Form 3160-4
(April 2004)

OCD-ARTESIA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

S

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

5. Lease Serial No.
NMNM 0509

1a Type of Well [X] Oil Well [ ] Gas Well [ ] Dry [ ] Other
b Type of Completion [X] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff. Resvr,.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no
NMNM71016X

2 Name of Operator
BEPCO, L.P.

8 Lease Name and Well No
GOLDEN "D" 4

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

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

9. API Well No
30-015-35636

4 Location of Well *(Report location clearly and in accordance with Federal requirements)** SEP - 5 2008

At Surface NESE, UL I, 2310' FSL, 330 FEL

OCD-ARTESIA

10. Field and Pool, or Exploratory
GOLDEN LANE, S (DELAWARE)

At top prod interval reported below NESE, UL I, 2308.28' FSL, 359.35' FEL

11. Sec , T , R , M., on Block and Survey or Area SEC 17, T21S, R29E

At total depth NESE, UL I, 2305.94' FSL, 360.62 FNL

CONFIDENTIAL

12. County or Parish
EDDY

13 State
NM

14 Date Spudded	15. Date T.D. Reached	16. Date Completed	17 Elevations (DF, RKB, RT, GL)*
07/31/2007	08/11/2007	[ ] D & A [X] Ready to Prod 09/01/2007	3351' GL

18 Total Depth	19. Plug Back T D.:	20 Depth Bridge Plug Set:
MD 4575' TVD 4571'	MD 4490' TVD 4486'	MD TVD

21 Type of Electric & Other Mechanical Logs Run (Submit copy of each)
THREE DETECTOR LD/CN/GR
ARRAY INDUCTION TOOL MICRO CFL/GR

22. Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run? [X] No [ ] Yes (Submit analysis)
Directional Survey? [ ] No [X] 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 Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	9-5/8" J55	36#	0'	767'		355sxs		0' CIRC.	
8-3/4"	4-1/2" J55	11.6#	0'	4575'	2916'	320 sxs		2916' CIRC.	
						925 sxs		0' CIRC.	

24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	4437"	4004' TAC						

25 Producing Intervals

26 Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) DELAWARE	4207'	4384'	4207'-4222'	0.380	23	PRODUCING
B)			4228'-4238'	0.380	21	PRODUCING
C)			4360'-4384'	0.380	36	PRODUCING
D)						

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

Depth Interval	Amount and Type of Material
4207' - 4384'	NO STIMULATION

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
09/01/07	09/09/07	24	→	30	32	8			PUMPING

Choke Size	Tbg. Press Flwg SI	Csg Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
14/64"			→				1067	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
			→					

ACCEPTED FOR RECORD
SEP 24 2007
JERRY FANT
PETROLEUM GEOLOGIST

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

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.)*
FIELD USE AND FLARED

30. Summary of Porous Zones (Include Aquifers):

Show all important zones or porsity and contents thereof: Cored intervals and all drill-stem tests, inlcuding 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 ANHYDRITE	480'
				T/SALT	788'
				T/SALT & ANHYDRITE	1360'
				T/ANHYDRITE	1745'
				T/DELAWARE MT. GROUP	2922'
				T/OLD INDIAN DRAW	4014'
				T/49'R	4199'

32 Additional remarks (include plugging procedure)

33 Indicate which itmes 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 MOORE Title PRODUCTION CLERK

Signature Ann Moore Date 09/18/2007

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 fradulent statements or representations as to any matter within its jurisdiction.

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
1220 St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-102
Revised October 12, 2005

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-35636	28340	Golden Lane (Delaware), South

Property Code	Property Name	Well Number
1780	GOLDEN "D" FEDERAL	#4

OGRID No.	Operator Name	Elevation
001801	BEPCO, L.P.	3352'

Surface Location

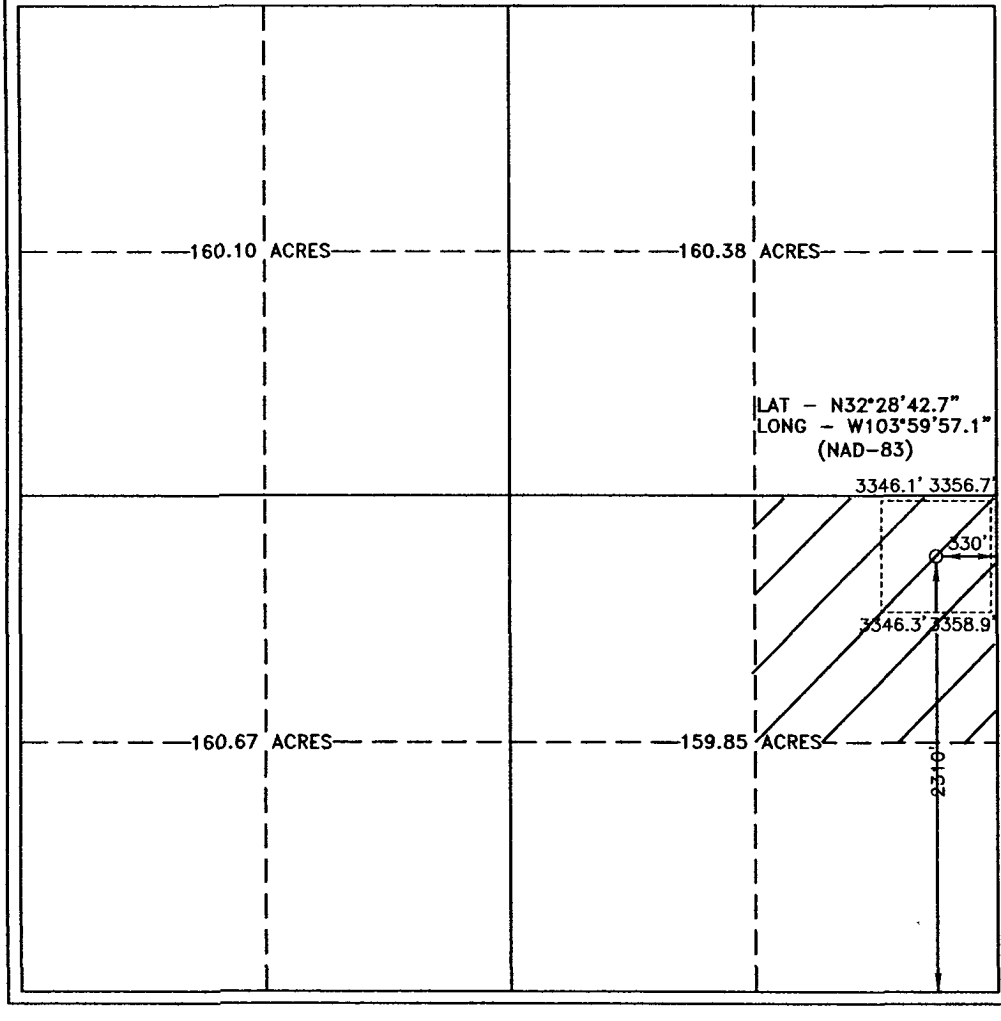
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	17	21 S	29 E		2310	SOUTH	330	EAST	EDDY

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
I	17	21S	29E		2305.94	SOUTH	360.62'	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40	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, 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.

Signature Date 4/19/07

Gary E. Gerhard
Printed Name

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 supervison, and that the same is true and correct to the best of my belief.

APRIL 02, 2007
Date Surveyed
Signature & Seal of Professional Surveyor
NEW MEXICO GARY L. JONES 7977 REGISTERED PROFESSIONAL SURVEYOR

