

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. 30-015-10222
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Jezebel State
8. Well Number 1H
9. OGRID Number 233545
10. Pool name or Wildcat Undes. Runyan Ranch; Morrow

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

2. Name of Operator

BOLD ENERGY, LP

3. Address of Operator

415 W. Wall, Suite 500

Midland, Texas 79701

4. Well Location

Unit Letter **A** : **660** feet from the **North** line and **810** feet from the **East** line

Section **36**

Township **18S**

Range **21E**

NMPM

County **Eddy**

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

4122' 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 Initiation of Re-entry Operations ☒

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.

Prepped location for re-entry operations. MIRU Key Energy Services Horizontal Rig #36 on 5/4/06. Installed WH onto existing 8 5/8" csg & installed BOP, tested to 500 psi, OK. Drilled out the following cement plugs from wellbore:

1. 3' - 10'
2. 337' - 553'
3. 1627' - 2481' (note: tested casing to 500 psi prior to drilling this plug, tested OK)
4. 3305' - 3575'
5. Drilled stub plug from 4170' - 4382'

Ran GYRO survey from 0' - 4360'. Schlumberger pumped two stages of 145 sx Class "H" cmt and plugged wellbore back from 4367' - 3432'. WOC, dressed cement plug to 3807' KOP and initiated directional drilling operations on 5/9/06.

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  TITLE Agent for BOLD ENERGY, LP DATE 5/17/06
Type or print name D. C. Dodd E-mail address: ddodd@sierra-engineering.net Telephone No. 432 / 683-8000

For State Use Only

APPROVED BY: FOR RECORDS ONLY TITLE _____ DATE MAY 18 2006
Conditions of Approval (if any): _____

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 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

¹ API Number 30 - 015 - 10222		² Pool Code	³ Pool Name Wildcat; Wolfcamp Gas
⁴ Property Code	⁵ Property Name Jezebel State		⁶ Well Number 1H
⁷ OGRID No. 233545	⁸ Operator Name BOLD ENERGY, LP		⁹ Elevation 4122'

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
A	36	18S	21E		660	North	810	East	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
P	36	18S	21E		660	South	810	East	Eddy

¹² Dedicated Acres 320	¹³ Joint or Infill N	¹⁴ Consolidation Code P	¹⁵ Order No.
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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.

16 RECEIVED MAY 18 2006 ADP-ARTESIA	VA-2722 160 acres	SHL 660' 810'	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. <i>[Signature]</i> 5/17/06 Signature Date D. C. Dodd, Agent for BOLD ENERGY, LP Printed Name ddodd@sierra-engineering.net
	VA-2727 160 acres		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. Original: 6/5/63 Date of Survey Signature and Seal of Professional Surveyor: 676 - John W. West Certificate Number
	BHL 660' 810'		



Directional Services

Job Number: 061117505604
Company: Bold Energy
Lease/Well: Jezebel State, Well #1H
Location: Eddy County, New Mexico
Rig Name: Key #96
RKB: 12'
G.L. or M.S.L.: GL

State/Country: New Mexico/USA
Declination: 8.78°
Grid: East To Grid
File name: F:\2006SU-1\BOLDEN-1\JEZEBEL1H.SVY
Date/Time: 07-May-06 / 11:10
Curve Name: Surface - 4,360' M.D.

RECEIVED
MAY 18 2006
WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 177.83
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

We hereby certify that our survey data from
Surface MD to 4360 MD is, to the best of
our knowledge a true and accurate account of the
well bore.
Dana Steele
Multi-Shot
Date

