

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., 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 and Natural Resources

Form C-103
May 27, 2004

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

WELL API NO. 30-015-34427
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)
1. Type of Well: Oil Well ☐ Gas Well ☒ Other

7. Lease Name or Unit Agreement Name
Mara State

8. Well Number
1

2. Name of Operator
BOLD ENERGY, LP

9. OGRID Number
233545

3. Address of Operator
415 W. Wall, Suite 500 Midland, Texas 79701

10. Pool name or Wildcat
Wildcat; Wolfcamp Gas

4. Well Location
Unit Letter **N** : **770** feet from the **South** line and **1880** feet from the **West** line
Section **6** Township **19S** Range **23E** NMPM County **Eddy**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4058' GR

Pit or Below-grade Tank Application ☐ or Closure ☐
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER **Completion Liner Detail / Directional Survey** ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Drd 6 1/8" horizontal wellbore into Wolfcamp zone to 7997' MD TD on 4/24/06. Conditioned hole for liner – did not log horizontal leg. WO completion equipment for 4 days; circulated OH w/ 2% KCL water in preparation to run liner. Ran 95 jts 4 1/2" 11.6# L-80 LTC csg w/ Peak Completion Technologies uncemented completion assembly consisting of 10 isolation packers and 9 sliding sleeve ports spaced across Wolfcamp open hole interval. Landed liner w/ end set @ 7967' and hanger @ 3792'. Schlumberger applied required pressure and set isolation packers and liner hanger assembly. Released from liner and POH & LDDP. Removed BOP & installed WH equip, closed-in wellbore. RR @ 2:00 PM on 4/30/06. WO completion.

Attachments:

Wellbore Schematic
Directional Survey Report
C-102

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE *D. C. Dodd* TITLE **Agent for BOLD ENERGY, LP** DATE **6/28/06**
Type or print name **D. C. Dodd** E-mail address: **ddodd@sierra-engineering.net** Telephone No. **432 / 683-8000**

For State Use Only

FOR RECORDS ONLY

APPROVED BY: _____ TITLE _____ DATE **JUL 14 2006**
Conditions of Approval (if any): _____

BOLD ENERGY, LP**Mara State #1**

Elevation: 4058'
KB: 12'
Meas. TD: 8010'
TVD: 4376'
PBD: 8010' (MD)
Zone: Wolfcamp

API: 30-015-34427
Surface Location: 770' FSL & 1880' FWL
BH Location: 660' FNL & 1880' FWL
Legal Description: Section 6 - T19S - R23E
Field: Wildcat; Wolfcamp (Gas)
County: Eddy
State: New Mexico

Casing	Hole	Weight	Grade	MD	TVD	Burst	80%	TOC
20"				40'	40'			Surface
13-3/8"	17-1/2"	48#	H-40	302'	302'	1730	1384	Surface (1')
9-5/8"	12-1/4"	36#	J-55	1722'	1722'	3520	2816	Surface (1')
OH	8-3/4"	n/a	n/a	7700'	7700'	n/a	n/a	Plugs
7"	8-3/4"	23#	L-80	4515'	4350'	6340	5072	1,100 (TS)
4-1/2"	6-1/8"	11.6#	L-80	7967'	4358'	7780	6224	None

Date	Event
2/27/2006	Spud
3/29/2006	TD vertical
3/30/2006	Run OH logs in vertical section
4/1/2006	Plug vertical hole and set kickoff plug for horizontal Wolfcamp
4/14/2006	Set 7" casing
4/29/2006	Set 4 1/2" liner w/ Peak Completion Technologies Assembly
4/30/2006	RR

Structural Casing
13-3/8" 48# H-40 at 302'
TOC - Surface

Surface Casing
9-5/8" 36# J-55 at 1722'
TOC - Surface

Intermediate Casing
7" 23# L-80 at 4515'
TOC - 1100'

Plug #4
3750' - 4112'

Plug #3
4254' - 4620'

Plug #2
5801' - 5984'

Plug #1
7354' - 7478'