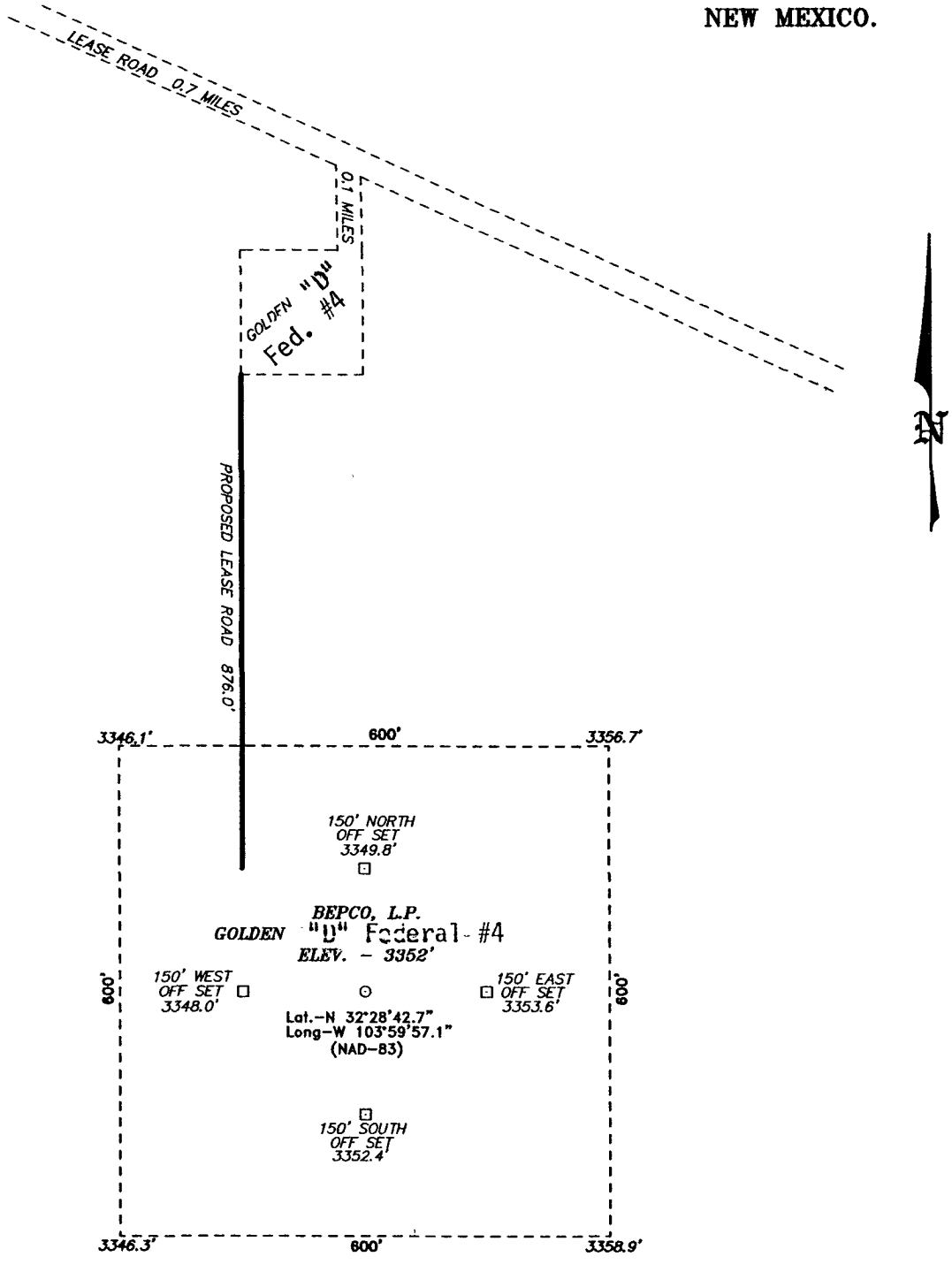
W.O.

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

SECTION 17, TOWNSHIP 21 SOUTH, RANGE 29 EAST, N.M.P.M.,

EDDY COUNTY, **NEW MEXICO.**



200 0 200 400 FEET

SCALE: 1" = 200'

DIRECTIONS TO LOCATION:

FROM MILE MARKER 51.7 ON U.S. HWY 62-180, TURN SOUTH ON LEASE ROAD AND FOLLOW FOR 3.1 MILES TO LEASE ROAD, TURN LEFT AND FOLLOW LEASE ROAD GOING SOUTHEAST FOR 0.7 MILES THENCE SOUTH 0.1MILES TO GOLDEN "D" Federal #4 AND PROPOSED LEASE ROAD.

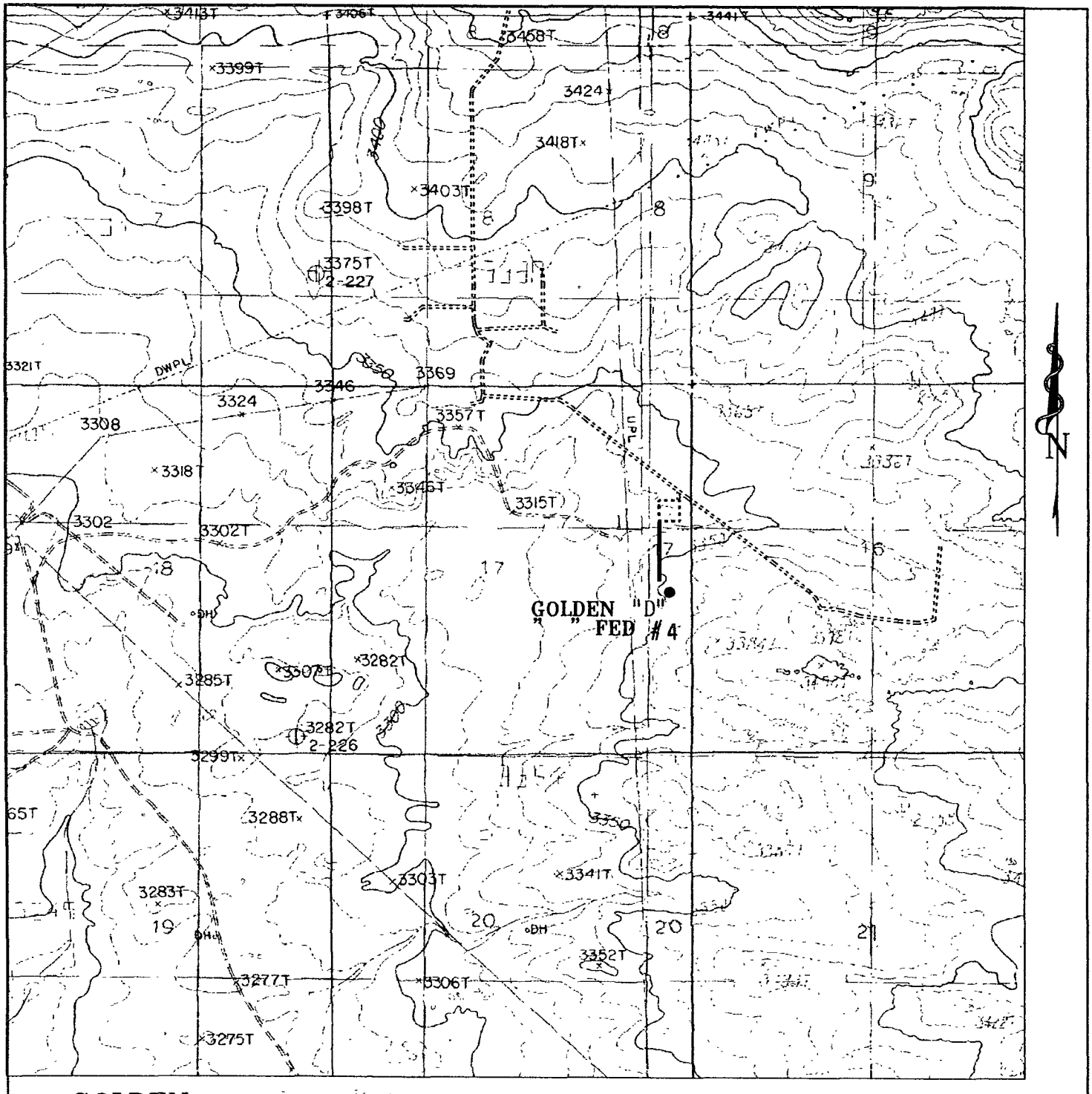
BASIN SURVEYS P.O. BOX 1786-HOBBS, NEW MEXICO

BEPCO, L.P.

REF: GOLDEN "D" Federal #4 / WELL PAD AND TOPO

THE GOLDEN "D" FEDERAL 4 LOCATED 2310' FROM THE SOUTH LINE AND 330' FROM THE EAST LINE OF SECTION 17, TOWNSHIP 21 SOUTH, RANGE 29 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.

W.O. Number: 17912	Drawn By: J. SMALL		
Date: 04-03-2007	Disk: 17912W JMS	Survey Date: 04-02-2007	Sheet 1 of 1 Sheets

