

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV
1220 St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-34404	Pool Code 47545	Pool Name Nash Draw (Del/BS/Avalon Sand)
Property Code 001796	Property Name POKER LAKE UNIT	Well Number 251H
OGRID No. 001801	Operator Name BEPCO, L.P.	Elevation 3180'

Surface Location

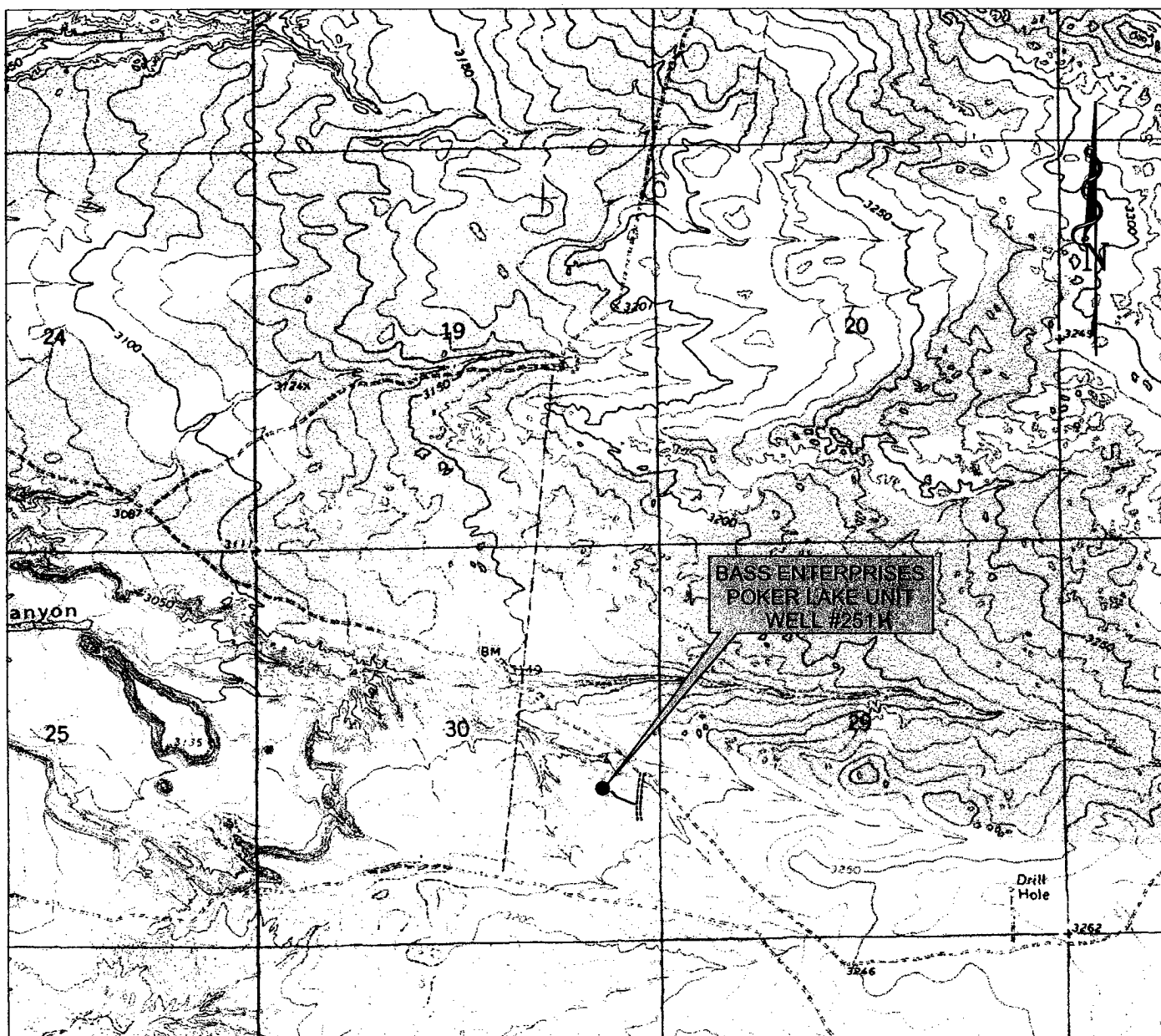
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	30	24 S	30 E		1980	SOUTH	785	EAST	EDDY