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
200.00	1.50	152.98	199.98	-2.33	1.19	2.38	2.62	152.98	.75
400.00	1.25	145.06	399.92	-6.45	3.63	6.59	7.40	150.65	.16
600.00	1.50	177.11	599.86	-10.86	5.01	11.04	11.96	155.23	.40
800.00	2.00	164.14	799.77	-16.83	6.10	17.05	17.90	160.09	.32
1000.00	3.50	60.24	999.62	-17.15	12.35	17.61	21.14	144.24	2.21
1200.00	3.75	68.29	1199.22	-11.70	23.73	12.59	26.46	116.26	.28
1400.00	3.50	93.29	1398.84	-9.63	35.90	10.99	37.17	105.02	.79
1600.00	2.50	102.31	1598.56	-10.92	46.26	12.66	47.53	103.28	.55
1800.00	2.25	119.34	1798.39	-13.77	53.94	15.80	55.67	104.32	.37
2000.00	1.75	129.39	1998.27	-17.63	59.72	19.88	62.27	106.45	.30
2200.00	1.50	120.68	2198.19	-20.90	64.33	23.33	67.65	108.00	.18

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
2400.00	1.25	147.76	2398.13	-24.09	67.75	26.63	71.90	109.57	.34
2600.00	1.25	143.84	2598.09	-27.69	70.20	30.33	75.46	111.53	.04
2800.00	1.25	169.92	2798.04	-31.60	71.87	34.30	78.51	113.73	.28
3000.00	.50	192.01	2998.02	-34.60	72.07	37.31	79.95	115.65	.40
3200.00	.50	131.09	3198.01	-36.03	72.55	38.75	81.00	116.41	.25
3400.00	.75	127.18	3398.00	-37.39	74.25	40.18	83.13	116.73	.13
3600.00	1.00	132.26	3597.97	-39.36	76.58	42.23	86.10	117.20	.13
3800.00	1.50	101.31	3797.93	-41.05	80.44	44.06	90.31	117.03	.41
4000.00	2.00	88.36	3997.84	-41.46	86.50	44.70	95.92	115.61	.32
4200.00	2.00	89.53	4197.71	-41.33	93.47	44.84	102.20	113.85	.02
Last Survey Depth Recorded									
4360.00	1.75	92.69	4357.63	-41.42	98.71	45.13	107.05	112.77	.17

Pathfinder Energy

Planning Report - Geographic

Company: Bold Energy Field: Jezebel State Site: Jezebel State #1 Well: Jezebel State #1 Wellpath: Jezebel State #1	Date: 5/8/2006 Co-ordinate(NE) Reference: Site: Jezebel State #1, Grid North Vertical (TVD) Reference: System: Mean Sea Level Section (VS) Reference: Well (0.00N,0.00E,177.83Azi) Plan: Plan #4 5-8-06	Time: 08:52:47 Page: 1
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Field: Jezebel State Eddy Co. NM USA Map System: US State Plane Coordinate System 1927 Geo Datum: NAD27 (Clarke 1866) Sys Datum: Mean Sea Level	Map Zone: New Mexico, Eastern Zone Coordinate System: Site Centre Geomagnetic Model: igrf2005
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Site: Jezebel State #1 Section 36 - T18S - R21 E Eddy Co. NM			
Site Position: From: Geographic Position Uncertainty: 0.00 ft Ground Level: 4122.00 ft	Northing: 622060.79 ft Easting: 374519.79 ft	Latitude: 32 42 34.124 N Longitude: 104 44 28.630 W North Reference: Grid Grid Convergence: -0.22 deg	

Well: Jezebel State #1 Well Position: +N/-S 0.00 ft +E/-W 0.00 ft Position Uncertainty: 0.00 ft	Slot Name: Latitude: 32 42 34.124 N Longitude: 104 44 28.630 W
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Wellpath: Jezebel State #1 Current Datum: Mean Sea Level Magnetic Data: 1/16/2006 Field Strength: 49352 nT Vertical Section: Depth From (TVD) ft	Height 0.00 ft +N/-S ft +E/-W ft	Drilled From: Surface Tie-on Depth: 0.00 ft Above System Datum: Mean Sea Level Declination: 8.78 deg Mag Dip Angle: 60.56 deg Direction deg
0.00	0.00	0.00 177.83