Liner Hanger @ 3792'
3909' KOP

Sliding Sleeves

OH Isolation Packers

7997'
MD TD

Isolation Packer Depths

1 7854'
2 7548'
3 7158'
4 6809'
5 6419'
6 6071'
7 5681'
8 5328'
9 4934'
10 4543'

Sliding Sleeve Depths

1 7728'
2 7380'
3 6989'
4 6640'
5 6250'
6 5861'
7 5508'
8 5114'
9 4640'

TD at 7700'

Pathfinder Energy

Survey Report - Geographic

Company: Bold Energy	Date: 5/1/2006	Time: 13:25:26	Page: 1
Field: Mara State	Co-ordinate(NE) Reference: Well: Mara State #1, Grid North		
Site: Mara State #1	Vertical (TVD) Reference: System: Mean Sea Level		
Well: Mara State #1	Section (VS) Reference: Well (0.00N,0.00E,0.00Azi)		
Wellpath: Original Hole	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Field: Mara State Eddy County, NM		
Map System: US State Plane Coordinate System 1927	Map Zone: New Mexico, Eastern Zone	
Geo Datum: NAD27 (Clarke 1866)	Coordinate System: Well Centre	
Sys Datum: Mean Sea Level	Geomagnetic Model: igrf2005	

Site: Mara State #1 Section 6, T-19S, R-23E 770 FSL and 1880 FWL		
Site Position:	Northing: ft	Latitude:
From: Lease Line	Easting: ft	Longitude:
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 4058.00 ft		Grid Convergence: -0.22 deg

Well: Mara State #1 Wolf Camp Horizontal	Slot Name:	
Well Position: +N/-S 0.00 ft	Northing: 612899.30 ft	Latitude: 32 41 3.568 N
+E/-W 0.00 ft	Easting : 377197.20 ft	Longitude: 104 43 56.891 W
Position Uncertainty: 0.00 ft		

Wellpath: Original Hole Wolf Camp Horizontal	Drilled From: Surface	
Current Datum: Mean Sea Level	Tie-on Depth: 0.00 ft	
Magnetic Data: 3/31/2006	Above System Datum: Mean Sea Level	
Field Strength: 49319 nT	Declination: 8.75 deg	
Vertical Section: Depth From (TVD)	Mag Dip Angle: 60.53 deg	
ft	+N/-S	+E/-W
ft	ft	ft
0.00	0.00	0.00
		0.00

Survey: Pathfinder MWD Survey	Start Date: 4/10/2006
Company: PathFinder Energy Services	Engineer: Monte Magee
Tool:	Tied-to: From: Gyro Survey

