

3/9/2007

Wellbore Diagram

r263

30-015-34794-00-00

DELILAH STATE COM No. 001H

Company Name: BOLD ENERGY, L.P.**Location:** Sec: 36 T: 18S R: 21E Spot:

Lat: 32.6986428776306 Long: -104.75420484257

Property Name: DELILAH STATE COM**County Name:** Eddy

String Information

Cement Information

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Sqz
0	0			

Formation Information

St Code	Formation	Depth
Pgl	Glorieta	1289
Pytu	Tubb	2785
Pabo	Abo	3368
Pwc	Wolfcamp	4271

Hole: Unknown

TD:

TVD: 0

PBD:

Month - Year
MAR 14 2007
OCD - ARTESIA, NM

Shelli C. Fincher
Independent Contractor
3309 Terrace
Midland, Texas 79707

Mr. Bryan Arrant
NMOCD
1301 W. Grand Ave.
Artesia, NM 88210

Mr. Arrant,

Please find corrected copies of form C104 for the Delilah State Com #1-H. As you requested I've resubmitted this form correcting the bottom hole location.

Also, per your request, I'm enclosing additional surveys that reflect the total depth of this well at 8311'.

Please contact me if you need any additional information on this well.

Regards,



Shelli Fincher
Regulatory Agent for Bold Energy
Finchers@Grandecom.net
432-230-0195

KEEPER GYRO SURVEY

Directional Survey Report

for

UAAA
3 BOLD ENERGY LP 3
3 3
AAU

Well Number	:	DELILAH STATE COM. #1-H
Well Location	:	EDDY COUNTY, NEW MEXICO
Job Number	:	32K0906751
Location Latitude	:	32.698
Survey Date	:	18-SEP-2006
S.D.C. Personnel	:	TL REHDERS
Length Units	:	Feet
North Reference	:	GRID North
Grid Correction	:	0.23 Degrees
Survey Depth Zero	:	RKB
Proposal Direction	:	18.85
Calculation Method	:	Minimum Curvature

Remarks : The INRUN Survey will be called definitive

Inrun Survey
for
BOLD ENERGY LP

Page 2

Well No.: DELILAH STATE COM #1H Date : 18-SEP-2006
Job No. : 32K0906751 GRID Proposal : 18.85

Depth (Feet)	T.V.D. (Feet)	V.S. (Feet)	Inc Deg.	Azimuth Deg.	Latitude (Feet)	Departure (Feet)	D-leg /100
4000.00	3999.18	-8.08	1.14	91.49	-30.11	63.17	0.09
4100.00	4099.16	-7.33	1.11	80.71	-29.98	65.12	0.21
4200.00	4199.14	-6.25	1.21	72.58	-29.51	67.08	0.19
4300.00	4299.12	-5.12	1.09	76.58	-28.97	69.01	0.14
4400.00	4399.10	-4.18	0.97	78.30	-28.58	70.77	0.12
4500.00	4499.09	-3.56	0.77	92.06	-28.43	72.27	0.29
4513.00	4512.09	-3.49	0.77	82.18	-28.42	72.44	1.02

The Horizontal Displacement (in Feet) at

Measured Depth 4513.00' is 77.82' in a Direction of 111.42°

LEAM Drilling Systems, Inc.
Survey Calculations

Job Number D-3881-MD

Operator: BOLD ENERGY

Location: EDDYCO, NM

Lease/Well: DELILAH STATE COM #1-H

Calculation Method: Minimum Curvature

Proposed Azimuth:

18.85

Bearing: N17.83E

Units: English(ft)