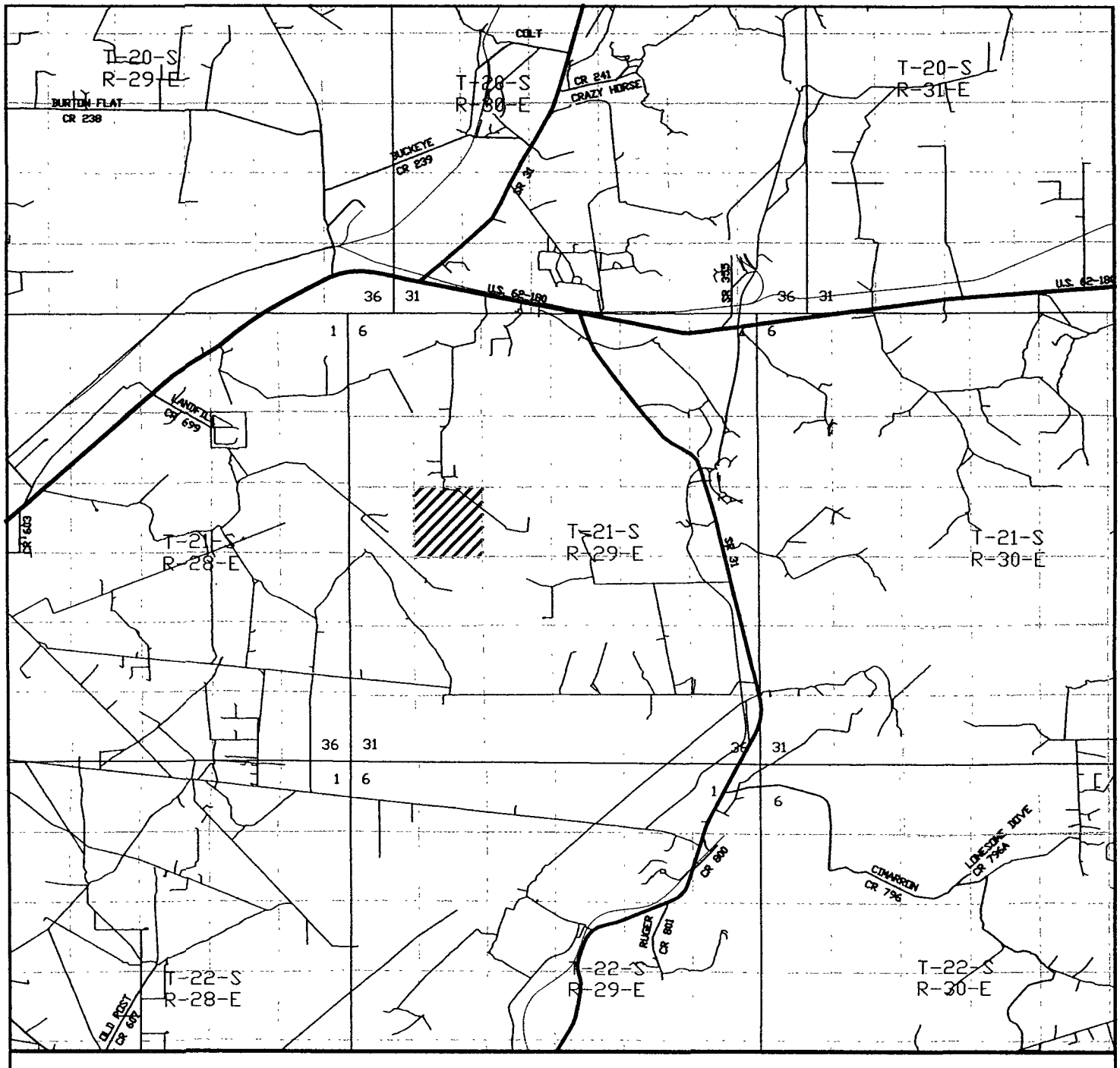


GOLDEN "D" FEDERAL # 4
2310' FSL and 330' FEL
Section 17, Township 21 South, Range 29 East,
N.M.P.M., Eddy County, New Mexico.

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
basinsurveys.com

W.O. Number: JMS 17912T
Survey Date: 04-02-2007
Scale: 1" = 2000'
Date: 04-03-2007

BEPCO, L.P.



GOLDEN "D" FEDERAL #4
2310' FSL and 330' FEL
Section 17, Township 21 South, Range 29 East,
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basinsurveys.com

W.O. Number: JMS 17912TR
Survey Date: 04-02-2007
Scale: 1" = 2 MILES
Date: 04-03-2007

BEPCO, L.P.

INCLINATION REPORT

1 FIELD NAME	2 LEASE NAME
Golden Lane, S. (Dela)	Golden D Fed. #4

3 OPERATOR
BEPCO,L.P.

4 ADDRESS
P.O. Box 2760, Midland , Tx. 79702

5 LOCATION (Section, Block, and Survey)
Sec 17, T-21-S, R-29-E, Eddy, N M.

RECORD OF INCLINATION

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle x 100)	15. Course Displacement (feet)	16 Accumulative Displacement (feet)
380	380	2.00	349	13 26	13 26
767	387	0 75	1 31	5 06	18.32
984	217	1.50	2.62	5 68	24.00
1268	284	3 75	6 54	18.57	42.57
1395	127	4 25	7.41	9 41	51.98
1479	84	4 50	7 85	6 59	58 57
1511	32	4 25	7 41	2 37	60 94
1542	31	4.25	7 41	2 29	63.23
1574	32	4.25	7 41	2 37	65 60
1606	32	4 00	6 98	2.23	67 83
1638	32	3 50	6 10	1 95	69 78
1669	31	3 00	5 23	1 62	71 40
1701	32	1 50	2 62	0 83	72 23
1733	32	0 50	.87	0 27	72 50
1765	32	0 25	44	0 14	72 64
1796	31	0 50	87	0.26	72 90
1828	32	1.25	2 18	0.69	73 59
1859	31	1 25	2 18	0 67	74.26
1923	64	1 75	3.05	1 95	76.21
1987	64	2 00	3 49	2 23	78 44
2050	63	2 25	3 93	2.47	80 91
2114	64	2 00	3 49	2 23	83 14
2209	95	1 75	3 05	2.89	86 03
2272	63	2 75	4 80	3 02	89 05
2336	64	4 00	6 98	4 46	93 51
2398	62	4 00	6 98	4 32	97 83
2462	64	4 75	8 28	5 29	103 12
2525	63	4 50	7 85	4 94	108 06
2588	63	4 50	7 85	4.94	113.00
2652	64	5 00	8 72	5.58	118 58
2716	64	4 75	8 28	5 29	123 87
2779	63	5 00	8 72	5 49	129 36
2843	64	3.75	6 54	4 18	133.54
2906	63	2.75	4.80	3 02	136 56
2969	63	2 75	4 80	3.02	139 58
3032	63	2 00	3 49	2.19	141 77
3096	64	2 00	3 49	2.23	144 00
3160	64	1 00	1 75	1 12	145 12
3287	127	1.00	1 75	2 22	147.34
3415	128	1 00	1 75	2 24	149.58
3542	127	1 00	1.75	2 22	151 80
3669	127	1 00	1.75	2 22	154 02
3796	127	1 00	1 75	2 22	156 24
3924	128	0 50	0 87	1 11	157 35
4052	128	0.50	0 87	1 11	158 46
4179	127	0 50	0 87	1 10	159 56
4305	126	0.50	0 87	1 09	160 65
4433	128	0.25	0.44	0 56	161 21
4530	97	0 25	0 44	0 42	161 63
4575	45	0 25	0 44	0 19	161 82

Accumulative total displacement of well bore at total depth of 4575' 161.82' feet

Inclination measurements were made in: ☐ Tubing ☐ Casing Open Hole ☒

Signature of Authorized Representative	Signature of Authorized Representative
L.V. Bohannon	Ann Moore Production Clerk
Name of Person and Title (type or print)	Name of Person and Title (type or print)
Adobe Drilling	BEPCO, L. P.
Name of Company	Name of Company
Telephone 432-552-5553	Telephone (432) 683-2277
Area Code	Area Code

Certified By Rhonda Fuller Date 8-5-07

CAm

BLACK VIPER ENERGY SERVICES, LTD.

Phone: 432.561.8801
Fax: 432.561.8870
P. O. Box 2552
Midland, Texas 79702

Well Completion Report

Bass Enterprises

Golden D Fed #4
Adobe Longhorn
Eddy County, New Mexico
Job # 2007097

Tuesday, September 04, 2007

1	MWD Survey
2	Daily Drilling Reports
3	Slide Sheets
4	Motor Run Reports
5	Bottom Hole Assemblies

Bass Enterprises Production Co.

Eddy Co., New Mexico (Nad 83)
Golden 'D' Federal #4
Golden 'D' Federal #4
OH

Survey: Venom and MWD Surveys

Standard Survey Report

27 August, 2007

BLACK VIPER
ENERGY SERVICES, LTD.

Black Viper Energy

Survey Report

Company:	Bass Enterprises Production Co.	**Local Co-ordinate Reference:**	Site Golden 'D' Federal #4
Project:	Eddy Co., New Mexico (Nad 83)	**TVD Reference:**	WELL @ 3352.00ft (Original Well Elev)
Site:	Golden 'D' Federal #4	**MD Reference:**	WELL @ 3352.00ft (Original Well Elev)
Well:	Golden 'D' Federal #4	**North Reference:**	True
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OHa	**Database:**	EDM 2003.14 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	Golden 'D' Federal #4				
Site Position:		**Northing:**	537,981.64 ft	**Latitude:**	32° 28' 42.700 N
From:	Lat/Long	**Easting:**	644,376.54 ft	**Longitude:**	103° 59' 57.100 W
Position Uncertainty:	0.00 ft	**Slot Radius:**	"	**Grid Convergence:**	0.18 °

Well	Golden 'D' Federal #4					
Well Position	**+N/-S**	0.00 ft	**Northing:**	537,981.64 ft	**Latitude:**	32° 28' 42.700 N
	+E/-W	0.00 ft	**Easting:**	644,376.54 ft	**Longitude:**	103° 59' 57.100 W
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	0.00 ft

Wellbore	OH				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF200510	8/8/2007	8.25	60.45	49,129

Design	OHa				
Audit Notes:					
Version:	1 0	**Phase:**	ACTUAL	**Tie On Depth:**	0.00
Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**	
	0.00	0.00	0.00	0.00	

Survey Program	**Date** 8/27/2007			
From (ft)	**To (ft)**	**Survey (Wellbore)**	**Tool Name**	**Description**
984.00	4,575.00	Venom and MWD Surveys (OH)	MWD	MWD - Standard