Survey: Pathfinder MWD Survey											
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg Min Sec			<--- Longitude ---> Deg Min Sec
3900.00	0.25	72.52	3899.88	17.09	-2.78	612916.39	377194.42	32	41	3.737 N	104 43 56.924 W
3909.00	1.11	9.54	3908.88	17.18	-2.74	612916.48	377194.46	32	41	3.738 N	104 43 56.923 W
3939.00	4.48	0.00	3938.84	18.64	-2.70	612917.94	377194.50	32	41	3.753 N	104 43 56.923 W
3971.00	8.62	355.87	3970.63	22.28	-2.87	612921.58	377194.33	32	41	3.789 N	104 43 56.925 W
4003.00	12.66	354.56	4002.07	28.16	-3.37	612927.46	377193.83	32	41	3.847 N	104 43 56.931 W
4035.00	17.06	354.73	4032.99	36.33	-4.14	612935.63	377193.06	32	41	3.928 N	104 43 56.941 W
4066.00	21.19	355.52	4062.27	46.45	-4.99	612945.75	377192.21	32	41	4.028 N	104 43 56.951 W
4098.00	25.32	357.28	4091.67	59.06	-5.77	612958.36	377191.43	32	41	4.152 N	104 43 56.961 W
4130.00	29.19	0.27	4120.11	73.70	-6.06	612973.00	377191.14	32	41	4.297 N	104 43 56.965 W
4162.00	33.77	1.06	4147.39	90.41	-5.86	612989.71	377191.34	32	41	4.463 N	104 43 56.963 W
4193.00	38.25	2.29	4172.46	108.62	-5.31	613007.92	377191.89	32	41	4.643 N	104 43 56.958 W
4225.00	42.91	2.12	4196.76	129.41	-4.51	613028.71	377192.69	32	41	4.849 N	104 43 56.949 W
4257.00	47.13	1.76	4219.38	152.03	-3.75	613051.33	377193.45	32	41	5.072 N	104 43 56.941 W
4289.00	50.56	1.76	4240.43	176.11	-3.01	613075.41	377194.19	32	41	5.311 N	104 43 56.934 W
4321.00	53.82	1.94	4260.05	201.38	-2.19	613100.68	377195.01	32	41	5.561 N	104 43 56.925 W
4352.00	56.63	2.29	4277.73	226.82	-1.25	613126.12	377195.95	32	41	5.813 N	104 43 56.915 W
4384.00	59.53	2.29	4294.64	253.96	-0.17	613153.26	377197.03	32	41	6.081 N	104 43 56.904 W
4416.00	63.05	1.94	4310.01	282.00	0.87	613181.30	377198.07	32	41	6.359 N	104 43 56.893 W
4448.00	66.65	1.59	4323.61	310.95	1.76	613210.25	377198.96	32	41	6.645 N	104 43 56.884 W
4472.00	70.17	0.97	4332.44	333.25	2.25	613232.55	377199.45	32	41	6.866 N	104 43 56.879 W
4545.00	75.10	358.95	4354.22	402.90	2.19	613302.20	377199.39	32	41	7.555 N	104 43 56.883 W
4577.00	75.62	358.95	4362.31	433.86	1.62	613333.16	377198.82	32	41	7.861 N	104 43 56.891 W
4609.00	77.73	358.25	4369.69	464.98	0.86	613364.28	377198.06	32	41	8.169 N	104 43 56.901 W