<u>MeasDepth</u>	<u>CrsLen</u>	<u>Drift</u>	<u>Azimuth</u>	<u>Bearing</u>	<u>TVD</u>	<u>Vsect</u>	<u>NS(±)</u>	<u>EW(±)</u>	<u>Build</u>	<u>Turn</u>	<u>Dogleg</u>
SCIENTIFIC GYRO TIE IN											
3850.00	0.00	0.98	102.24	S77.76E	3849.20	-9.97	-29.90	60.40	0.00	0.00	0.00
3861.00	11.00	2.50	37.60	N37.60E	3860.20	-9.73	-29.73	60.64	13.82	-587.64	20.55
3893.00	32.00	6.70	21.60	N21.60E	3892.09	-7.21	-27.44	61.75	13.13	-50.00	13.60
3925.00	32.00	11.30	17.70	N17.70E	3923.68	-2.21	-22.72	63.39	14.38	-12.19	14.49
3957.00	32.00	15.80	16.90	N16.90E	3954.79	5.28	-15.56	65.61	14.06	-2.50	14.08
3988.00	31.00	20.70	16.40	N16.40E	3984.22	14.98	-6.26	68.39	15.81	-1.61	15.82
4020.00	32.00	25.40	16.00	N16.00E	4013.65	27.50	5.77	71.88	14.69	-1.25	14.70
4051.00	31.00	30.30	16.10	N16.10E	4041.06	41.98	19.69	75.88	15.81	0.32	15.81
4083.00	32.00	35.00	16.30	N16.30E	4067.99	59.23	36.26	80.70	14.69	0.62	14.69
4113.00	30.00	39.20	17.60	N17.60E	4091.91	77.32	53.56	85.98	14.00	4.33	14.24
4144.00	31.00	42.20	18.60	N18.60E	4115.41	97.53	72.77	92.27	9.68	3.23	9.90
4176.00	32.00	44.70	19.10	N19.10E	4138.64	119.53	93.60	99.38	7.81	1.56	7.89
4207.00	31.00	47.00	19.70	N19.70E	4160.23	141.76	114.57	106.77	7.42	1.94	7.55
4239.00	32.00	49.50	20.00	N20.00E	4181.54	165.62	137.03	114.88	7.81	0.94	7.84
4270.00	31.00	51.80	20.10	N20.10E	4201.20	189.57	159.54	123.10	7.42	0.32	7.42
4301.00	31.00	54.20	20.10	N20.10E	4219.85	214.31	182.79	131.60	7.74	0.00	7.74
4332.00	31.00	56.80	19.70	N19.70E	4237.41	239.84	206.81	140.30	8.39	-1.29	8.45
4364.00	32.00	59.70	19.10	N19.10E	4254.24	267.04	232.48	149.33	9.06	-1.87	9.20
4395.00	31.00	62.30	18.70	N18.70E	4269.27	294.14	258.13	158.11	8.39	-1.29	8.46
4426.00	31.00	65.30	18.30	N18.30E	4282.96	321.95	284.50	166.94	9.68	-1.29	9.75
4456.00	30.00	68.80	17.90	N17.90E	4294.65	349.57	310.76	175.52	11.67	-1.33	11.73
4487.00	31.00	73.30	17.80	N17.80E	4304.72	378.89	338.66	184.50	14.52	-0.32	14.52
4521.00	34.00	77.30	18.00	N18.00E	4313.34	411.77	369.95	194.61	11.76	0.59	11.78
4553.00	32.00	81.80	17.50	N17.50E	4319.15	443.23	399.91	204.20	14.06	-1.56	14.15
4584.00	31.00	85.50	17.00	N17.00E	4322.57	474.03	429.33	213.33	11.94	-1.61	12.04
4615.00	31.00	87.80	17.10	N17.10E	4324.39	504.97	458.91	222.41	7.42	0.32	7.43
4646.00	31.00	88.70	16.90	N16.90E	4325.33	535.95	488.55	231.47	2.90	-0.65	2.97
4678.00	32.00	88.70	16.80	N16.80E	4326.06	567.94	519.16	240.74	0.00	-0.31	0.31
4710.00	32.00	90.10	16.50	N16.50E	4326.39	599.93	549.82	249.91	4.37	-0.94	4.47
4742.00	32.00	90.30	16.10	N16.10E	4326.28	631.92	580.53	258.89	0.63	-1.25	1.40
4773.00	31.00	90.30	16.60	N16.60E	4326.12	662.91	610.28	267.61	0.00	1.61	1.61
4843.00	70.00	89.90	15.90	N15.90E	4326.00	732.88	677.48	287.20	-0.57	-1.00	1.15
4906.00	63.00	89.90	16.60	N16.60E	4326.11	795.86	737.96	304.83	0.00	1.11	1.11
4970.00	64.00	89.70	16.70	N16.70E	4326.33	859.84	799.28	323.17	-0.31	0.16	0.35
5034.00	64.00	89.50	16.40	N16.40E	4326.78	923.83	860.63	341.40	-0.31	-0.47	0.56
5098.00	64.00	89.50	16.40	N16.40E	4327.34	987.80	922.02	359.47	0.00	0.00	0.00
5163.00	65.00	88.70	16.50	N16.50E	4328.36	1052.78	984.35	377.87	-1.23	0.15	1.24
5226.00	63.00	89.50	16.80	N16.80E	4329.35	1115.75	1044.70	395.92	1.27	0.48	1.36
5291.00	65.00	89.20	16.80	N16.80E	4330.08	1180.74	1106.92	414.71	-0.46	0.00	0.46
5354.00	63.00	90.20	16.60	N16.60E	4330.41	1243.72	1167.27	432.81	1.59	-0.32	1.62
5418.00	64.00	90.20	16.70	N16.70E	4330.19	1307.71	1228.58	451.15	0.00	0.16	0.16

LEAM Drilling Systems, Inc.

