

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 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised Feb. 26, 2007

S Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

NOV 06 2007

Submit to Appropriate District Office
5 Copies

OCD-ARTESIA

☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address BOLD ENERGY, LP 415 W. Wall Street, Suite 500 Midland, Texas 79701		² OGRID Number 233545
		³ Reason for Filing Code/ Effective Date NW / 2-01-07
⁴ API Number 30 - 015 - 34794	⁵ Pool Name Four Mile Draw Wolfcamp (Gas) 34	
⁶ Pool Code		
⁷ Property Code	⁸ Property Name Delilah State Com	⁹ Well Number 1 H

II. ¹⁰ Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
M	36	18S	21E		660	South	660	West	Eddy

¹¹ Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
D	36	18S	21E		639	North	2000	West	Eddy
¹² Lse Code S	¹³ Producing Method Code F	¹⁴ Gas Connection Date 12-14-06	¹⁵ C-129 Permit Number N/A	¹⁶ C-129 Effective Date N/A	¹⁷ C-129 Expiration Date N/A				

III. Oil and Gas Transporters

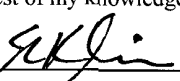
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
36785	Duke Energy Field Services 370 17th Street, Suite 2500, Denver, Colorado 80202	G

IV. Well Completion Data

²¹ Spud Date 9/04/06	²² Ready Date 1/26/06	²³ TD 8,311' MD / 4,348' TVD	²⁴ PBDT 8,265' (MD)	²⁵ Perforations 4,610' - 8,134' (MD)	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5"	13.375"	265'	495		
12.25"	9.625"	1,297'	850		
8.5"	5.5"	8,311' (MD) / 4,348' (TVD)	712		

V. Well Test Data

³¹ Date New Oil N/A	³² Gas Delivery Date 12/14/06	³³ Test Date 1/26/07	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 270	³⁶ Csg. Pressure 370
³⁷ Choke Size 12/64"	³⁸ Oil 0	³⁹ Water 22	⁴⁰ Gas 769		⁴¹ Test Method P

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 		OIL CONSERVATION DIVISION	
Printed name: Shannon L. Klier		Approved by: BRYAN G. ARRANT	
Title: Operations Engineering Manager		Title: DISTRICT II GEOLOGIST	
E-mail Address: shannon.klier@boldenergy.com		Approval Date: NOV 06 2007	
Date: 11/5/07	Phone: 432-686-1100		

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

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>
8019.00	96.00	91.10	18.90	N18.90E	4346.92	3908.04	3705.03	1244.20	0.52	0.52	0.74
8083.00	64.00	90.20	19.10	N19.10E	4346.19	3972.02	3765.53	1265.03	-1.41	0.31	1.44
8147.00	64.00	89.90	19.30	N19.30E	4346.13	4036.00	3825.97	1286.08	-0.47	0.31	0.56
8212.00	65.00	89.60	19.50	N19.50E	4346.42	4100.97	3887.28	1307.67	-0.46	0.31	0.56
8259.00	47.00	89.40	19.20	N19.20E	4346.83	4147.96	3931.63	1323.24	-0.43	-0.64	0.77
STRAIGHT LINE PROJ. TO BIT											
8311.00	52.00	88.40	19.20	N19.20E	4347.83	4199.93	3980.72	1340.34	-1.92	0.00	1.92