Pathfinder Energy

Survey Report - Geographic

Company: Bold Energy	Date: 5/1/2006	Time: 13:25:26	Page: 2
Field: Mara State	Co-ordinate(NE) Reference:	Well: Mara State #1, Grid North	
Site: Mara State #1	Vertical (TVD) Reference:	System: Mean Sea Level	
Well: Mara State #1	Section (VS) Reference:	Well (0.00N,0.00E,0.00Azi)	
Wellpath: Original Hole	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: Pathfinder MWD Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec			Longitude Deg Min Sec		
4641.00	80.37	358.42	4375.76	496.38	-0.05	613395.68	377197.15	32	41	8.480 N	104	43	56.913 W
4641.79	80.43	358.42	4375.90	497.16	-0.07	613396.46	377197.13	32	41	8.488 N	104	43	56.913 W
4673.00	82.83	358.25	4380.44	528.02	-0.97	613427.32	377196.23	32	41	8.793 N	104	43	56.925 W
4705.00	84.68	0.00	4383.92	559.83	-1.46	613459.13	377195.74	32	41	9.108 N	104	43	56.932 W
4737.00	85.91	357.63	4386.54	591.71	-2.12	613491.01	377195.08	32	41	9.423 N	104	43	56.941 W
4769.00	87.32	357.11	4388.43	623.62	-3.58	613522.92	377193.62	32	41	9.739 N	104	43	56.960 W
4801.00	88.02	356.93	4389.74	655.55	-5.25	613554.85	377191.95	32	41	10.055 N	104	43	56.981 W
4833.00	88.90	356.23	4390.60	687.48	-7.15	613586.78	377190.05	32	41	10.371 N	104	43	57.005 W
4864.00	89.69	356.14	4390.98	718.41	-9.22	613617.71	377187.98	32	41	10.677 N	104	43	57.030 W
4896.00	89.69	355.87	4391.15	750.33	-11.45	613649.63	377185.75	32	41	10.993 N	104	43	57.058 W
4928.00	90.31	356.31	4391.15	782.26	-13.63	613681.56	377183.57	32	41	11.308 N	104	43	57.084 W
4960.00	90.66	356.31	4390.88	814.19	-15.69	613713.49	377181.51	32	41	11.624 N	104	43	57.110 W
4992.00	91.54	356.58	4390.26	846.12	-17.67	613745.42	377179.53	32	41	11.940 N	104	43	57.135 W
5024.00	92.42	357.54	4389.16	878.06	-19.31	613777.36	377177.89	32	41	12.256 N	104	43	57.155 W
5088.00	92.51	358.69	4386.41	941.97	-21.41	613841.27	377175.79	32	41	12.889 N	104	43	57.183 W
5120.00	92.86	358.69	4384.91	973.92	-22.15	613873.22	377175.05	32	41	13.205 N	104	43	57.193 W
5152.00	92.33	359.48	4383.46	1005.88	-22.66	613905.18	377174.54	32	41	13.521 N	104	43	57.200 W
5184.00	92.68	359.74	4382.06	1037.85	-22.87	613937.15	377174.33	32	41	13.837 N	104	43	57.204 W
5216.00	91.63	0.53	4380.86	1069.83	-22.80	613969.13	377174.40	32	41	14.154 N	104	43	57.204 W
5248.00	91.01	1.15	4380.12	1101.82	-22.33	614001.12	377174.87	32	41	14.470 N	104	43	57.200 W
5280.00	90.57	1.24	4379.68	1133.81	-21.66	614033.11	377175.54	32	41	14.787 N	104	43	57.194 W
5312.00	90.66	1.24	4379.33	1165.80	-20.97	614065.10	377176.23	32	41	15.103 N	104	43	57.187 W
5344.00	90.84	1.32	4378.92	1197.79	-20.25	614097.09	377176.95	32	41	15.420 N	104	43	57.180 W
5376.00	91.01	1.32	4378.40	1229.77	-19.52	614129.07	377177.68	32	41	15.737 N	104	43	57.173 W
5408.00	91.19	1.67	4377.78	1261.76	-18.68	614161.06	377178.52	32	41	16.053 N	104	43	57.165 W
5439.00	90.04	1.85	4377.45	1292.74	-17.73	614192.04	377179.47	32	41	16.360 N	104	43	57.155 W
5471.00	89.16	1.76	4377.68	1324.72	-16.72	614224.02	377180.48	32	41	16.676 N	104	43	57.145 W
5503.00	89.43	1.59	4378.07	1356.71	-15.79	614256.01	377181.41	32	41	16.993 N	104	43	57.135 W
5567.00	89.96	1.85	4378.41	1420.68	-13.87	614319.98	377183.33	32	41	17.626 N	104	43	57.115 W
5630.00	90.48	1.85	4378.17	1483.64	-11.83	614382.94	377185.37	32	41	18.249 N	104	43	57.094 W
5695.00	90.40	2.20	4377.67	1548.60	-9.54	614447.90	377187.66	32	41	18.892 N	104	43	57.070 W
5726.00	90.84	2.20	4377.33	1579.58	-8.35	614478.88	377188.85	32	41	19.198 N	104	43	57.058 W
5759.00	91.19	2.64	4376.75	1612.54	-6.95	614511.84	377190.25	32	41	19.525 N	104	43	57.043 W
5823.00	91.63	3.08	4375.17	1676.44	-3.76	614575.74	377193.44	32	41	20.157 N	104	43	57.008 W
5887.00	90.13	3.35	4374.19	1740.33	-0.17	614639.63	377197.03	32	41	20.789 N	104	43	56.969 W
5919.00	89.25	3.35	4374.36	1772.28	1.70	614671.58	377198.90	32	41	21.106 N	104	43	56.949 W
5951.00	90.84	3.70	4374.34	1804.22	3.67	614703.52	377200.87	32	41	21.422 N	104	43	56.927 W
5983.00	90.22	3.78	4374.04	1836.15	5.75	614735.45	377202.95	32	41	21.738 N	104	43	56.904 W
6015.00	90.04	3.61	4373.97	1868.08	7.82	614767.38	377205.02	32	41	22.054 N	104	43	56.881 W
6047.00	89.69	3.35	4374.05	1900.02	9.76	614799.32	377206.96	32	41	22.370 N	104	43	56.860 W
6079.00	89.08	3.08	4374.39	1931.97	11.55	614831.27	377208.75	32	41	22.686 N	104	43	56.840 W
6143.00	91.01	3.26	4374.34	1995.87	15.09	614895.17	377212.29	32	41	23.319 N	104	43	56.802 W
6206.00	90.92	2.82	4373.28	2058.77	18.43	614958.07	377215.63	32	41	23.941 N	104	43	56.766 W
6270.00	91.28	2.82	4372.05	2122.68	21.58	615021.98	377218.78	32	41	24.574 N	104	43	56.732 W
6334.00	91.54	3.17	4370.47	2186.57	24.92	615085.87	377222.12	32	41	25.206 N	104	43	56.695 W
6398.00	90.92	2.55	4369.10	2250.48	28.12	615149.78	377225.32	32	41	25.839 N	104	43	56.661 W
6462.00	90.13	1.50	4368.51	2314.43	30.38	615213.73	377227.58	32	41	26.472 N	104	43	56.637 W
6494.00	88.81	0.97	4368.81	2346.42	31.07	615245.72	377228.27	32	41	26.788 N	104	43	56.630 W
6558.00	88.81	0.18	4370.14	2410.41	31.71	615309.71	377228.91	32	41	27.421 N	104	43	56.626 W
6621.00	89.34	0.09	4371.16	2473.40	31.86	615372.70	377229.06	32	41	28.045 N	104	43	56.627 W
6685.00	89.69	0.36	4371.70	2537.39	32.11	615436.69	377229.31	32	41	28.678 N	104	43	56.627 W
6749.00	89.34	0.18	4372.24	2601.39	32.41	615500.69	377229.61	32	41	29.311 N	104	43	56.626 W