Plan: Plan #4 5-8-06 Post Gyro Plan Principal: Yes	Date Composed: 5/8/2006 Version: 1 Tied-to: From: Gyro Survey
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Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
3881.11	1.69	95.14	3879.01	-41.36	82.67	0.00	0.00	0.00	0.00	
4628.86	89.84	181.41	4355.35	-517.69	84.95	12.00	11.79	11.54	86.27	
8072.23	89.84	181.42	4365.00	-3960.00	0.00	0.00	0.00	0.00	99.58	PBHL Jezebel ST. #1

Section 1 : Start DLS 12.00 TFO 86.27

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
3881.11	1.69	95.14	3879.01	-41.36	82.67	44.46	0.00	0.00	0.00	0.00
3882.00	1.70	98.73	3879.90	-41.36	82.70	44.47	12.00	1.16	403.38	86.27
3900.00	2.92	146.05	3897.88	-41.78	83.22	44.91	12.00	6.74	262.85	82.68
3950.00	8.54	170.10	3947.62	-46.50	84.57	49.67	12.00	11.26	48.11	35.40
4000.00	14.47	174.86	3996.59	-56.39	85.77	59.60	12.00	11.86	9.52	11.44
4050.00	20.44	176.88	4044.27	-71.35	86.81	74.59	12.00	11.94	4.04	6.77
4100.00	26.43	178.01	4090.12	-91.21	87.67	94.46	12.00	11.97	2.27	4.84
4150.00	32.42	178.75	4133.65	-115.75	88.34	119.01	12.00	11.98	1.48	3.80
4200.00	38.41	179.28	4174.39	-144.70	88.83	147.96	12.00	11.98	1.06	3.15
4250.00	44.40	179.69	4211.87	-177.75	89.12	181.00	12.00	11.99	0.81	2.72
4300.00	50.40	180.02	4245.70	-214.54	89.21	217.77	12.00	11.99	0.65	2.41
4350.00	56.39	180.29	4275.50	-254.66	89.10	257.85	12.00	11.99	0.55	2.19
4400.00	62.39	180.53	4300.95	-297.68	88.78	300.82	12.00	11.99	0.48	2.03
4450.00	68.39	180.75	4321.76	-343.11	88.28	346.21	12.00	11.99	0.43	1.91
4500.00	74.38	180.94	4337.72	-390.47	87.58	393.50	12.00	11.99	0.39	1.82
4550.00	80.38	181.13	4348.63	-439.23	86.69	442.20	12.00	11.99	0.37	1.75
4600.00	86.38	181.31	4354.39	-488.86	85.64	491.75	12.00	11.99	0.36	1.71
4628.00	89.74	181.41	4355.34	-516.83	84.98	519.68	12.00	11.99	0.35	1.69
4628.86	89.84	181.41	4355.35	-517.69	84.95	520.54	12.00	11.99	0.35	1.69

Pathfinder Energy

Planning Report - Geographic

Company: Bold Energy
Field: Jezebel State
Site: Jezebel State #1
Well: Jezebel State #1
Wellpath: Jezebel State #1

Date: 5/8/2006
Co-ordinate(NE) Reference: Site: Jezebel State #1, Grid North
Vertical (TVD) Reference: System: Mean Sea Level
Section (VS) Reference: Well (0.00N,0.00E,177.83Azi)
Plan: Plan #4 5-8-06