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
G	30	24 S	30 E		1626.6	NORTH	2275	EAST	EDDY
Dedicated Acres 160	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

40.28 ACRES LOT 1	80.00 ACRES		OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Cindi Goodman 11/30/06 Signature Date Cindi Goodman Printed Name
40.31 ACRES LOT 2	80.00 ACRES		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. Date Surveyed Signature of Professional Surveyor Professional Surveyor 7977 Certificate No. Gary L. Jones 7977 BASIN SURVEYS
40.35 ACRES LOT 3	80.00 ACRES		
40.38 ACRES LOT 4	80.00 ACRES		



BASS ENTERPRISES POKER LAKE UNIT #251 H
 1980' F.S.L. & 785' F.E.L., SECTION 30,
 TOWNSHIP 24 SOUTH, RANGE 30 EAST, N.M.P.M.
 EDDY COUNTY, NEW MEXICO

basin
surveys
 focused on excellence
 in the oilfield

P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (505) 393-7316 - Office
 (505) 392-3074 - Fax
 basin-surveys.com

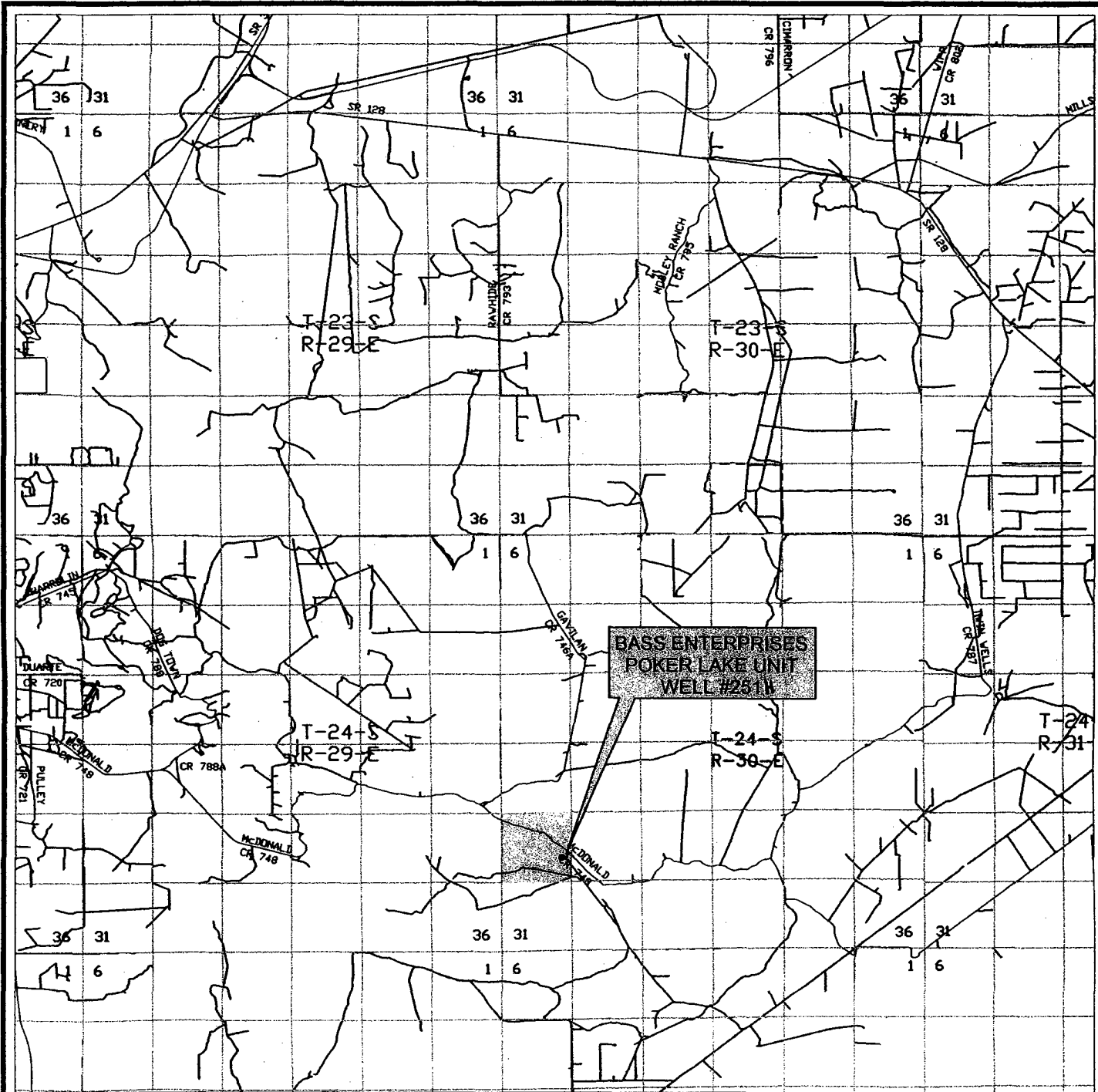
W.O. Number: SS-C:\DRAWINGS\BASS\BASS5644-2