Pathfinder Energy

Survey Report - Geographic

Company: Bold Energy Field: Mara State Site: Mara State #1 Well: Mara State #1 Wellpath: Original Hole	Date: 5/1/2006 Co-ordinate(NE) Reference: Well: Mara State #1, Grid North Vertical (TVD) Reference: System: Mean Sea Level Section (VS) Reference: Well (0.00N,0.00E,0.00Azi) Survey Calculation Method: Minimum Curvature	Time: 13:25:26 Page: 3 Db: Sybase
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Survey: Pathfinder MWD Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude			Longitude		
								Deg	Min	Sec	Deg	Min	Sec
6813.00	90.22	0.71	4372.49	2665.39	32.91	615564.69	377230.11	32	41	29.945 N	104	43	56.623 W
6877.00	90.48	0.80	4372.10	2729.38	33.75	615628.68	377230.95	32	41	30.578 N	104	43	56.616 W
6942.00	89.60	359.39	4372.05	2794.38	33.86	615693.68	377231.06	32	41	31.221 N	104	43	56.617 W
7006.00	90.75	0.53	4371.85	2858.38	33.81	615757.68	377231.01	32	41	31.854 N	104	43	56.621 W
7040.00	89.62	359.48	4371.74	2892.38	33.82	615791.68	377231.02	32	41	32.191 N	104	43	56.622 W
7101.00	88.46	358.16	4372.77	2953.35	32.56	615852.65	377229.76	32	41	32.794 N	104	43	56.640 W
7165.00	88.37	357.72	4374.54	3017.29	30.26	615916.59	377227.46	32	41	33.427 N	104	43	56.669 W
7198.00	88.64	358.16	4375.40	3050.25	29.07	615949.55	377226.27	32	41	33.753 N	104	43	56.685 W
7230.00	90.40	358.51	4375.67	3082.24	28.14	615981.54	377225.34	32	41	34.069 N	104	43	56.697 W
7261.00	91.98	357.90	4375.02	3113.21	27.17	616012.51	377224.37	32	41	34.376 N	104	43	56.710 W
7325.00	91.63	357.72	4373.01	3177.14	24.73	616076.44	377221.93	32	41	35.008 N	104	43	56.741 W
7388.00	91.89	357.81	4371.07	3240.06	22.27	616139.36	377219.47	32	41	35.631 N	104	43	56.773 W
7452.00	91.19	357.02	4369.35	3303.97	19.39	616203.27	377216.59	32	41	36.263 N	104	43	56.809 W
7516.00	91.36	357.02	4367.93	3367.87	16.06	616267.17	377213.26	32	41	36.895 N	104	43	56.851 W
7580.00	91.01	356.93	4366.60	3431.76	12.69	616331.06	377209.89	32	41	37.527 N	104	43	56.893 W
7644.00	90.31	357.37	4365.87	3495.68	9.50	616394.98	377206.70	32	41	38.160 N	104	43	56.933 W
7708.00	90.66	356.84	4365.32	3559.59	6.27	616458.89	377203.47	32	41	38.792 N	104	43	56.974 W
7740.00	91.19	357.54	4364.81	3591.55	4.70	616490.85	377201.90	32	41	39.108 N	104	43	56.994 W
7804.00	90.57	357.81	4363.83	3655.49	2.11	616554.79	377199.31	32	41	39.741 N	104	43	57.027 W
7867.00	92.33	358.77	4362.23	3718.44	0.23	616617.74	377197.43	32	41	40.364 N	104	43	57.052 W
7950.00	91.80	358.51	4359.24	3801.36	-1.74	616700.66	377195.46	32	41	41.184 N	104	43	57.078 W
7997.00	91.80	358.51	4357.76	3848.32	-2.96	616747.62	377194.24	32	41	41.649 N	104	43	57.095 W

Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude			Longitude		
							Deg	Min	Sec	Deg	Min	Sec
PBHL Mara State #1		4385.50	3849.30	0.00	616748.60	377197.20	32	41	41.659 N	104	43	57.060 W

Annotation

MD ft	TVD ft	
3909.00	3908.88	KOP @ 3909' MD 3909' TVD
3909.00	3908.88	Start of 12.25° / 100' Build Rate
4641.79	4375.90	End of Curve @ 89.94° Inc 4376' TVD

BOLD ENERGY

Field: Mara State
 Site: Mara State #1
 Well: Mara State #1
 Wellpath: Original Hole
 Survey: Pathfinder MWD Survey

WELLPATH DETAILS

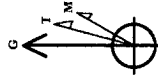
Original Hole
 Well/Camp Horizontal

Fig: Mara State #1
 Scale: 1" = 200'
 770 FSL and 1880 FWL
 Ground Level: 4058.00
 Positional Uncertainty: 0.00
 Angle: ±E/W
 Convergence: -0.22

COMPANY DETAILS

Bold Energy

Calculation Method: Minimum Curvature
 Error System: Systematic Ellipse
 Scan Method: Chassey Approach 3D
 Error Surface: Elliptical Centric
 Warning Method: Error Ratio



Adjustments to Grid North
 True North: 0.22°
 Magnetic North: 8.57°
 Magnetic Field
 Strength: 48319nT
 Dip Angle: 60.53°
 Date: 3/3/2006
 Model: IGR2005