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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
984.00	1 50	90.70	983.89	-0.16	12.88	-0.16	0.15	0.15	0.00
VENOM Survey									
1,268.00	3.80	67.10	1,267.57	3.46	25.27	3.46	0.88	0.81	-8.31
VENOM Survey									
1,395.00	4.30	80.50	1,394.26	5.88	33.84	5.88	0.84	0.39	10.55
VENOM Survey									
1,479.00	4.50	76.50	1,478.01	7.17	40.15	7.17	0.44	0.24	-4.76
First MWD Survey									
1,511.00	4.40	77.00	1,509 91	7 74	42.57	7.74	0.34	-0.31	1.56
1,542 00	4.30	78.00	1,540.82	8.25	44.86	8.25	0.40	-0.32	3.23
1,574.00	4.20	79.30	1,572 74	8.72	47.19	8.72	0.43	-0.31	4.06
1,606.00	4.10	81.10	1,604.65	9.11	49.47	9.11	0.51	-0.31	5.63

Black Viper Energy

Survey Report

Company:	Bass Enterprises Production Co.	**Local Co-ordinate Reference:**	Site Golden 'D' Federal #4
Project:	Eddy Co., New Mexico (Nad 83)	**TVD Reference:**	WELL @ 3352.00ft (Original Well Elev)
Site:	Golden 'D' Federal #4	**MD Reference:**	WELL @ 3352.00ft (Original Well Elev)
Well:	Golden 'D' Federal #4	**North Reference:**	True
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OHa	**Database:**	EDM 2003.14 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)
1,638.00	3.60	82.50	1,636.58	9.42	51.59	9.42	1.59	-1.56	4.38
1,669 00	2.90	81.00	1,667.53	9.67	53.33	9.67	2 27	-2.26	-4.84
1,701.00	1.60	88.30	1,699.50	9.81	54.58	9.81	4.15	-4.06	22.81
1,733.00	0 40	97.20	1,731.50	9.81	55.14	9.81	3.77	-3.75	27.81
1,765.00	0.30	43.40	1,763.50	9.86	55.31	9.86	1.03	-0.31	-168.13
1,796.00	0.50	314.90	1,794.50	10.01	55.27	10.01	1.86	0.65	-285.48
1,828 00	1.20	283.80	1,826.49	10.19	54.84	10.19	2.54	2.19	-97.19
1,859.00	1.30	293.60	1,857.49	10.41	54.20	10.41	0.76	0.32	31.61
1,923.00	1 80	287.30	1,921.46	11.00	52 58	11.00	0 82	0.78	-9.84
1,987.00	2.00	274.20	1,985.43	11 38	50.51	11.38	0.74	0.31	-20.47
2,050 00	2 30	267.30	2,048.38	11.40	48.15	11.40	0.63	0 48	-10.95
2,114.00	1.90	274 40	2,112.34	11 42	45.81	11 42	0 74	-0.63	11.09
2,209.00	1.90	271.90	2,207.29	11.59	42.66	11.59	0.09	0.00	-2.63
2,272.00	2 80	273 40	2,270.24	11.72	40.08	11.72	1.43	1.43	2 38
2,336.00	4 10	272.10	2,334.12	11.89	36.23	11.89	2 03	2 03	-2.03
2,398.00	4.40	270.00	2,395.95	11 98	31.64	11.98	0.55	0.48	-3.39
2,462 00	4.70	265.60	2,459.75	11.77	26.57	11.77	0.72	0.47	-6 88
2,525.00	4.60	262 50	2,522.54	11.25	21.49	11.25	0.43	-0.16	-4.92
2,588 00	4.60	259.20	2,585 34	10.44	16 51	10.44	0 42	0 00	-5 24
2,652.00	5.00	266.40	2,649.11	9.79	11.20	9.79	1.13	0.63	11.25
2,716 00	4 80	269.90	2,712 88	9.61	5.74	9.61	0.56	-0.31	5.47
2,779.00	5.10	267.40	2,775.64	9.48	0.31	9 48	0.59	0 48	-3.97
2,843.00	3.80	269.10	2,839.45	9.31	-4 65	9.31	2 04	-2.03	2.66
2,906.00	2.70	265.60	2,902.35	9.17	-8.22	9.17	1.77	-1.75	-5.56
2,969.00	2 80	261.70	2,965.27	8.83	-11.22	8.83	0.34	0.16	-6.19
3,032 00	1.90	260.80	3,028.22	8.44	-13 78	8 44	1.43	-1.43	-1.43
3,096 00	1.90	255.60	3,092.19	8.01	-15.85	8.01	0.27	0 00	-8.13
3,160.00	1.10	254.30	3,156.16	7.58	-17.47	7 58	1.25	-1.25	-2.03
3,287.00	1 10	257.60	3,283.14	6 99	-19.83	6.99	0.05	0 00	2.60
3,415.00	1.00	242.20	3,411.12	6.20	-22.02	6.20	0.23	-0.08	-12.03
3,542 00	1.00	220.80	3,538.10	4.85	-23.73	4.85	0.29	0.00	-16.85
3,669.00	1.10	230.00	3,665.08	3.22	-25.38	3 22	0.15	0 08	7.24
3,796 00	1.00	219.60	3,792.06	1.59	-27.02	1.59	0.17	-0.08	-8.19
3,924.00	0.50	240.20	3,920 05	0.45	-28.22	0.45	0.44	-0.39	16.09
4,052 00	0.60	197.20	4,048.04	-0.47	-28.90	-0.47	0.32	0.08	-33.59
4,179.00	0 60	201.70	4,175.03	-1.72	-29.35	-1.72	0.04	0.00	3.54
4,305 00	0 60	202.40	4,301.03	-2.95	-29 84	-2 95	0.01	0.00	0.56
4,433.00	0.20	221.80	4,429.02	-3.73	-30.25	-3.73	0.33	-0.31	15.16
4,530.00	0.20	232 60	4,526.02	-3.96	-30.49	-3.96	0.04	0.00	11.13
Last MWD Survey									
4,575.00	0.20	232.60	4,571.02	-4.06	-30.62	-4 06	0.00	0.00	0.00
Proj. to Bit									

Black Viper Energy

Survey Report

Company:	Bass Enterprises Production Co.	**Local Co-ordinate Reference:**	Site Golden 'D' Federal #4
Project:	Eddy Co., New Mexico (Nad 83)	**TVD Reference:**	WELL @ 3352.00ft (Original Well Elev)
Site:	Golden 'D' Federal #4	**MD Reference:**	WELL @ 3352.00ft (Original Well Elev)
Well:	Golden 'D' Federal #4	**North Reference:**	True
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OHa	**Database:**	EDM 2003.14 Server Db

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
984.00	983.89	-0.16	12.88	VENOM Survey
1,268.00	1,267.57	3.46	25.27	VENOM Survey
1,395.00	1,394.26	5.88	33.84	VENOM Survey
1,479.00	1,478.01	7.17	40.15	First MWD Survey
4,530.00	4,526.02	-3.96	-30.49	Last MWD Survey
4,575.00	4,571.02	-4.06	-30.62	Proj. to Bit

Checked By: _____ Approved By: _____ Date: _____

Daily Drilling Report

Report Date:	3-Aug-07				
Company	**BASS**	**Job #**	2007097	**Ftg. Last 24 Hrs**	
Rig	**Adobe Longhorn**	**Report #**	1	**Last Csg. Set**	9 5/8" @ 767
Well	**Golden 'D' Federal #4**	**Midn't Depth**	1510	**Total Job PDM Hrs**	

			Bit #	1					
BHA #	1		Size	8 3/4		**BHA#**	1	**BHA#**	
PDM Serial#	67575		Make	REED		**Item**	**Length**	**Item**	**Length**
Drl hrs			Type	DSX616M		BIT	1.5		
Cir hrs.			Depth In	1510		MOTOR	26.98		
Cum. Drl. Hrs			Depth Out			FS	2.62		
Cum. Cir. Hrs			**Total Footage**			UBHO	2.63		
Bent Sub			Hours			SLICK	30.89		
Bent Hous	2.12		**ROP**			SLICK	30.89		
Depth In			Nozzles (TFA)	6X16		23 6 1/2" D.C.	697.88		
Depth Out			T/B/G			THRUST	28.22		
WOB Rotating			**Mud Type**	BRINE		1 6 1/2" D.C.	31.67		
Pad/Stab OD	1/4"		Weight	10					
GPM			Viscosity	29					
PSI off BTTM			PV/YP						
PSI on BTTM			PH	10		TOTAL =	853.28	TOTAL =	
Hook Load			Water Loss			**BHA Run Tally**			
P/U Weight			Solid Content			**Rotate**	**Slide**	**Circulate**	**Total**
S/O Weight			Sand Content						
MWD Temp.			Chlorides	160K					

Time Log			**Operation details and comments**	**Rot. Ftg.**	**Slide Ftg.**
From	**To**	**Hours**			
0000	1700	17.00	ARRIVE		
1700	1830	1.50	UNLOAD & STRAP TOOLS		
1830	2045	2.25	P.O.O.H		
2045	2245	2.00	P/U BHA #1 & TEST		
2245	2400	1 25	T.I H.		
2400					
Total Hours=		24.00			

Motor Inventory	
Clean	
Dirty	

Comments:

Directional Charges	
Operating Package	$8,000
Mileage	$1,600
Motor LIH Coverage	$350
MWD LIH Coverage	$450
Accomadations	$75
Float Valve	$1,050
Motor Inspection	
XP Motor	$750
Daily Total	$12,275
Cum Total	$12,275