Page: 2

Section 2 : Start DLS 0.00 TFO 99.58

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
4650.00	89.84	181.41	4355.41	-538.83	84.43	541.64	0.00	0.00	0.00	0.00
4700.00	89.84	181.41	4355.54	-588.81	83.20	591.54	0.00	0.00	0.00	99.58
4750.00	89.84	181.41	4355.68	-638.80	81.97	641.44	0.00	0.00	0.00	0.00
4800.00	89.84	181.41	4355.82	-688.78	80.74	691.34	0.00	0.00	0.00	99.58
4850.00	89.84	181.41	4355.96	-738.77	79.51	741.25	0.00	0.00	0.00	0.00
4900.00	89.84	181.41	4356.10	-788.75	78.28	791.15	0.00	0.00	0.00	99.58
4950.00	89.84	181.41	4356.24	-838.73	77.05	841.05	0.00	0.00	0.00	0.00
5000.00	89.84	181.41	4356.38	-888.72	75.82	890.95	0.00	0.00	0.00	99.58
5050.00	89.84	181.41	4356.52	-938.70	74.59	940.86	0.00	0.00	0.00	0.00
5100.00	89.84	181.41	4356.66	-988.69	73.36	990.76	0.00	0.00	0.00	99.58
5150.00	89.84	181.41	4356.80	-1038.67	72.13	1040.66	0.00	0.00	0.00	0.00
5200.00	89.84	181.41	4356.94	-1088.66	70.89	1090.56	0.00	0.00	0.00	99.58
5250.00	89.84	181.41	4357.08	-1138.64	69.66	1140.46	0.00	0.00	0.00	0.00
5300.00	89.84	181.41	4357.22	-1188.63	68.43	1190.37	0.00	0.00	0.00	99.58
5350.00	89.84	181.41	4357.36	-1238.61	67.20	1240.27	0.00	0.00	0.00	0.00
5400.00	89.84	181.41	4357.50	-1288.60	65.97	1290.17	0.00	0.00	0.00	99.58
5450.00	89.84	181.41	4357.64	-1338.58	64.74	1340.07	0.00	0.00	0.00	0.00
5500.00	89.84	181.41	4357.78	-1388.57	63.50	1389.97	0.00	0.00	0.00	99.58
5550.00	89.84	181.41	4357.92	-1438.55	62.27	1439.88	0.00	0.00	0.00	180.00
5600.00	89.84	181.41	4358.06	-1488.53	61.04	1489.78	0.00	0.00	0.00	99.58
5650.00	89.84	181.41	4358.20	-1538.52	59.81	1539.68	0.00	0.00	0.00	0.00
5700.00	89.84	181.41	4358.34	-1588.50	58.58	1589.58	0.00	0.00	0.00	99.58
5750.00	89.84	181.41	4358.48	-1638.49	57.34	1639.49	0.00	0.00	0.00	0.00
5800.00	89.84	181.41	4358.62	-1688.47	56.11	1689.39	0.00	0.00	0.00	99.58
5850.00	89.84	181.41	4358.76	-1738.46	54.88	1739.29	0.00	0.00	0.00	0.00
5900.00	89.84	181.41	4358.90	-1788.44	53.65	1789.19	0.00	0.00	0.00	99.58
5950.00	89.84	181.41	4359.04	-1838.43	52.41	1839.09	0.00	0.00	0.00	0.00
6000.00	89.84	181.41	4359.18	-1888.41	51.18	1889.00	0.00	0.00	0.00	99.58
6050.00	89.84	181.41	4359.32	-1938.40	49.95	1938.90	0.00	0.00	0.00	0.00
6100.00	89.84	181.41	4359.46	-1988.38	48.71	1988.80	0.00	0.00	0.00	99.58
6150.00	89.84	181.41	4359.60	-2038.37	47.48	2038.70	0.00	0.00	0.00	0.00