SITE DETAILS

Mara State #1
 Scale: 1" = 200'
 770 FSL and 1880 FWL

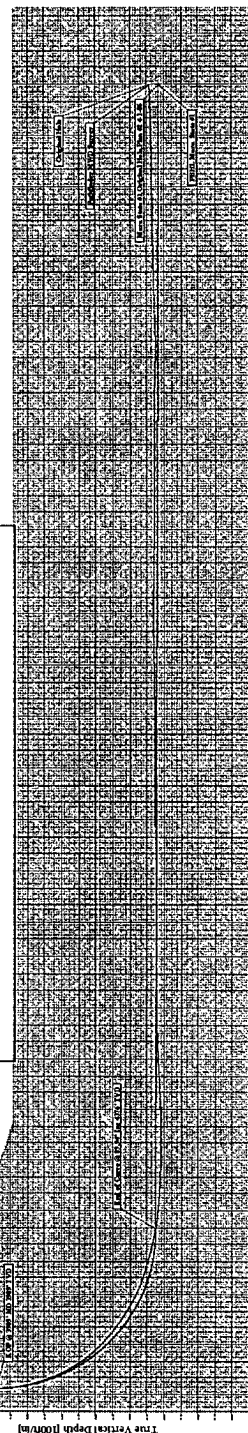
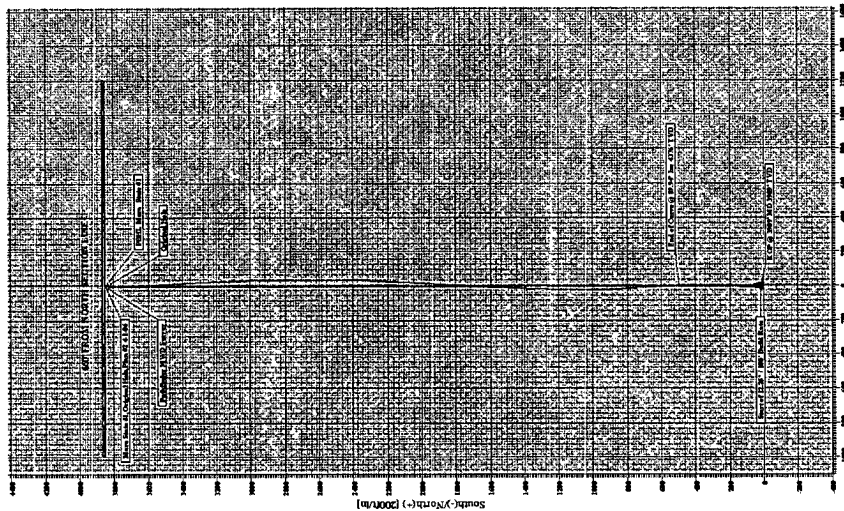
Ground Level: 4058.00
 Positional Uncertainty: 0.00
 Angle: ±E/W
 Convergence: -0.22

LEGEND
 --- Mara State #1 Original Hole/Plan #2 4-1-06
 --- Mara State #1 Original Hole/Plan #2 4-1-06
 --- Pathfinder MWD Survey

ANNOTATIONS

No.	TVD	MD	Annotation
1	1008.68	3989.00	KOP @ 5900' MD 3989' TVD
2	1008.68	3989.00	Start of 12.25° / 100' Build Rate
3	4375.90	4641.79	End of Curve @ 89.48° Inc 4376' TVD

No.	MD	Inc	At	TVD	HMS	45.18°	Clag	Thru	Y-Base
1	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
2	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
3	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
4	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
5	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
6	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
7	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
8	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
9	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
10	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
11	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
12	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
13	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
14	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
15	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
16	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
17	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
18	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
19	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
20	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
21	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
22	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
23	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
24	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
25	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
26	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
27	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
28	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
29	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
30	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
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33	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
34	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
35	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
36	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
37	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
38	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
39	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
40	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
41	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
42	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
43	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
44	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
45	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
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62	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
63	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
64	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
65	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
66	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
67	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
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69	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
70	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
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72	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
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74	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
75	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
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77	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
78	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
79	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
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82	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
83	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
84	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
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86	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
87	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
88	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
89	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
90	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
91	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
92	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
93	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
94	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
95	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
96	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
97	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
98	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
99	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00
100	3989.00	0.00	0.00	3989.00	17.00	0.00	0.00	17.00	17.00



Vertical Section at 0.00° (1000m)

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 Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

JUL - 3 2006

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

¹ API Number 30 - 015 - 34427	² Pool Code	³ Pool Name Wildcat; Wolfcamp Gas
⁴ Property Code 35477	⁵ Property Name Mara State	⁶ Well Number 1
⁷ OGRID No. 233545	⁸ Operator Name BOLD ENERGY, LP	⁹ Elevation 4058'