Survey Date: 7-27-2005

Scale: 1" = 2000'

Date: 8-1-2005

BEPKO, L.P.



BASS ENTERPRISES POKER LAKE UNIT #251 H
 1980' F.S.L. & 785' F.E.L., SECTION 30
 TOWNSHIP 24 SOUTH, RANGE 30 EAST, N.M.P.M.
 EDDY COUNTY, NEW MEXICO

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W.O. Number: SS-C:\DRAWINGS\BASS\BASS5644-2

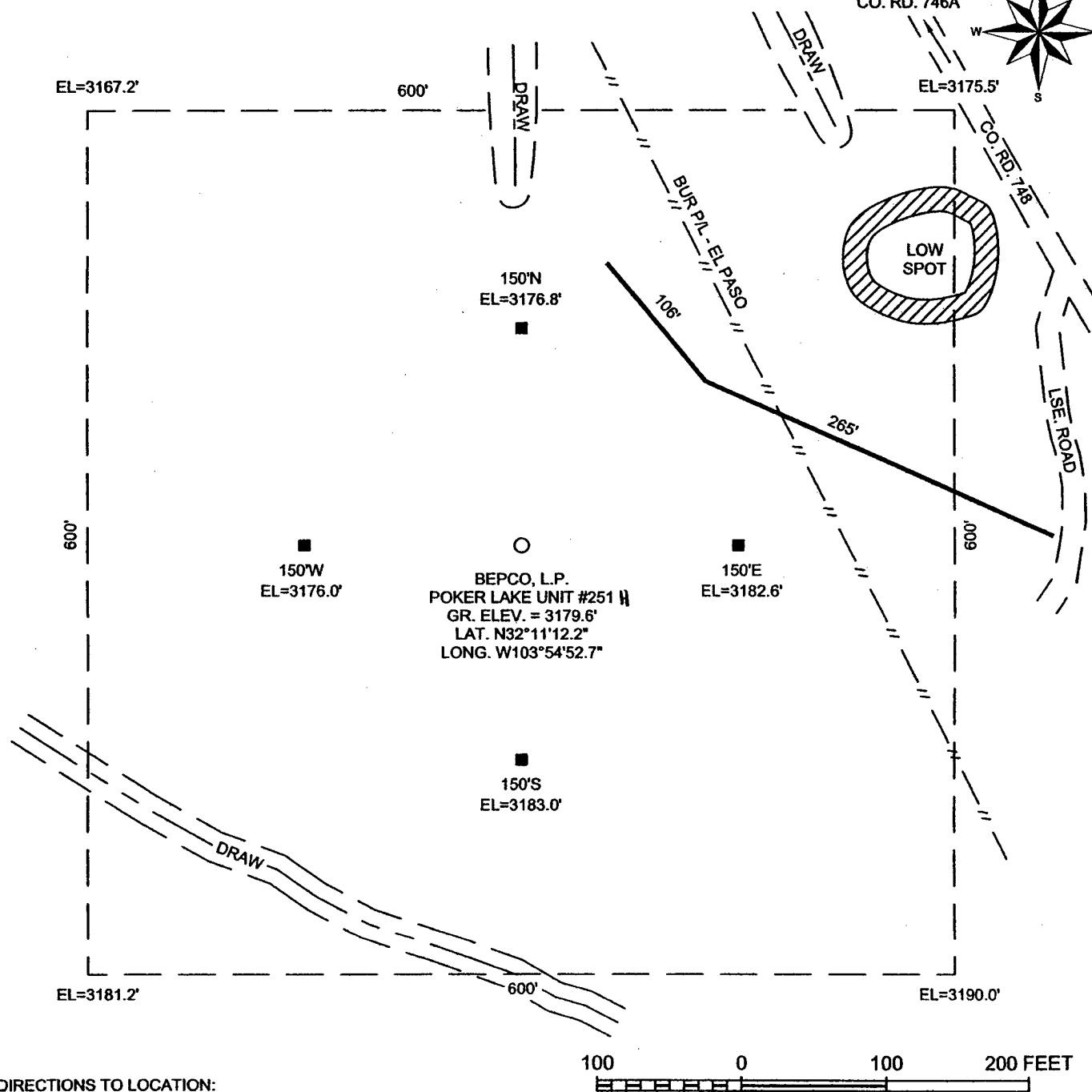
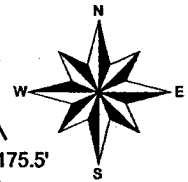
Survey Date: 7-27-2005

Scale: 1" = 2000'

Date: 8-1-2005

BEPCO, L.P.

1.4 MILES TO
CO. RD. 746A



FROM THE INTERSECTION OF CO. RD. 746A AND CO. RD. 748,
TAKE CO. RD. 748 SE APPROX. 1.4 MILES TO A LEASE ROAD
THAT GOES OFF IN A SOUTHWESTERY DIRECTION. TAKE
LEASE ROAD APPROX. 60 FEET TO THE BEGINNING OF PROPOSED
LEASE ROAD TO PLU#251

Date: 8-1-2005	Disk:C:\DRAWINGS\BASS\BASS5644-1
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THE POKER LAKE UNIT No. 2511 LOCATED
1980' F.S.L. AND 785' F.E.L., SECTION 30
TOWNSHIP 24 SOUTH, RANGE 30 EAST, N.M.P.M.
EDDY COUNTY, NEW MEXICO

Survey Date: 7-27-2005

Sheet 1 of 1 Sheets



Bass Enterprises Production Co.

Eddy Co., New Mexico (Nad 83)

Poker Lake Unit #251

Poker Lake Unit #251

Lateral #1

Survey: MWD Survey #1

Standard Survey Report

13 August, 2006





Black Viper Energy

Survey Report



Company: Bass Enterprises Production Co.
 Project: Eddy Co., New Mexico (Nad 83)
 Site: Poker Lake Unit #251
 Well: Poker Lake Unit #251
 Wellbore: Lateral #1
 Design: Lateral #1

Local Co-ordinate Reference:
 TVD Reference:
 MD Reference:
 North Reference:
 Survey Calculation Method:
 Database:

Well Poker Lake Unit #251
 WELL @ 0.00ft (Original Well Elev)
 WELL @ 0.00ft (Original Well Elev)
 True
 Minimum Curvature
 EDM 2003.14.1.0 Server DB