Black Viper Energy Representatives

Directional Driller's : Jessie Taylor

Mwd Engineers: Dan Vasquez

Operator Representatives

Orlando Lozano

Daily Drilling Report

Report Date:	4-Aug-07				
Company	**BASS**	**Job #**	2007097	**Ftg. Last 24 Hrs**	306
Rig	**Adobe Longhorn**	**Report #**	2	**Last Csg. Set**	9 5/8" @ 767
Well	**Golden 'D' Federal #4**	**Midn't Depth**	1980	**Total Job PDM Hrs**	20.25

Bit #	1
Size	8 3/4
Make	REED
Type	DSX616M
Depth In	1510
Depth Out	N/A
Total Footage	
Hours	20
ROP	
Nozzles (TFA)	6X16
T/B/G	
Mud Type	BRINE
Weight	10.1
Viscosity	29
PV/YP	1 1
PH	9.5
Water Loss	N/A
Solid Content	12.80%
Sand Content	
Chlorides	181 PPM

BHA #	1		**BHA#**	1	**BHA#**	
PDM Serial#	67575		**Item**	**Length**	**Item**	**Length**
Drl hrs	20		BIT	1.5		
Cir hrs.	0 25		MOTOR	26.98		
Cum. Drl. Hrs	20		FS	2.62		
Cum. Cir. Hrs	0.25		UBHO	2.63		
Bent Sub	N/A		SLICK	30.89		
Bent Hous	2.12		SLICK	30.89		
Depth In	1510		24 6 1/2" D.C.	729.55		
Depth Out	N/A					
WOB Rotating	14K					
Pad/Stab OD	1/4"					
GPM	448					
PSI off BTTM	1250					
PSI on BTTM	1350		TOTAL =	825.06	TOTAL =	
Hook Load	92		**BHA Run Tally**			
P/U Weight	94		**Rotate**	**Slide**	**Circulate**	**Total**
S/O Weight	88		377	93		470
MWD Temp.			14.25	5.75	0.25	20.25

Time Log			**Operation details and comments**	**Rot. Ftg.**	**Slide Ftg.**
From	**To**	**Hours**			
0000	100	1.00	T.I.H. - L/D 1 jt		
100	115	0.25	P/U KELLY & BREAK CIRC.		
115	200	0.75	SLIDE/1510-1522 GPM=448 WOB=5 MTF=270		12
200	245	0.75	ROT/1522-1530 GPM=448 WOB=5 RPM=40	8	
245	300	0.25	C & S @ 1479 INC=4 5 AZM=76.5		
300	445	1.75	ROT/1530-1562 GPM=448 WOB=5 RPM=40	32	
445	500	0.25	C & S @ 1511 INC=4.4 AZM=77.0		
500	530	0.50	SLIDE/1562-1570 GPM=448 WOB=5 MTF=260		8
530	700	1.50	ROT/1570-1593 GPM=448 WOB=5 RPM=40	23	
700	715	0.25	C & S @ 1542 INC=4.3 AZM=78.0		
715	800	0.75	ROT/1593-1625 GPM=448 WOB=5 RPM=40	32	
800	815	0.25	C & S @ 1574 INC=4 2 AZM=79.3		
815	845	0.50	SLIDE/1625-1640 GPM=448 WOB=5 MTF=260		15
845	915	0.50	ROT/1640-1657 GPM=448 WOB=5 RPM=40	17	
915	930	0.25	C & S @ 1606 INC=4.1 AZM=81.1		
930	1000	0.50	SLIDE/1657-1667 GPM=448 WOB=5 MTF=260		10
1000	1030	0.50	ROT/1667-1689 GPM=448 WOB=5 RPM=40	22	
1030	1045	0.25	C & S @ 1638 INC=3 6 AZM=82.5		
1045	1100	0 25	SLIDE/1689-1704 GPM=448 WOB=5 MTF=260		15
1100	1115	0.25	ROT/1704-1720 GPM=448 WOB=5 RPM=40	16	
1115	1130	0.25	C & S @ 1669 INC=2.9 AZM=81.0		
1130	1200	0.50	SLIDE/1720-1730 GPM=448 WOB=5 MTF=260		10
1200	1230	0 50	ROT/1730-1752 GPM=448 WOB=5 RPM=40	22	
1230	1245	0.25	C & S @ 1701 INC=1.6 AZM=88.3		
1245	1330	0.75	ROT/1752-1784 GPM=448 WOB=5 RPM=40	32	
1330	1345	0.25	C & S @ 1733 INC=0.4 AZM=97.2		
1345	1415	0.50	SLIDE/1784-1790 GPM=448 WOB=5 MTF=260		6
1415	1515	1 00	ROT/1790-1816 GPM=448 WOB=5 RPM=40	26	
Total Hours=		15.25		230	76

Motor Inventory	
Clean	
Dirty	

Comments:

Directional Charges	
Operating Package	$8,000
Mileage	
Motor LIH Coverage	$350
MWD LIH Coverage	$450
Accomadations	$75
Float Valve	
Motor Inspection	
XP Motor	$750
Daily Total	$9,625
Cum Total	$21,900

Black Viper Energy Representatives

Directional Driller's : Jessie Taylor

Mwd Engineers: Dan Vasquez

Operator Representatives

Orlando Lozano

BLACK VIPER ENERGY SERVICES, LTD.

Daily Drilling Report

Page #2 Saturday, August 04, 2007

Time Log			Operation details and comments	Rot.	Slide	Comments:
From	To	Hours		Ftg.	Ftg.	
1515	1530	0.25	C & S @ 1765 INC=0.3 AZM=43.4			
1530	1615	0.75	SLIDE/1816-1822 GPM=448 WOB=5 MTF=260		6	
1615	2015	4.00	ROT/1822-1910 GPM=448 WOB=10 RPM=40	88		
2015	2045	0.50	SLIDE/1910-1915 GPM=448 WOB=8 MTF=260		5	
2045	2245	2.00	ROT/1915-1974 GPM=448 WOB=10 RPM=40	59		
2245	2300	0.25	C & S @ 1923 INC=1.8 AZM=287.8			
2300	2400	1.00	SLIDE/1974-1980 GPM=448 WOB=8 MTF=240		6	
2400						
Total Hours=		8.75	Total	377	93	

Daily Drilling Report

Report Date:	5-Aug-07				
Company	**BASS**	**Job #**	2007097	**Ftg. Last 24 Hrs**	700
Rig	**Adobe Longhorn**	**Report #**	3	**Last Csg. Set**	9 5/8" @ 767
Well	**Golden 'D' Federal #4**	**Midn't Depth**	2680	**Total Job PDM Hrs**	41.75

BHA #	1		**Bit #**	1		**BHA#**	1	**BHA#**	
PDM Serial#	67575		Size	8 3/4		**Item**	**Length**	**Item**	**Length**
Drl hrs	21.5		Make	REED		BIT	1.5		
Cir hrs.			Type	DSX616M		MOTOR	26.98		
Cum. Drl. Hrs	41.5		Depth In	1510		FS	2.62		
Cum. Cir. Hrs	0 25		Depth Out	N/A		UBHO	2.63		
Bent Sub	N/A		**Total Footage**			SLICK	30.89		
Bent Hous	2.12		Hours	41.5		SLICK	30.89		
Depth In	1510		**ROP**			24 6 1/2" D.C.	729.55		
Depth Out	N/A		Nozzles (TFA)	6X16					
WOB Rotating	20K		T/B/G						
Pad/Stab OD	1/4"		**Mud Type**	BRINE					
GPM	448		Weight	10.1					
PSI off BTTM	1250		Viscosity	29					
PSI on BTTM	1350		PV/YP	1 1					
Hook Load	95		PH	9.5		TOTAL =	825.06	TOTAL =	
P/U Weight	100		Water Loss	N/A		**BHA Run Tally**			
S/O Weight	90		Solid Content	12.80%		**Rotate**	**Slide**	**Circulate**	**Total**
MWD Temp.			Sand Content			**1053**	**117**		1170
			Chlorides	181 PPM		**34**	**7.5**	**0.25**	41.75