Survey Calculations

Job Number: D-3881-MD

Operator: BOLD ENERGY

Location: EDDYCO, NM

Lease/Well: DELILAH STATE COM #1-H

Calculation Method: Minimum Curvature

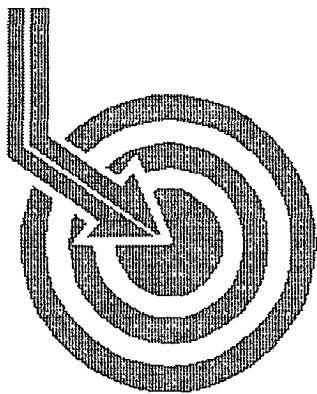
Proposed Azimuth:

18.85

Bearing: N17.83E

Units: English(ft)

<u>MeasDepth</u>	<u>CrsLen</u>	<u>Drift</u>	<u>Azimuth</u>	<u>Bearing</u>	<u>TVD</u>	<u>Vsect</u>	<u>NS(±)</u>	<u>EW(±)</u>	<u>Build</u>	<u>Turn</u>	<u>Dogleg</u>
5482.00	64.00	90.00	17.50	N17.50E	4330.08	1371.71	1289.75	469.97	-0.31	1.25	1.29
5546.00	64.00	89.30	17.00	N17.00E	4330.47	1435.70	1350.87	488.94	-1.09	-0.78	1.34
5609.00	63.00	89.10	16.60	N16.60E	4331.35	1498.68	1411.18	507.15	-0.32	-0.63	0.71
5674.00	65.00	88.60	17.30	N17.30E	4332.65	1563.66	1473.34	526.10	-0.77	1.08	1.32
5706.00	32.00	88.40	17.00	N17.00E	4333.49	1595.65	1503.91	535.53	-0.62	-0.94	1.13
5738.00	32.00	90.00	16.30	N16.30E	4333.94	1627.64	1534.56	544.70	5.00	-2.19	5.46
5770.00	32.00	91.80	16.20	N16.20E	4333.44	1659.62	1565.28	553.65	5.62	-0.31	5.63
5802.00	32.00	93.00	16.10	N16.10E	4332.10	1691.58	1595.99	562.54	3.75	-0.31	3.76
5835.00	33.00	93.10	16.70	N16.70E	4330.34	1724.52	1627.60	571.85	0.30	1.82	1.84
5867.00	32.00	93.00	16.70	N16.70E	4328.64	1756.47	1658.21	581.03	-0.31	0.00	0.31
5899.00	32.00	92.00	17.50	N17.50E	4327.24	1788.44	1688.76	590.43	-3.13	2.50	4.00
5931.00	32.00	91.90	17.60	N17.60E	4326.15	1820.42	1719.25	600.07	-0.31	0.31	0.44
5963.00	32.00	89.80	17.60	N17.60E	4325.68	1852.41	1749.75	609.75	-6.56	0.00	6.56
6027.00	64.00	89.30	18.30	N18.30E	4326.18	1916.41	1810.63	629.47	-0.78	1.09	1.34
6091.00	64.00	90.00	17.50	N17.50E	4326.57	1980.41	1871.53	649.14	1.09	-1.25	1.66
6154.00	63.00	89.90	18.20	N18.20E	4326.63	2043.41	1931.50	668.45	-0.16	1.11	1.12
6251.00	97.00	89.20	18.00	N18.00E	4327.39	2140.40	2023.70	698.59	-0.72	-0.21	0.75
6315.00	64.00	88.60	18.00	N18.00E	4328.62	2204.39	2084.55	718.36	-0.94	0.00	0.94