Project	Eddy Co., New Mexico (Nad 83)		
Map System:	US State Plane 1983	System Datum:	Ground Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Poker Lake Unit #251				
Site Position:		Northing:	431,917.08 ft	Latitude:	32° 11' 12.200 N
From:	Lat/Long	Easting:	670,865.91 ft	Longitude:	103° 54' 52.700 W
Position Uncertainty:	0.00 ft	Slot Radius:	"	Grid Convergence:	0.22 °

Well	Poker Lake Unit #251					
Well Position	+N-S	0.00 ft	Northing:	431,917.08 ft	Latitude:	32° 11' 12.200 N
	+E-W	0.00 ft	Easting:	670,865.91 ft	Longitude:	103° 54' 52.700 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	0.00 ft

Wellbore	Lateral #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	6/19/2006	8.32	60.22	49,096

Design	Lateral #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	6,737.00
Vertical Section:	Depth From (TVD) (ft)	+N-S (ft)	+E-W (ft)	Direction (°)	
	0.00	0.00	0.00	277.24	

Survey Program	Date 8/13/2006				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
100.00	6,737.00	Gyro Survey #1 (OH)	GM	Gyro Multi-Shot	
6,788.00	9,240.00	MWD Survey #1 (Lateral #1)	MWD	Standard MWD	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
6,737.00	0.66	196.09	6,736.30	4.61	-58.25	58.37	0.00	0.00	0.00
6,788.00	1.50	296.50	6,787.29	4.63	-58.93	59.04	3.42	1.65	196.88
First MWD Survey									
6,820.00	4.70	311.10	6,819.24	5.68	-60.29	60.53	10.22	10.00	45.63
6,852.00	8.10	310.60	6,851.04	8.01	-62.99	63.50	10.63	10.63	-1.56
6,883.00	11.60	313.10	6,881.58	11.56	-66.93	67.85	11.37	11.29	8.06
6,915.00	15.60	315.50	6,912.67	16.83	-72.30	73.84	12.62	12.50	7.50
6,946.00	20.10	318.00	6,942.17	23.76	-78.78	81.15	14.72	14.52	8.06
6,978.00	24.30	319.10	6,971.79	32.83	-86.78	90.23	13.19	13.13	3.44
7,010.00	28.70	319.50	7,000.43	43.65	-96.08	100.82	13.76	13.75	1.25
7,042.00	33.20	319.90	7,027.86	56.20	-106.72	112.96	14.08	14.06	1.25
7,074.00	37.50	319.90	7,053.96	70.36	-118.65	126.57	13.44	13.44	0.00



Black Viper Energy Survey Report



Company: Bass Enterprises Production Co.
Project: Eddy Co., New Mexico (Nad 83)
Site: Poker Lake Unit #251
Well: Poker Lake Unit #251
Wellbore: Lateral #1
Design: Lateral #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well Poker Lake Unit #251
WELL @ 0.00ft (Original Well Elev)
WELL @ 0.00ft (Original Well Elev)
True
Minimum Curvature
EDM 2003.14.1.0 Server DB