Time Log			**Operation details and comments**	**Rot.**	**Slide**
From	**To**	**Hours**		**Ftg.**	**Ftg.**
0000	230	2.50	ROT/1980-2038 GPM=448 WOB=10 RPM=40	58	
230	245	0.25	C & S @ 1987 INC=2.0 AZM=274.2		
245	445	2 00	ROT/2038-2101 GPM=448 WOB=14 RPM=40	63	
445	500	0 25	C & S @ 2050 INC=2.3 AZM=267.3		
500	700	2.00	ROT/2101-2165 GPM=448 WOB=14 RPM=40	64	
700	715	0.25	C & S @ 2114 INC=1.9 AZM=274.4		
715	945	2 50	ROT/2165-2260 GPM=448 WOB=14 RPM=40	95	
945	1000	0.25	C & S @ 2209 INC=1.9 AZM=271.9		
1000	1030	0.50	SLIDE/2260-2268 GPM=448 WOB=14 MTF=270		8
1030	1215	1.75	ROT/2268-2323 GPM=448 WOB=14 RPM=40	55	
1215	1230	0.25	C & S @ 2272 INC=2.8 AZM=273.4		
1230	1300	0.50	SLIDE/2323-2333 GPM=448 WOB=14 MTF=270		10
1300	1430	1.50	ROT/2333-2387 GPM=448 WOB=14 RPM=40	54	
1430	1445	0 25	C & S @ 2336 INC=4 1 AZM=272.1		
1445	1630	1.75	ROT/2387-2449 GPM=448 WOB=14 RPM=40	62	
1630	1645	0 25	C & S @ 2398 INC=4.4 AZM=270.0		
1645	1815	1.50	ROT/2449-2513 GPM=448 WOB=14 RPM=40	64	
1815	1830	0.25	C & S @ 2462 INC=4.7 AZM=265.6		
1830	2015	1.75	ROT/2513-2576 GPM=448 WOB=14 RPM=60	63	
2015	2030	0.25	C & S @ 2525 INC=4.6 AZM=262.5		
2030	2145	1 25	ROT/2576-2639 GPM=448 WOB=14 RPM=60	63	
2145	2200	0 25	C & S @ 2588 INC=4.6 AZM=259.2		
2200	2245	0.75	SLIDE/2639-2645 GPM=448 WOB=14 MTF=350		6
2245	2400	1 25	ROT/2645-2680 GPM=448 WOB=20 RPM=60	35	
2400					
Total Hours=		24.00		676	24

Motor Inventory

Clean	
Dirty	

Comments:

Directional Charges

Operating Package	$8,000
Mileage	
Motor LIH Coverage	$350
MWD LIH Coverage	$450
Accomadations	$75
Float Valve	
Motor Inspection	
XP Motor	$750
Daily Total	$9,625
Cum Total	$31,525

Black Viper Energy Representatives

Directional Driller's : Jessie Taylor

Mwd Engineers: Dan Vasquez

Operator Representatives

Orlando Lozano

Daily Drilling Report

Report Date:	6-Aug-07				
Company	**BASS**	**Job #**	2007097	**Ftg. Last 24 Hrs**	531
Rig	**Adobe Longhorn**	**Report #**	4	**Last Csg. Set**	9 5/8" @ 767
Well	**Golden 'D' Federal #4**	**Midn't Depth**	3211	**Total Job PDM Hrs**	60.5

			Bit #	1					
BHA #	1		Size	8 3/4		**BHA#**	1	**BHA#**	
PDM Serial#	67575		Make	REED		**Item**	**Length**	**Item**	**Length**
Drl hrs	18.25		Type	DSX616M		BIT	1.5		
Cir hrs.	0.5		Depth In	1510		MOTOR	26.98		
Cum. Drl. Hrs	59.75		Depth Out	N/A		FS	2.62		
Cum. Cir. Hrs	0.75		Total Footage			UBHO	2.63		
Bent Sub	N/A		Hours	59.75		SLICK	30.89		
Bent Hous	2.12		ROP			SLICK	30.89		
Depth In	1510		Nozzles (TFA)	6X16		24 6 1/2" D.C.	729.55		
Depth Out	N/A		T/B/G						
WOB Rotating	20K		**Mud Type**	BRINE					
Pad/Stab OD	1/4"		Weight	9.5					
GPM	448		Viscosity	39					
PSI off BTTM	1350		PV/YP	1 1					
PSI on BTTM	1500		PH	9.5		TOTAL =	825.06	TOTAL =	
Hook Load	108		Water Loss	N/A		**BHA Run Tally**			
P/U Weight	112		Solid Content	1.20%		**Rotate**	**Slide**	**Circulate**	**Total**
S/O Weight	95		Sand Content			1557	144		1701
MWD Temp			Chlorides	156 PPM		49.5	10.25	0.75	60.5

Time Log			**Operation details and comments**	**Rot.**	**Slide**
From	**To**	**Hours**		**Ftg.**	**Ftg.**
0000	100	1 00	ROT/2680-2703 GPM=448 WOB=20 RPM=60	23	
100	115	0.25	C & S @ 2652 INC=5.0 AZM=266.4		
115	330	2.25	ROT/2703-2767 GPM=448 WOB=20 RPM=60	64	
330	345	0.25	C & S @ 2716 INC=4.8 AZM=269.9		
345	545	2 00	ROT/2767-2830 GPM=448 WOB=20 RPM=60	63	
545	600	0.25	C & S @ 2779 INC=5.1 AZM=267.4		
600	700	1.00	SLIDE/2830-2840 GPM=448 WOB=18 MTF=90		10
700	830	1 50	ROT/2840-2894 GPM=448 WOB=20 RPM=60	54	
830	845	0.25	C & S @ 2843 INC=3.8 AZM=269.1		
845	930	0.75	SLIDE/2894-2900 GPM=448 WOB=18 MTF=90		6
930	1145	2 25	ROT/2900-2957 GPM=448 WOB=20 RPM=60	57	
1145	1200	0.25	C & S @ 2906 INC=2.7 AZM=265.6		
1200	1415	2 25	ROT/2957-3020 GPM=448 WOB=20 RPM=60	63	
1415	1430	0 25	C & S @ 2969 INC=2.8 AZM=261.7		
1430	1515	0.75	SLIDE/3020-3026 GPM=448 WOB=18 MTF=80		6
1515	1600	0 75	ROT/3026-3052 GPM=448 WOB=20 RPM=60	26	
1600	1630	0.50	CIRC.		
1630	1700	0.50	P.O.O.H. - 4 STDS		
1700	1900	2 00	JET PITS & DISPLACE MUD		
1900	1915	0.25	T.I.H.		
1915	1930	0 25	P/U KELLY & BREAK CIRC.		
1930	2030	1.00	ROT/3052-3083 GPM=448 WOB=25 RPM=60	31	
2030	2045	0 25	C & S @ 3032 INC=1.9 AZM=260.8		
2045	2145	1 00	ROT/3083-3147 GPM=448 WOB=25 RPM=60	64	
2145	2200	0 25	C & S @ 3096 INC=1.9 AZM=255.6		
2200	2215	0.25	SLIDE/3147-3152 GPM=448 WOB=18 MTF=75		5
2215	2345	1.50	ROT/3152-3211 GPM=448 WOB=25 RPM=60	59	
2345	2400	0.25	C & S @ 3160 INC=1 1 AZM=254.3		
Total Hours=		24 00		504	27

Motor Inventory

Clean	
Dirty	

Comments:

Directional Charges

Operating Package	$8,000
Mileage	
Motor LIH Coverage	$350
MWD LIH Coverage	$450
Accomadations	$75
Float Valve	
Motor Inspection	
XP Motor	$750
Daily Total	$9,625
Cum Total	$41,150

Black Viper Energy Representatives

Directional Driller's : Jessie Taylor

Mwd Engineers: Dan Vasquez

Operator Representatives

Orlando Lozano

Daily Drilling Report

Report Date:	7-Aug-07				
Company	**BASS**	**Job #**	2007097	**Ftg. Last 24 Hrs**	708
Rig	**Adobe Longhorn**	**Report #**	5	**Last Csg. Set**	9 5/8" @ 767
Well	**Golden 'D' Federal #4**	**Midn't Depth**	3920	**Total Job PDM Hrs**	83

			Bit #	1					
BHA #	1		Size	8 3/4		**BHA#**	1	**BHA#**	
PDM Serial#	67575		Make	REED		**Item**	**Length**	**Item**	**Length**
Drl hrs	22.25		Type	DSX616M		BIT	1.5		
Cir hrs.	0.25		Depth In	1510		MOTOR	26.98		
Cum. Drl. Hrs	82		Depth Out	N/A		FS	2.62		
Cum Cir. Hrs	1		**Total Footage**			UBHO	2.63		
Bent Sub	N/A		Hours	82		SLICK	30.89		
Bent Hous	2.12		**ROP**			SLICK	30.89		
Depth In	1510		Nozzles (TFA)	6X16		24 6 1/2" D.C.	729.55		
Depth Out	N/A		T/B/G						
WOB Rotating	20K		**Mud Type**	BRINE					
Pad/Stab OD	1/4"		Weight	9.5					
GPM	440		Viscosity	39					
PSI off BTTM	1350		PV/YP	1 1					
PSI on BTTM	1500		PH	9.5		TOTAL =	825.06	TOTAL =	
Hook Load	110		Water Loss	N/A		**BHA Run Tally**			
P/U Weight	114		Solid Content	1.20%		**Rotate**	**Slide**	**Circulate**	**Total**
S/O Weight	102		Sand Content			**2265**	**144**		2409
MWD Temp.			Chlorides	156 PPM		**71.75**	**10.25**	**1**	83