6379.00	64.00	88.30	18.60	N18.60E	4330.35	2268.36	2145.29	738.45	-0.47	0.94	1.05
6443.00	64.00	89.30	19.00	N19.00E	4331.69	2332.34	2205.87	759.07	1.56	0.62	1.68
6508.00	65.00	89.60	19.00	N19.00E	4332.31	2397.32	2267.32	780.23	0.46	0.00	0.46
6572.00	64.00	90.00	18.20	N18.20E	4332.54	2461.32	2327.98	800.64	0.63	-1.25	1.40
6636.00	64.00	89.90	18.20	N18.20E	4332.59	2525.31	2388.78	820.63	-0.16	0.00	0.16
6701.00	65.00	89.30	18.30	N18.30E	4333.05	2590.31	2450.50	840.99	-0.92	0.15	0.94
6766.00	65.00	90.30	18.30	N18.30E	4333.27	2655.31	2512.22	861.40	1.54	0.00	1.54
6859.00	93.00	90.60	18.40	N18.40E	4332.54	2748.30	2600.48	890.67	0.32	0.11	0.34
6924.00	65.00	90.10	17.80	N17.80E	4332.14	2813.30	2662.27	910.87	-0.77	-0.92	1.20
6988.00	64.00	89.80	17.90	N17.90E	4332.20	2877.30	2723.19	930.48	-0.47	0.16	0.49
7053.00	65.00	89.50	17.20	N17.20E	4332.60	2942.29	2785.16	950.08	-0.46	-1.08	1.17
7117.00	64.00	88.60	17.60	N17.60E	4333.66	3006.28	2846.22	969.22	-1.41	0.63	1.54
7149.00	32.00	88.60	17.30	N17.30E	4334.44	3038.27	2876.74	978.81	0.00	-0.94	0.94
7213.00	64.00	88.20	17.30	N17.30E	4336.23	3102.25	2937.82	997.84	-0.62	0.00	0.63
7277.00	64.00	88.40	17.00	N17.00E	4338.13	3166.21	2998.95	1016.70	0.31	-0.47	0.56
7342.00	65.00	88.50	17.40	N17.40E	4339.88	3231.18	3061.02	1035.91	0.15	0.62	0.63
7406.00	64.00	88.00	17.10	N17.10E	4341.84	3295.15	3122.11	1054.88	-0.78	-0.47	0.91
7484.00	78.00	88.50	17.30	N17.30E	4344.22	3373.11	3196.59	1077.94	0.64	0.26	0.69
7548.00	64.00	89.00	17.70	N17.70E	4345.62	3437.09	3257.61	1097.18	0.78	0.62	1.00
7632.00	84.00	89.20	18.00	N18.00E	4346.94	3521.08	3337.56	1122.92	0.24	0.36	0.43
7729.00	97.00	89.10	17.70	N17.70E	4348.38	3618.07	3429.88	1152.65	-0.10	-0.31	0.33
7795.00	66.00	89.70	18.20	N18.20E	4349.07	3684.07	3492.66	1172.99	0.91	0.76	1.18
7859.00	64.00	90.50	18.60	N18.60E	4348.95	3748.06	3553.39	1193.19	1.25	0.63	1.40
7923.00	64.00	90.60	18.40	N18.40E	4348.34	3812.06	3614.08	1213.50	0.16	-0.31	0.35