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
7,105.00	41.80	318.70	7,077.82	85.35	-131.55	141.26	14.09	13.87	-3.87
7,137.00	45.80	318.40	7,100.91	101.95	-146.21	157.89	12.52	12.50	-0.94
7,169.00	49.60	318.20	7,122.44	119.61	-161.95	175.74	11.88	11.88	-0.63
7,201.00	53.80	318.10	7,142.27	138.31	-178.70	194.71	13.13	13.13	-0.31
7,233.00	57.60	318.20	7,160.30	158.00	-196.34	214.69	11.88	11.88	0.31
7,265.00	62.00	319.10	7,176.39	178.76	-214.60	235.42	13.96	13.75	2.81
7,297.00	66.50	318.60	7,190.29	200.46	-233.56	256.97	14.13	14.06	-1.56
7,329.00	71.60	318.20	7,201.73	222.80	-253.40	279.47	15.98	15.94	-1.25
7,361.00	76.30	318.30	7,210.58	245.73	-273.87	302.67	14.69	14.69	0.31
7,392.00	81.40	319.40	7,216.57	268.63	-293.88	325.40	16.82	16.45	3.55
7,423.00	86.60	322.10	7,219.81	292.50	-313.37	347.75	18.88	16.77	8.71
7,453.00	91.50	322.30	7,220.31	316.19	-331.75	368.97	16.35	16.33	0.67
7,485.00	93.60	322.50	7,218.88	341.52	-351.25	391.51	6.59	6.56	0.63
7,515.00	93.80	322.40	7,216.95	365.25	-369.50	412.60	0.75	0.67	-0.33
7,547.00	94.10	322.10	7,214.74	390.49	-389.04	435.17	1.32	0.94	-0.94
7,579.00	93.90	322.60	7,212.51	415.77	-408.54	457.70	1.68	-0.63	1.56
7,611.00	93.20	323.10	7,210.53	441.23	-427.83	480.04	2.69	-2.19	1.56
7,675.00	89.90	321.70	7,208.80	491.90	-466.86	525.15	5.60	-5.16	-2.19
7,738.00	90.20	321.00	7,208.74	541.11	-506.21	570.39	1.21	0.48	-1.11
7,801.00	90.00	320.20	7,208.63	589.79	-546.19	616.19	1.31	-0.32	-1.27
7,864.00	90.70	319.50	7,208.25	637.94	-586.81	662.56	1.57	1.11	-1.11
7,928.00	91.50	319.60	7,207.02	686.63	-628.33	709.88	1.26	1.25	0.16
7,992.00	92.60	320.20	7,204.73	735.56	-669.53	756.92	1.96	1.72	0.94
8,055.00	92.00	319.20	7,202.20	783.56	-710.24	803.36	1.85	-0.95	-1.59
8,119.00	91.00	317.60	7,200.53	831.40	-752.71	851.53	2.95	-1.56	-2.50
8,182.00	91.00	316.80	7,199.43	877.62	-795.51	899.81	1.27	0.00	-1.27
8,246.00	93.80	318.90	7,196.75	925.02	-838.42	948.35	5.47	4.38	3.28
8,309.00	94.30	318.10	7,192.30	972.09	-880.06	995.59	1.49	0.79	-1.27
8,341.00	94.80	318.20	7,189.76	995.85	-901.34	1,019.70	1.59	1.56	0.31
8,404.00	95.00	317.80	7,184.38	1,042.50	-943.34	1,067.24	0.71	0.32	-0.63
8,468.00	93.80	317.60	7,179.47	1,089.69	-986.29	1,115.80	1.90	-1.88	-0.31
8,563.00	95.10	317.80	7,172.10	1,159.74	-1,050.03	1,187.86	1.38	1.37	0.21
8,595.00	93.80	317.90	7,169.61	1,183.40	-1,071.44	1,212.08	4.07	-4.06	0.31
8,627.00	92.60	318.40	7,167.83	1,207.19	-1,092.75	1,236.23	4.06	-3.75	1.56
8,659.00	92.70	318.10	7,166.35	1,231.04	-1,114.04	1,260.35	0.99	0.31	-0.94
8,721.00	92.70	318.11	7,163.43	1,277.14	-1,155.40	1,307.19	0.02	0.00	0.02
8,785.00	91.30	317.50	7,161.19	1,324.53	-1,198.35	1,355.78	2.39	-2.19	-0.95
8,848.00	91.00	317.10	7,159.93	1,370.82	-1,241.07	1,403.99	0.79	-0.48	-0.63
8,912.00	91.20	317.00	7,158.70	1,417.65	-1,284.67	1,453.14	0.35	0.31	-0.16
8,975.00	89.10	315.70	7,158.54	1,463.24	-1,328.15	1,502.03	3.92	-3.33	-2.06
9,038.00	91.30	315.60	7,158.32	1,508.28	-1,372.19	1,551.39	3.50	3.49	-0.16
9,102.00	93.40	316.90	7,155.69	1,554.47	-1,416.40	1,601.08	3.86	3.28	2.03
9,165.00	93.90	317.40	7,151.68	1,600.56	-1,459.16	1,649.31	1.12	0.79	0.79
9,186.00	94.10	317.60	7,150.22	1,616.01	-1,473.31	1,665.29	1.35	0.95	0.95
Last MWD Survey									
9,240.00	94.10	317.60	7,146.35	1,655.78	-1,509.63	1,706.34	0.00	0.00	0.00
Proj. To Bit									