Time Log			**Operation details and comments**	**Rot.**	**Slide**
From	**To**	**Hours**		**Ftg.**	**Ftg.**
0000	215	2.25	ROT/3211-3338 GPM=440 WOB=25 RPM=60	127	
215	230	0.25	C & S @ 3287 INC=1.1 AZM=257.6		
230	615	3.75	ROT/3338-3466 GPM=440 WOB=25 RPM=60	127	
615	630	0.25	C & S @ 3414 INC=1.0 AZM=242.2		
630	1045	4.25	ROT/3466-3593 GPM=440 WOB=25 RPM=60	127	
1045	1100	0.25	RIG SERVICE		
1100	1115	0 25	C & S @ 3542 INC=1.0 AZM=220.8		
1115	1500	3.75	ROT/3593-3720 GPM=440 WOB=25 RPM=60	127	
1500	1515	0 25	C & S @ 3669 INC=1.1 AZM=230.0		
1515	2015	5.00	ROT/3720-3848 GPM=440 WOB=25 RPM=60	128	
2015	2030	0.25	C & S @ 3796 INC=1.0 AZM=219.6		
2030	2315	2.75	ROT/3848-3892 GPM=440 WOB=25 RPM=60	44	
2315	2330	0.25	RIG REPAIR (ROTARY CHAIN)		
2330	2400	0 50	ROT/3892-3920 GPM=440 WOB=25 RPM=60	28	
2400					
Total Hours=		24.00		708	

Motor Inventory	
Clean	
Dirty	

Comments:

Directional Charges	
Operating Package	$8,000
Mileage	
Motor LIH Coverage	$350
MWD LIH Coverage	$450
Accomadations	$75
Float Valve	
Motor Inspection	
XP Motor	$750
Daily Total	$9,625
Cum Total	$50,775

Black Viper Energy Representatives

Directional Driller's : Jessie Taylor

Mwd Engineers: Dan Vasquez

Operator Representatives

Orlando Lozano

Daily Drilling Report

Report Date:	8-Aug-07				
Company	**BASS**	**Job #**	2007097	**Ftg. Last 24 Hrs**	278
Rig	**Adobe Longhorn**	**Report #**	6	**Last Csg. Set**	9 5/8" @ 767
Well	**Golden 'D' Federal #4**	**Midn't Depth**	4198	**Total Job PDM Hrs**	96.75

BHA #	**1**	**2**	**Bit #**	**1**	**2**
PDM Serial#	67575	650787	Size	8 3/4	8 3/4
Drl hrs	13	2.5	Make	REED	REED
Cir hrs.	0.75	0.25	Type	DSX616M	EM2670
Cum. Drl. Hrs	95	2.5	Depth In	1510	4130
Cum. Cir. Hrs	1.75	0.25	Depth Out	4130	
Bent Sub	N/A	N/A	**Total Footage**	2620	-4130
Bent Hous	2.12°	1.83°	Hours	95	2.5
Depth In	1510	4130	**ROP**	**27.58**	
Depth Out	4130	SIH	Nozzles (TFA)	6X16	3X14
WOB Rotating	20K	40K	T/B/G	9/N/1/16	
Pad/Stab OD	1/4"	1/4"	**Mud Type**	BRINE	
GPM	440	448	Weight	9 5	
PSI off BTTM	1350	1400	Viscosity	39	
PSI on BTTM	1500	1500	PV/YP	1 1	
Hook Load	110	122	PH	9.5	
P/U Weight	114	126	Water Loss	N/A	
S/O Weight	102	115	Solid Content	1.20%	
MWD Temp.			Sand Content		
			Chlorides	156 PPM	

BHA#	**1**	**BHA#**	**2**
Item	**Length**	**Item**	**Length**
BIT	1.5	BIT	1.5
MOTOR	26.98	MOTOR	21.01
FLOAT SUB	2.62	FLOAT SUB	2.62
UBHO	2.63	UBHO	2.63
SLICK NM	30.89	SLICK NM	30 89
SLICK NM	30.89	SLICK NM	30.89
24 6 1/2" D.C.	729.55	24 6 1/2" D.C	729.55
TOTAL =	825.06	**TOTAL =**	819.09

BHA Run Tally

Rotate	**Slide**	**Circulate**	**Total**
2475	**145**		2620
84.75	**10.25**	**1.75**	96.75

Time Log			**Operation details and comments**	**Rot.**	**Slide**
From	**To**	**Hours**			**Ftg.**
0000	430	4.50	ROT/3920-3975 GPM=440 WOB=25 RPM=55	55	
430	445	0.25	C & S @ 3924 INC=0.5 AZM=240.2		
445	1030	5.75	ROT/3975-4103 GPM=440 WOB=20 RPM=65	128	
1030	1045	0 25	C & S @ 4052 INC=0.6 AZM=197.2		
1045	1330	2.75	ROT/4103-4130 GPM=448 WOB=20 RPM=55	27	
1330	1415	0.75	CIRC BTMS UP		
1415	1730	3.25	P.O.O.H. F/BIT		
1730	1900	1.50	CH/ MOTOR & BIT & TEST		
1900	2115	2.25	M/U BIT & T.I.H.		
2115	2130	0.25	P/U KELLY & BREAK CIRC		
2130	2400	2 50	ROT/4130-4198 GPM=448 WOB=40 RPM=65	68	
2400					
Total Hours=		24.00		278	

Motor Inventory

Clean	
Dirty	67575;650787

Comments:

Directional Charges

Operating Package	$8,000
Mileage	
Motor LIH Coverage	$350
MWD LIH Coverage	$450
Accomadations	$75
Float Valve	
Motor Inspection	$1,150
XP Motor	$750
Daily Total	$10,775
Cum Total	$61,550

Black Viper Energy Representatives

Directional Driller's : Jessie Taylor

Mwd Engineers: Dan Vasquez

Operator Representatives

Orlando Lozano

Daily Drilling Report

Report Date:	9-Aug-07				
Company	**BASS**	**Job #**	2007097	**Ftg. Last 24 Hrs**	377
Rig	**Adobe Longhorn**	**Report #**	7	**Last Csg. Set**	9 5/8" @ 767
Well	**Golden 'D' Federal #4**	**Midn't Depth**	4575	**Total Job PDM Hrs**	10.75

			Bit #	2					
BHA #	2		Size	8 3/4		**BHA#**	2	**BHA#**	
PDM Serial#	650787		Make	REED		**Item**	**Length**	**Item**	**Length**
Drl hrs	6.5		Type	EM2670		BIT	1.5	BIT	
Cir hrs.	1.5		Depth In	4130		MOTOR	21.01	MOTOR	
Cum. Drl. Hrs	9		Depth Out	4575		FLOAT SUB	2.62	FLOAT SUB	
Cum. Cir. Hrs	1.75		**Total Footage**	445		UBHO	2.63	UBHO	
Bent Sub	N/A		Hours	9		SLICK NM	30.89	SLICK NM	
Bent Hous	1.83°		**ROP**	49.44		SLICK NM	30.89	SLICK NM	
Depth In	4130		Nozzles (TFA)	3X14		24 6 1/2" D.C.	729.55	24 6 1/2" D.C.	
Depth Out	4575		T/B/G	1/1/G					
WOB Rotating	40K		**Mud Type**	BRINE					
Pad/Stab OD	1/4"		Weight	9.5					
GPM	448		Viscosity	39					
PSI off BTTM	1400		PV/YP	1 1					
PSI on BTTM	1500		PH	9.5		TOTAL =	819.09	TOTAL =	
Hook Load	122		Water Loss	N/A		**BHA Run Tally**			
P/U Weight	126		Solid Content	1.20%		**Rotate**	**Slide**	**Circulate**	**Total**
S/O Weight	115		Sand Content			445			445
MWD Temp.			Chlorides	156 PPM		9		1.75	10.75

Time Log			**Operation details and comments**	**Rot.**	**Slide**	**Ftg.**
From	**To**	**Hours**				
0000	30	0.50	ROT/4198-4224 GPM=448 WOB=40 RPM=65	26		
30	45	0.25	C & S @ 4179 INC=0.6 AZM=201.7			
45	300	2.25	ROT/4224-4350 GPM=440 WOB=20 RPM=65	126		
300	315	0.25	C & S @ 4305 INC=0.6 AZM=202.4			
315	445	1.50	ROT/4350-4478 GPM=440 WOB=20 RPM=65	128		
445	500	0.25	C & S @ 4433 INC=0.2 AZM=221.8			
500	715	2.25	ROT/4478-4575 GPM=440 WOB=20 RPM=65	97		
715	730	0.25	SURVEY @ 4530 INC=0.2 AZM=232.6			
730	900	1.50	PUMP SWEEP & CIRC.			
900	1230	3.50	P.O.O.H. - SLM			
1230	1330	1.00	L/D TOOLS			
1330						
Total Hours=		13.50		377		

Motor Inventory	
Clean	
Dirty	67575;650787

Comments:

Directional Charges	
Operating Package	$8,000
Mileage	
Motor LIH Coverage	$350
MWD LIH Coverage	$450
Accomadations	$75
Float Valve	
Motor Inspection	
XP Motor	
Daily Total	$8,875
Cum Total	$70,425

Black Viper Energy Representatives

Directional Driller's : Jessie Taylor

Mwd Engineers: Dan Vasquez

Operator Representatives

Orlando Lozano

BLACK VIPER
ENERGY SERVICES, LTD.

Slide Data Sheet

Company: BASS — Date: ______ thru ______

Well Name: Golden 'D' Federal #4 — Bit to Survey: 1 Ft.