6200.00	89.84	181.41	4359.74	-2088.35	46.25	2088.60	0.00	0.00	0.00	99.58
6250.00	89.84	181.41	4359.88	-2138.33	45.01	2138.51	0.00	0.00	0.00	0.00
6300.00	89.84	181.41	4360.02	-2188.32	43.78	2188.41	0.00	0.00	0.00	99.58
6350.00	89.84	181.41	4360.16	-2238.30	42.55	2238.31	0.00	0.00	0.00	0.00
6400.00	89.84	181.41	4360.30	-2288.29	41.31	2288.21	0.00	0.00	0.00	99.58
6450.00	89.84	181.41	4360.44	-2338.27	40.08	2338.11	0.00	0.00	0.00	180.00
6500.00	89.84	181.41	4360.58	-2388.26	38.85	2388.02	0.00	0.00	0.00	99.58
6550.00	89.84	181.41	4360.72	-2438.24	37.61	2437.92	0.00	0.00	0.00	0.00
6600.00	89.84	181.41	4360.86	-2488.23	36.38	2487.82	0.00	0.00	0.00	99.58
6650.00	89.84	181.41	4361.00	-2538.21	35.14	2537.72	0.00	0.00	0.00	0.00
6700.00	89.84	181.41	4361.14	-2588.20	33.91	2587.62	0.00	0.00	0.00	99.58
6750.00	89.84	181.41	4361.28	-2638.18	32.68	2637.53	0.00	0.00	0.00	0.00
6800.00	89.84	181.41	4361.42	-2688.17	31.44	2687.43	0.00	0.00	0.00	99.58
6850.00	89.84	181.41	4361.56	-2738.15	30.21	2737.33	0.00	0.00	0.00	0.00
6900.00	89.84	181.41	4361.71	-2788.13	28.97	2787.23	0.00	0.00	0.00	99.58
6950.00	89.84	181.41	4361.85	-2838.12	27.74	2837.13	0.00	0.00	0.00	0.00
7000.00	89.84	181.42	4361.99	-2888.10	26.50	2887.04	0.00	0.00	0.00	99.58
7050.00	89.84	181.42	4362.13	-2938.09	25.27	2936.94	0.00	0.00	0.00	180.00
7100.00	89.84	181.42	4362.27	-2988.07	24.03	2986.84	0.00	0.00	0.00	99.58
7150.00	89.84	181.42	4362.41	-3038.06	22.80	3036.74	0.00	0.00	0.00	0.00
7200.00	89.84	181.42	4362.55	-3088.04	21.56	3086.64	0.00	0.00	0.00	99.58
7250.00	89.84	181.42	4362.69	-3138.03	20.33	3136.55	0.00	0.00	0.00	0.00
7300.00	89.84	181.42	4362.83	-3188.01	19.09	3186.45	0.00	0.00	0.00	99.58
7350.00	89.84	181.42	4362.97	-3238.00	17.86	3236.35	0.00	0.00	0.00	0.00
7400.00	89.84	181.42	4363.11	-3287.98	16.62	3286.25	0.00	0.00	0.00	99.58
7450.00	89.84	181.42	4363.25	-3337.96	15.38	3336.15	0.00	0.00	0.00	0.00
7500.00	89.84	181.42	4363.39	-3387.95	14.15	3386.05	0.00	0.00	0.00	99.58
7550.00	89.84	181.42	4363.53	-3437.93	12.91	3435.96	0.00	0.00	0.00	0.00
7600.00	89.84	181.42	4363.67	-3487.92	11.68	3485.86	0.00	0.00	0.00	99.58
7650.00	89.84	181.42	4363.81	-3537.90	10.44	3535.76	0.00	0.00	0.00	0.00
7700.00	89.84	181.42	4363.95	-3587.89	9.21	3585.66	0.00	0.00	0.00	99.58
7750.00	89.84	181.42	4364.09	-3637.87	7.97	3635.56	0.00	0.00	0.00	0.00
7800.00	89.84	181.42	4364.23	-3687.86	6.73	3685.47	0.00	0.00	0.00	99.58