Black Viper Energy

Survey Report



Company: Bass Enterprises Production Co.
Project: Eddy Co., New Mexico (Nad 83)
Site: Poker Lake Unit #251
Well: Poker Lake Unit #251
Wellbore: Lateral #1
Design: Lateral #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well Poker Lake Unit #251
WELL @ 0.00ft (Original Well Elev)
WELL @ 0.00ft (Original Well Elev)
True
Minimum Curvature
EDM 2003.14.1.0 Server DB

Targets

Target Name

- hit/miss target	Dip Angle	Dip Dir.	TVD	+N-S	+E-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
PBHL#1[PLU#251]	0.00	0.00	7,154.00	1,657.28	-1,512.37	433,568.47	669,347.09	32° 11' 28.600 N	103° 55' 10.300 W
- survey misses by 8.26ft at 9240.00ft MD (7146.35 TVD, 1655.78 N, -1509.63 E)									
- Point									
PP#1[PLU#251]	0.00	0.00	7,220.00	337.29	-337.29	432,253.06	670,527.31	32° 11' 15.538 N	103° 54' 56.625 W
- survey misses by 8.51ft at 7473.09ft MD (7219.55 TVD, 332.09 N, -344.01 E)									
- Point									

Survey Annotations

Measured	Vertical	Local Coordinates		Comment
Depth	Depth	+N-S	+E-W	
(ft)	(ft)	(ft)	(ft)	
6,788.00	6,787.29	4.63	-58.93	First MWD Survey
9,186.00	7,150.22	1,616.01	-1,473.31	Last MWD Survey
9,240.00	7,146.35	1,655.78	-1,509.63	Proj. To Bit

Checked By: _____ Approved By: _____ Date: _____

BEPCO, L.P.
P. O. Box 2760
Midland, Texas 79702

432-683-2277

November 30, 2006

FAX: 432-687-0329

Re: Poker Lake Unit #251H
Nash Draw – Del/BS/Av Snd
Eddy County, NM
File: 100-WF: PLU251H.CNF

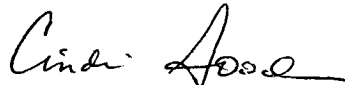
Bureau of Land Management
2909 West Second Street
Roswell, NM 88201

Gentlemen:

BEPCO, L.P. respectfully requests that the Logs and completion data on the above subject well, be held confidential for the maximum period of time.

If you should have any questions, please contact Cindi Goodman at the above letterhead address.

Sincerely,



Cindi Goodman
Production Clerk

cdg



Bass Enterprises Production Co.

Project: Eddy Co., New Mexico (Nad 83)
 Site: Poker Lake Unit #251
 Well: Poker Lake Unit #251
 Wellbore: Lateral #1
 Plan: Plan #3 (Poker Lake Unit #251/Lateral #1)