Co. Rep. : Orlando Lozano — Page: 1 of ______

BHA #	Surevy Depth	Incl. Degree	Azimuth Degree	Depth From	Depth To	Feet	Drill O/R	Tool Face or RPM	Drill Hrs.	WOB 1000#	PU,SO & ROT WT	Pump SPM	Flow Rate	Pressure OFF/ON	Comments

Sliding Data : Footage= ______ Hrs= ______ Ft/Hr= ______

Rotating Data: Footage= ______ Hrs= ______ Ft/Hr= ______

Black Viper Directional Sup.: ______

BLACK VIPER ENERGY SERVICES, LTD.

Motor Run Report

Job Number	2007097	BHA # :	1
PDM Company	BLACK MAX		
Motor O.D.	6 1/2"	Motor Run # :	1
Power Section	6/7;5 STAGE		
Serial Number	67575		
Customer	BASS		
Well Name	Golden 'D' Federal #4		
Rig Name	Adobe Longhorn		
County / State	Eddy		
Location	a		
Date In	3-Aug		
Date Out	8-Aug		
Total Days Run	5		
Hole Size	8 3/4"		
Stabilizer Size	a		
Adj. Bend Set	2.12		
Depth In	1510		
Depth Out	4130		
Footage Drilled	2620		
ROP	27.58		
Drill Hours	95.00		
Circulating Hours	1.75		
Total Run Hours	96.75		
Rotating Feet	2475		
Rotating Hours	84.75		
Rotating ROP	29.20		
Slide Feet	145		
Slide Hours	10.25		
Slide ROP	14.15		

Failure - Y/N :	y	Failure Type:	a
Trip-Reason For :	bit		

GPM :	448	Delta P :	150
Mud Wt. :	9.1	Inclination :	0.6
Mud Vis. :	40	WOB :	25
Mud Cl. :	156K	BHT :	a
Mud Type :	MULCIFIED BRINE	RPM :	55

Directional Hand #1: JESSIE TAYLOR

MWD Hand #1: DAN VASQUEZ

Directional Hand #2: a

MWD Hand #2: a

Comments: a

Bit Grade: 1/N/1/16

BLACK VIPER ENERGY SERVICES, LTD.

Motor Run Report

Job Number	2007097
PDM Company	BLACK MAX
Motor O.D.	6 1/2"
Power Section	7/8 3 STAGE
Serial Number	650787
Customer	BASS
Well Name	Golden 'D' Federal #4
Rig Name	Adobe Longhorn
County / State	Eddy
Location	a
Date In	8-Aug
Date Out	9-Aug
Total Days Run	1
Hole Size	8 3/4"
Stabilizer Size	a
Adj. Bend Set	1.83
Depth In	4130
Depth Out	4575
Footage Drilled	445
ROP	49.44
Drill Hours	9.00
Circulating Hours	1.75
Total Run Hours	10.75
Rotating Feet	445
Rotating Hours	9.00
Rotating ROP	49.44
Slide Feet	
Slide Hours	
Slide ROP	#DIV/0!

BHA # : 2

Motor Run # : 2

Failure - Y/N : y

Trip-Reason For : bit

Failure Type: a

GPM	448	Delta P	100
Mud Wt.	9.1	Inclination	0.2
Mud Vis.	40	WOB	40
Mud Cl.	156K	BHT	a
Mud Type	MULCIFIED BRINE	RPM	65

Directional Hand #1: JESSIE TAYLOR

MWD Hand #1: DAN VASQUEZ

Directional Hand #2: a

MWD Hand #2: a

Comments: a

Bit Grade: 1/1/G

BLACK VIPER ENERGY SERVICES, LTD.

BHA Data Sheet

Job #	2007097	BHA #:	1	Hole Size :	8 3/4"	Motor Run#	1
Customer:	BASS	Date In:	8/3/2007	Date Out:	8/8/2007	Motor OD:	6 1/2"
Well:	Golden 'D' Federal #4	Depth In:	1510	Depth Out:	4130	Total Ftg.:	2620.00
Well Loc.:	Golden Lane-Delav	Slide.Hrs.:	10.25	Slide Ftg.:	145	Slide.ROP:	14.15
Co./St.:	Eddy	Rot.Hrs.:	84.75	Rot.Ftg.:	2475	Rot.ROP:	29.20
Rig :	Adobe Longhorn	Drlg Hrs.:	95	Slide WOB:	20	Avg.ROP:	27.58
DD:	Jessie Taylor	Circ.Hrs.:	1.75	Rot. WOB:	25	Steering%:	5.53%
DD:		D&C Hrs:	96.75	Avg. Tq.:	1000	Rotate%:	94.47%
MWD:	Dan Vasquez	Rot/Stat.:	6/7;5stg	Avg. RPM :	55	GPM:	448
MWD:		ABH Set:	2.12	Incl. In:	4.3	SPP On:	1350
Mud :	Mud PV:	Mud YP:		Incl.Out:	0.6	SPP Off:	1500
Mud Wt.:	Chloride:	BHT F.:		Azimuth In :	80.5	Delta P:	-150
Mud Vis.:	Sand % :	Solid %:		Azimuth Out :	197.2	Avg.DLS:	0.5

Item	Description	Vendor	S/N	F/N	Stab. OD	OD	ID	Connection	Length	Cum.
1	Bit	REED	117765			8 3/4		4.5 REG	1.50	1.50
2	Mud Motor	BLACK MAX	67575	2.49		6 1/2		4.5 REG 4.5 XH	26.98	28.48
3	FLOAT SUB	BVES	650037			6 1/2	2 15/16	4.5 XH PxB	2.62	31.10
4	UBHO	BVES	650021			6 1/2	2 13/16	4.5 XH PxB	2.63	33.73
5	SLICK MONEL	SD	SD41966			6 1/4	2 15/16	4.5 XH PxB	30.89	64.62
6	SLICK MONEL	SD	SD41439			6 1/4	2 15/16	4.5 XH PxB	30.89	95.51
7	24 6 1/2" D.C.'S	RIG				6 1/2	2 15/16	4.5 XH PxB	729.55	825.06

Total BHA Length = 825.06

BHA Weights : Wt in Air = 74443 lb Wt in Mud = 74443 lb

BHA Exp. Behavior

BHA Act. Behavior

Comments / Reason for Trip		Accumulative PDM Hrs.	
Failure? Y or N	Failure Type		
Bit Grade	Inner/Outer/Dull Char./Location/Brng/Gage/Other/Reason Pulled	1/N/1/16	

BLACK VIPER ENERGY SERVICES, LTD.

BHA Data Sheet

Job #	2007097	BHA #:	2	Hole Size :	8 3/4"	Motor Run#	2
Customer:	BASS	Date In:	8/8/2007	Date Out:	8/9/2007	Motor OD:	6 1/2"
Well:	Golden 'D' Federal #4	Depth In:	4130	Depth Out:	4575	Total Ftg.:	445.00
Well Loc.:	Golden Lane-Delav	Slide.Hrs.:		Slide Ftg.:		Slide.ROP:	#DIV/0!
Co./St.:	Eddy	Rot.Hrs.:	9	Rot.Ftg.:	445	Rot.ROP:	49.44
Rig :	Adobe Longhorn	Drlg Hrs.:	9	Slide WOB:		Avg.ROP:	49.44
DD:	Jessie Taylor	Circ.Hrs.:	1.75	Rot. WOB:	40K	Steering%:	
DD:		D&C Hrs:	10.75	Avg. Tq.:	1000	Rotate%:	100.00%
MWD:	Dan Vasquez	Rot/Stat.:	7/8; 3STG	Avg. RPM :	65	GPM:	448
MWD:		ABH Set:	1.83	Incl. In:	0.6	SPP On:	1500
Mud :	Mud PV:	Mud YP:		Incl.Out:	0.2	SPP Off:	1400
Mud Wt.:	Chloride:	BHT F.:		Azimuth In :	197.2	Delta P:	100
Mud Vis.:	Sand % :	Solid %:		Azimuth Out :	232.6	Avg.DLS:	0.2

Item	Description	Vendor	S/N	F/N	Stab. OD	OD	ID	Connection	Length	Cum.
1	Bit	REED	M4257			8 3/4		4.5 REG	1.50	1.50
2	Mud Motor	BLACK MAX	650787	2.29		6 1/5		4.5 REG 4.5 XH	21.01	22.51
3	FLOAT SUB	BVES	650037			6 1/2	2 15/16	4.5 XH PxB	2.62	25.13
4	UBHO	BVES	650021			6 1/2	2 13/16	4.5 XH PxB	2.63	27.76
5	SLICK MONEL	SD	SD41966			6 1/4	2 15/16	4.5 XH PxB	30.89	58.65
6	SLICK MONEL	SD	SD41439			6 1/4	2 15/16	4.5 XH PxB	30.89	89.54
7	24 6 1/2" D.C.'S	RIG				6 1/2	2 15/16	4.5 XH PxB	729.55	819.09

Total BHA Length = 819.09

BHA Weights : Wt in Air = 73546 lb Wt in Mud = 73546 lb

BHA Exp. Behavior

BHA Act. Behavior

Comments / Reason for Trip		Accumulative PDM Hrs.	
Failure? Y or N	Failure Type		
Bit Grade	Inner/Outer/Dull Char./Location/Brng/Gage/Other/Reason Pulled	1/1/G	