¹⁰ Surface Location

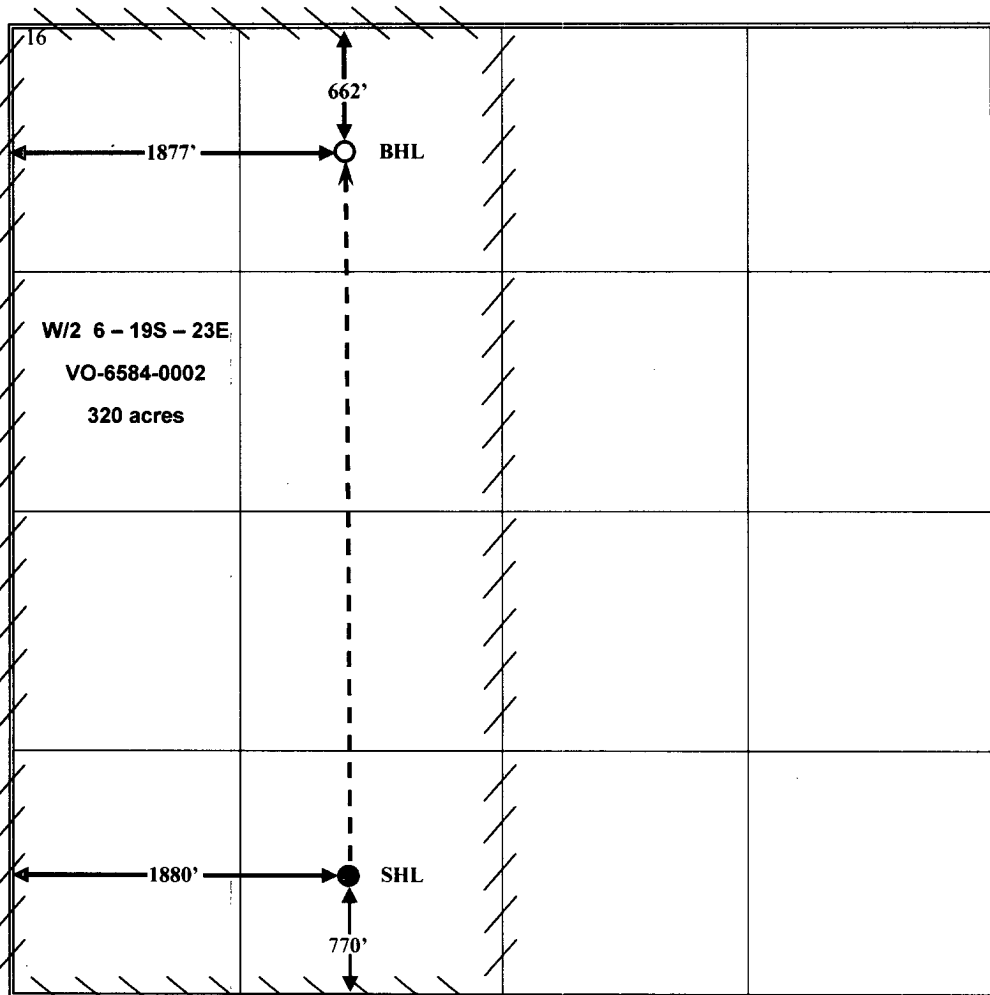
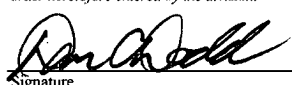
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	6	19S	23E		770	South	1880	West	Eddy

¹¹ 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
C	6	19S	23E		662	North	1877	West	Eddy

¹² Dedicated Acres 320	¹³ Joint or Infill N	¹⁴ Consolidation Code P	¹⁵ 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.

	¹⁷ 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 or has a right to drill this well at this 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.  6/28/06 Signature Date D. C. Dodd, agent for BOLD Energy, LP Printed Name ddodd@sierra-engineering.net ¹⁸ 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 of Survey Signature and Seal of Professional Surveyor: Certificate Number
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