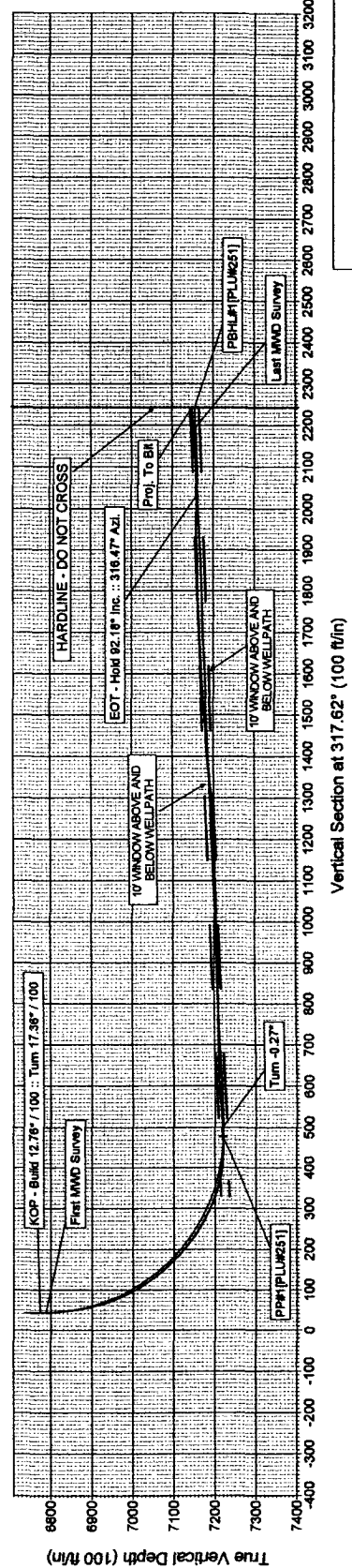
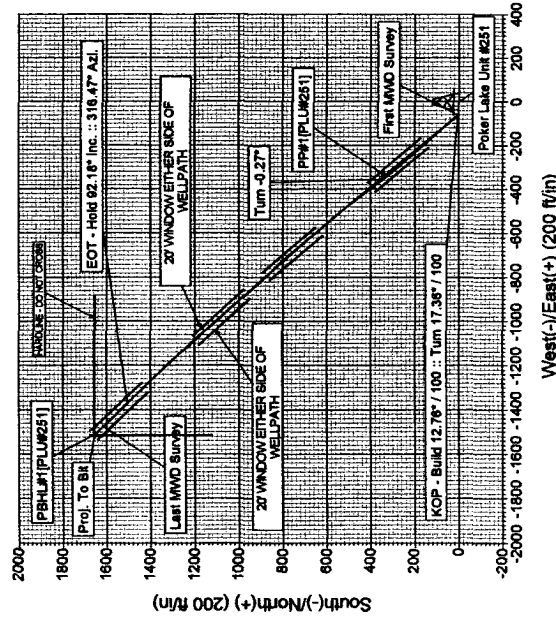


SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	+N/S	+E/W	DLog	TFace	VSec
1	873.00	0.00	198.09	873.00	4.61	-58.35	0.00	0.00	42.97
2	877.00	0.00	198.09	877.00	4.61	-58.35	0.00	0.00	42.97
3	7491.46	92.18	320.62	7221.00	357.26	-354.28	12.90	124.51	503.08
4	9024.55	92.18	318.47	7161.98	1505.86	-1368.31	0.27	-69.82	2034.52
5	9233.85	92.18	318.47	7153.70	1657.28	-1512.37	0.00	0.00	2243.83

PROJECT DETAILS: Eddy Co., New Mexico (Nad 83)
 Geoid: NAD83/US State Plane 1983
 Datum: North American Datum 1983
 Zone: New Mexico Eastern Zone
 System Datum: Ground Level

ANNOTATIONS
 TVD
 8773.30 8774.00 KOP - Build 12.78° / 100 :: Turn 17.38° / 100
 7220.00 7491.46 Turn -0.27°
 7161.86 9024.55 EOT - Hold 92.18° Inc. :: 316.47° Azi.

T M
 Azimuths to True North
 Magnetic North: 8.52°
 Magnetic Field
 Strength: 49098.2nT
 Dip Angle: 80.22°
 Date: 6/19/2008
 Model: IGRF200510



Plan: Plan #3 (Poker Lake Unit #251/Lateral #1)
 Created By: Tim Laddams Date: 07/28/2008