Pathfinder Energy

Planning Report - Geographic

Company: Bold Energy
 Field: Jezebel State
 Site: Jezebel State #1
 Well: Jezebel State #1
 Wellpath: Jezebel State #1

Date: 5/8/2006 Time: 08:52:47 Page: 3
 Co-ordinate(N/E) Reference: Site: Jezebel State #1, Grid North
 Vertical (TVD) Reference: System: Mean Sea Level
 Section (VS) Reference: Well (0.00N,0.00E,177.83Azi)
 Plan: Plan #4 5-8-06

Section 2 : Start DLS 0.00 TFO 99.58

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
7850.00	89.84	181.42	4364.37	-3737.84	5.50	3735.37	0.00	0.00	0.00	0.00
7900.00	89.84	181.42	4364.52	-3787.82	4.26	3785.27	0.00	0.00	0.00	99.58
7950.00	89.84	181.42	4364.66	-3837.81	3.02	3835.17	0.00	0.00	0.00	0.00
8000.00	89.84	181.42	4364.80	-3887.79	1.79	3885.07	0.00	0.00	0.00	99.58
8050.00	89.84	181.42	4364.94	-3937.78	0.55	3934.98	0.00	0.00	0.00	0.00
8072.23	89.84	181.42	4365.00	-3960.00	0.00	3957.16	0.00	0.00	0.00	99.58

