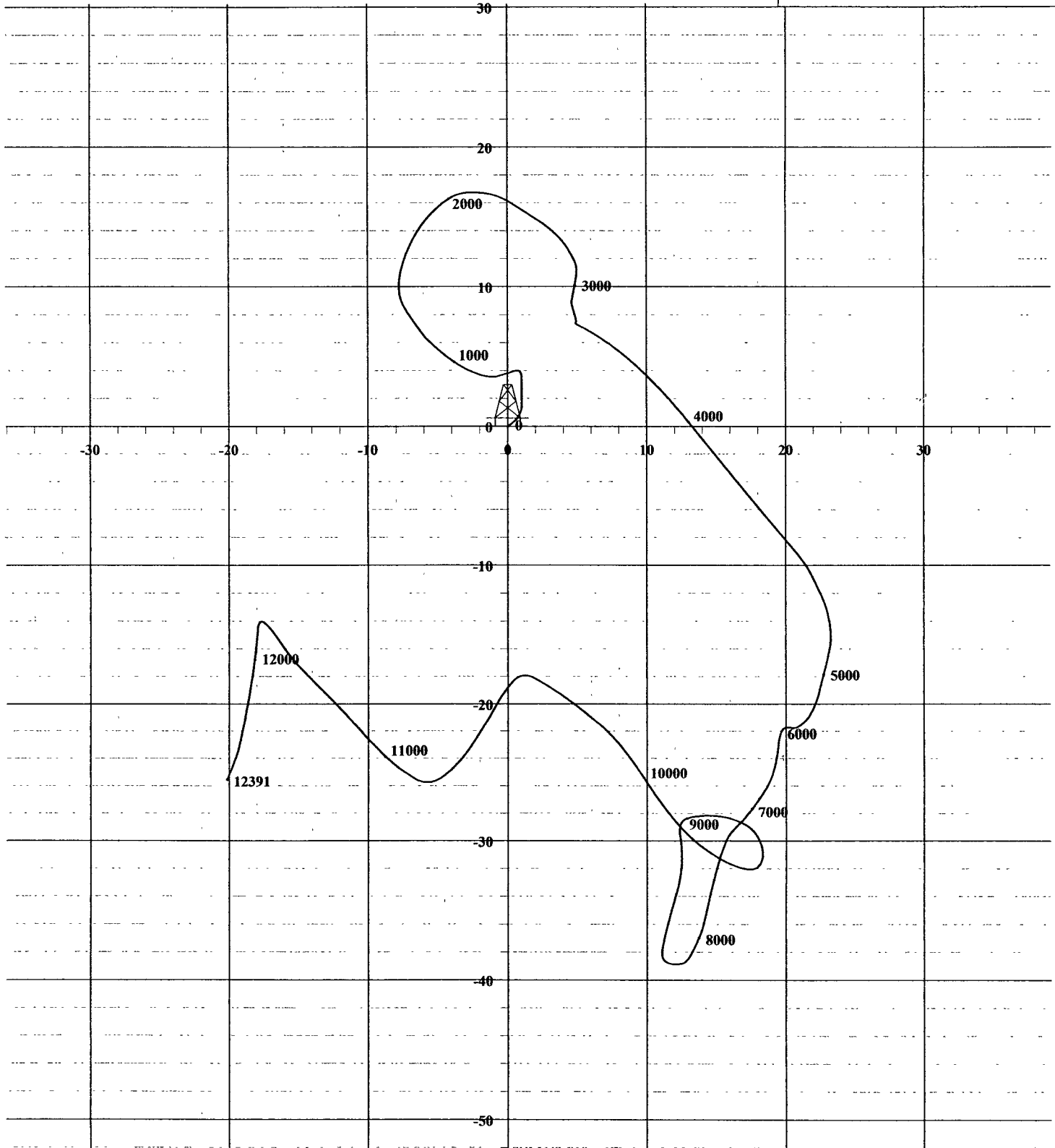
Scientific
Drilling

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: 0.1
Dip Angle: 0.00°
Date: 01/29/2007
Model: grf2000

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



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