S

Scientific Drilling



BOLD ENERGY

Field: Wildcat
Site: Eddy County, NM
Well: Delilah State Com #1H
Wellpath: VH - Job #32K0906751
Survey: 09/18/06

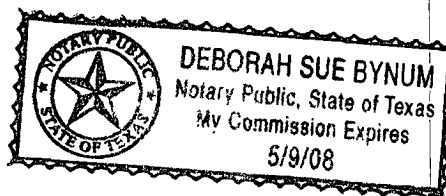
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....*[Signature]*.....Company Representative

Notorized this date 29th of October, 2006.

Deborah Sue Bynum
Notary Signature

County of Midland
State of Texas





Scientific
Drilling

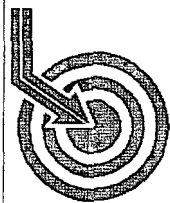
Scientific Drilling International Survey Report

Company: BOLD ENERGY	Date: 10/29/2006	Time: 14:52:50	Page: 1
Field: Wildcat	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid: North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE: 0.0	
Well: Delilah State Com #1H	Section (VS) Reference:	Well: (0.00N,0.00E,18.85Azi)	
Wellpath: VH - Job #32K0906751	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 09/18/06	Start Date: 09/18/2006	
KSRG 0'-4513'		
Company: Scientific Drilling Internatio	Engineer: Rehders/Rando	
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	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.25	181.83	100.00	-0.21	-0.22	-0.01	0.25	0.22	181.83
200.00	0.34	168.83	200.00	-0.67	-0.73	0.04	0.11	0.73	176.59
300.00	0.25	321.62	300.00	-0.81	-0.85	-0.03	0.57	0.85	182.31
400.00	0.24	50.60	400.00	-0.52	-0.54	-0.01	0.34	0.54	180.73
500.00	0.36	62.75	500.00	-0.11	-0.27	0.43	0.13	0.51	121.63
600.00	0.70	74.31	599.99	0.46	0.04	1.30	0.35	1.30	88.18
700.00	1.55	90.84	699.97	1.22	0.19	3.24	0.91	3.24	86.71
800.00	1.49	100.69	799.94	1.83	-0.07	5.87	0.27	5.87	90.73
900.00	1.63	109.06	899.90	2.01	-0.78	8.49	0.27	8.53	95.25
1000.00	1.80	104.45	999.85	2.12	-1.64	11.35	0.22	11.47	98.20
1100.00	2.48	102.91	1099.78	2.46	-2.51	14.98	0.68	15.19	99.51
1200.00	2.34	99.88	1199.70	3.01	-3.34	19.10	0.19	19.39	99.93
1300.00	1.56	121.56	1299.64	3.02	-4.41	22.27	1.06	22.70	101.19
1400.00	1.60	125.12	1399.60	2.33	-5.92	24.57	0.10	25.28	103.55
1500.00	1.40	125.21	1499.57	1.60	-7.43	26.71	0.20	27.73	105.55
1600.00	1.31	125.97	1599.54	0.92	-8.81	28.64	0.09	29.96	107.10
1700.00	1.16	121.58	1699.52	0.36	-10.01	30.43	0.18	32.03	108.21
1800.00	1.12	122.70	1799.50	-0.10	-11.07	32.12	0.05	33.97	109.02
1900.00	1.08	124.01	1899.48	-0.58	-12.13	33.72	0.05	35.83	109.78
2000.00	1.04	115.70	1999.46	-0.94	-13.05	35.32	0.16	37.65	110.28
2100.00	0.95	114.98	2099.44	-1.13	-13.79	36.89	0.09	39.38	110.50
2200.00	1.00	112.93	2199.43	-1.28	-14.48	38.45	0.06	41.08	110.64
2300.00	1.06	116.27	2299.41	-1.47	-15.23	40.08	0.09	42.88	110.81
2400.00	1.06	119.72	2399.40	-1.76	-16.10	41.71	0.06	44.71	111.11
2500.00	1.06	134.91	2499.38	-2.34	-17.21	43.17	0.28	46.47	111.74
2600.00	0.98	132.04	2599.36	-3.08	-18.44	44.46	0.09	48.13	112.52
2700.00	0.94	134.15	2699.35	-3.77	-19.58	45.68	0.05	49.70	113.20
2800.00	1.01	125.91	2799.34	-4.38	-20.67	46.98	0.16	51.33	113.74
2900.00	0.84	134.71	2899.32	-4.96	-21.70	48.22	0.22	52.88	114.23
3000.00	0.90	126.83	2999.31	-5.52	-22.69	49.37	0.13	54.34	114.68
3100.00	0.93	126.29	3099.30	-6.01	-23.64	50.65	0.03	55.90	115.02
3200.00	0.89	127.77	3199.29	-6.50	-24.60	51.92	0.05	57.45	115.35
3300.00	0.83	132.20	3299.27	-7.04	-25.56	53.07	0.09	58.91	115.72
3400.00	0.88	127.35	3399.26	-7.57	-26.51	54.22	0.09	60.35	116.06
3500.00	0.90	124.40	3499.25	-8.03	-27.42	55.48	0.05	61.88	116.30
3600.00	0.95	122.30	3599.24	-8.43	-28.31	56.83	0.06	63.49	116.48
3700.00	0.83	114.81	3699.23	-8.70	-29.05	58.18	0.17	65.04	116.54
3800.00	0.91	111.96	3799.21	-8.82	-29.66	59.58	0.09	66.55	116.46
3900.00	1.07	93.99	3899.20	-8.62	-30.02	61.25	0.35	68.21	116.11
4000.00	1.14	91.49	3999.18	-8.08	-30.11	63.17	0.09	69.98	115.48
4100.00	1.11	80.71	4099.16	-7.33	-29.98	65.12	0.21	71.69	114.72
4200.00	1.21	72.58	4199.14	-6.25	-29.51	67.08	0.19	73.28	113.74
4300.00	1.09	76.58	4299.12	-5.12	-28.97	69.01	0.14	74.85	112.77
4400.00	0.97	78.30	4399.11	-4.18	-28.58	70.77	0.12	76.32	111.99
4500.00	0.77	92.06	4499.09	-3.55	-28.43	72.27	0.29	77.66	111.47
4513.00	0.77	82.18	4512.09	-3.49	-28.42	72.44	1.02	77.82	111.42



Scientific
Drilling

Field: **Wildcat**
Site: **Eddy County, NM**
Well: **Delilah State Com #1H**
Wellpath: **VH - Job #32K0906751**
Survey: **09/18/06**