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		
3881.11	1.69	95.14	3879.01	-41.36	82.67	622019.42	374602.47	32	42	33.718 N	104	44	27.661 W
3882.00	1.70	98.73	3879.90	-41.36	82.70	622019.42	374602.49	32	42	33.718 N	104	44	27.660 W
3900.00	2.92	146.05	3897.88	-41.78	83.22	622019.00	374603.01	32	42	33.714 N	104	44	27.654 W
3950.00	8.54	170.10	3947.62	-46.50	84.57	622014.28	374604.36	32	42	33.667 N	104	44	27.638 W
4000.00	14.47	174.86	3996.59	-56.39	85.77	622004.39	374605.56	32	42	33.569 N	104	44	27.624 W
4050.00	20.44	176.88	4044.27	-71.35	86.81	621989.44	374606.60	32	42	33.421 N	104	44	27.611 W
4100.00	26.43	178.01	4090.12	-91.21	87.67	621969.58	374607.46	32	42	33.225 N	104	44	27.600 W
4150.00	32.42	178.75	4133.65	-115.75	88.34	621945.04	374608.14	32	42	32.982 N	104	44	27.591 W
4200.00	38.41	179.28	4174.39	-144.70	88.83	621916.08	374608.62	32	42	32.695 N	104	44	27.584 W
4250.00	44.40	179.69	4211.87	-177.75	89.12	621883.03	374608.91	32	42	32.368 N	104	44	27.579 W
4300.00	50.40	180.02	4245.70	-214.54	89.21	621846.24	374609.00	32	42	32.004 N	104	44	27.576 W
4350.00	56.39	180.29	4275.50	-254.66	89.10	621806.12	374608.89	32	42	31.607 N	104	44	27.576 W
4400.00	62.39	180.53	4300.95	-297.68	88.78	621763.11	374608.58	32	42	31.182 N	104	44	27.577 W
4450.00	68.39	180.75	4321.76	-343.11	88.28	621717.68	374608.07	32	42	30.732 N	104	44	27.581 W
4500.00	74.38	180.94	4337.72	-390.47	87.58	621670.32	374607.37	32	42	30.263 N	104	44	27.587 W
4550.00	80.38	181.13	4348.63	-439.23	86.69	621621.56	374606.49	32	42	29.781 N	104	44	27.596 W
4600.00	86.38	181.31	4354.39	-488.86	85.64	621571.92	374605.43	32	42	29.290 N	104	44	27.606 W
4628.00	89.74	181.41	4355.34	-516.83	84.98	621543.95	374604.77	32	42	29.013 N	104	44	27.612 W
4628.86	89.84	181.41	4355.35	-517.69	84.95	621543.09	374604.75	32	42	29.004 N	104	44	27.612 W
4650.00	89.84	181.41	4355.41	-538.83	84.43	621521.96	374604.23	32	42	28.795 N	104	44	27.618 W
4700.00	89.84	181.41	4355.54	-588.81	83.20	621471.97	374603.00	32	42	28.300 N	104	44	27.630 W
4750.00	89.84	181.41	4355.68	-638.80	81.97	621421.99	374601.77	32	42	27.806 N	104	44	27.642 W
4800.00	89.84	181.41	4355.82	-688.78	80.74	621372.01	374600.54	32	42	27.311 N	104	44	27.654 W
4850.00	89.84	181.41	4355.96	-738.77	79.51	621322.02	374599.31	32	42	26.817 N	104	44	27.666 W
4900.00	89.84	181.41	4356.10	-788.75	78.28	621272.04	374598.07	32	42	26.322 N	104	44	27.678 W
4950.00	89.84	181.41	4356.24	-838.73	77.05	621222.05	374596.84	32	42	25.827 N	104	44	27.690 W
5000.00	89.84	181.41	4356.38	-888.72	75.82	621172.07	374595.61	32	42	25.333 N	104	44	27.703 W
5050.00	89.84	181.41	4356.52	-938.70	74.59	621122.08	374594.38	32	42	24.838 N	104	44	27.715 W
5100.00	89.84	181.41	4356.66	-988.69	73.36	621072.10	374593.15	32	42	24.343 N	104	44	27.727 W
5150.00	89.84	181.41	4356.80	-1038.67	72.13	621022.11	374591.92	32	42	23.849 N	104	44	27.739 W
5200.00	89.84	181.41	4356.94	-1088.66	70.89	620972.13	374590.69	32	42	23.354 N	104	44	27.751 W
5250.00	89.84	181.41	4357.08	-1138.64	69.66	620922.14	374589.46	32	42	22.859 N	104	44	27.763 W
5300.00	89.84	181.41	4357.22	-1188.63	68.43	620872.16	374588.22	32	42	22.365 N	104	44	27.776 W
5350.00	89.84	181.41	4357.36	-1238.61	67.20	620822.17	374586.99	32	42	21.870 N	104	44	27.788 W
5400.00	89.84	181.41	4357.50	-1288.60	65.97	620772.19	374585.76	32	42	21.375 N	104	44	27.800 W
5450.00	89.84	181.41	4357.64	-1338.58	64.74	620722.20	374584.53	32	42	20.881 N	104	44	27.812 W
5500.00	89.84	181.41	4357.78	-1388.57	63.50	620672.22	374583.30	32	42	20.386 N	104	44	27.824 W
5550.00	89.84	181.41	4357.92	-1438.55	62.27	620622.24	374582.07	32	42	19.891 N	104	44	27.836 W
5600.00	89.84	181.41	4358.06	-1488.53	61.04	620572.25	374580.83	32	42	19.397 N	104	44	27.849 W
5650.00	89.84	181.41	4358.20	-1538.52	59.81	620522.27	374579.60	32	42	18.902 N	104	44	27.861 W
5700.00	89.84	181.41	4358.34	-1588.50	58.58	620472.28	374578.37	32	42	18.407 N	104	44	27.873 W
5750.00	89.84	181.41	4358.48	-1638.49	57.34	620422.30	374577.14	32	42	17.913 N	104	44	27.885 W
5800.00	89.84	181.41	4358.62	-1688.47	56.11	620372.31	374575.90	32	42	17.418 N	104	44	27.897 W
5850.00	89.84	181.41	4358.76	-1738.46	54.88	620322.33	374574.67	32	42	16.923 N	104	44	27.909 W

Pathfinder Energy

Planning Report - Geographic

Company: Bold Energy
Field: Jezebel State
Site: Jezebel State #1
Well: Jezebel State #1
Wellpath: Jezebel State #1

Date: 5/8/2006 **Time:** 08:52:47 **Page:** 4
Co-ordinate(NE) Reference: Site: Jezebel State #1, Grid North
Vertical (TVD) Reference: System: Mean Sea Level
Section (VS) Reference: Well (0.00N,0.00E,177.83Azi)
Plan: Plan #4 5-8-06

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		
5900.00	89.84	181.41	4358.90	-1788.44	53.65	620272.34	374573.44	32	42	16.429 N	104	44	27.922 W
5950.00	89.84	181.41	4359.04	-1838.43	52.41	620222.36	374572.21	32	42	15.934 N	104	44	27.934 W
6000.00	89.84	181.41	4359.18	-1888.41	51.18	620172.37	374570.97	32	42	15.439 N	104	44	27.946 W
6050.00	89.84	181.41	4359.32	-1938.40	49.95	620122.39	374569.74	32	42	14.945 N	104	44	27.958 W
6100.00	89.84	181.41	4359.46	-1988.38	48.71	620072.40	374568.51	32	42	14.450 N	104	44	27.970 W
6150.00	89.84	181.41	4359.60	-2038.37	47.48	620022.42	374567.27	32	42	13.955 N	104	44	27.983 W
6200.00	89.84	181.41	4359.74	-2088.35	46.25	619972.44	374566.04	32	42	13.461 N	104	44	27.995 W
6250.00	89.84	181.41	4359.88	-2138.33	45.01	619922.45	374564.81	32	42	12.966 N	104	44	28.007 W
6300.00	89.84	181.41	4360.02	-2188.32	43.78	619872.47	374563.57	32	42	12.471 N	104	44	28.019 W
6350.00	89.84	181.41	4360.16	-2238.30	42.55	619822.48	374562.34	32	42	11.977 N	104	44	28.031 W
6400.00	89.84	181.41	4360.30	-2288.29	41.31	619772.50	374561.11	32	42	11.482 N	104	44	28.043 W
6450.00	89.84	181.41	4360.44	-2338.27	40.08	619722.51	374559.87	32	42	10.987 N	104	44	28.056 W
6500.00	89.84	181.41	4360.58	-2388.26	38.85	619672.53	374558.64	32	42	10.493 N	104	44	28.068 W
6550.00	89.84	181.41	4360.72	-2438.24	37.61	619622.54	374557.41	32	42	9.998 N	104	44	28.080 W
6600.00	89.84	181.41	4360.86	-2488.23	36.38	619572.56	374556.17	32	42	9.503 N	104	44	28.092 W
6650.00	89.84	181.41	4361.00	-2538.21	35.14	619522.57	374554.94	32	42	9.009 N	104	44	28.104 W
6700.00	89.84	181.41	4361.14	-2588.20	33.91	619472.59	374553.70	32	42	8.514 N	104	44	28.117 W
6750.00	89.84	181.41	4361.28	-2638.18	32.68	619422.61	374552.47	32	42	8.019 N	104	44	28.129 W
6800.00	89.84	181.41	4361.42	-2688.17	31.44	619372.62	374551.23	32	42	7.525 N	104	44	28.141 W
6850.00	89.84	181.41	4361.56	-2738.15	30.21	619322.64	374550.00	32	42	7.030 N	104	44	28.153 W
6900.00	89.84	181.41	4361.71	-2788.13	28.97	619272.65	374548.76	32	42	6.535 N	104	44	28.165 W
6950.00	89.84	181.41	4361.85	-2838.12	27.74	619222.67	374547.53	32	42	6.041 N	104	44	28.178 W
7000.00	89.84	181.42	4361.99	-2888.10	26.50	619172.68	374546.30	32	42	5.546 N	104	44	28.190 W
7050.00	89.84	181.42	4362.13	-2938.09	25.27	619122.70	374545.06	32	42	5.051 N	104	44	28.202 W
7100.00	89.84	181.42	4362.27	-2988.07	24.03	619072.71	374543.83	32	42	4.557 N	104	44	28.214 W
7150.00	89.84	181.42	4362.41	-3038.06	22.80	619022.73	374542.59	32	42	4.062 N	104	44	28.226 W
7200.00	89.84	181.42	4362.55	-3088.04	21.56	618972.74	374541.36	32	42	3.567 N	104	44	28.239 W
7250.00	89.84	181.42	4362.69	-3138.03	20.33	618922.76	374540.12	32	42	3.073 N	104	44	28.251 W
7300.00	89.84	181.42	4362.83	-3188.01	19.09	618872.78	374538.88	32	42	2.578 N	104	44	28.263 W
7350.00	89.84	181.42	4362.97	-3238.00	17.86	618822.79	374537.65	32	42	2.083 N	104	44	28.275 W
7400.00	89.84	181.42	4363.11	-3287.98	16.62	618772.81	374536.41	32	42	1.589 N	104	44	28.287 W
7450.00	89.84	181.42	4363.25	-3337.96	15.38	618722.82	374535.18	32	42	1.094 N	104	44	28.300 W
7500.00	89.84	181.42	4363.39	-3387.95	14.15	618672.84	374533.94	32	42	0.599 N	104	44	28.312 W
7550.00	89.84	181.42	4363.53	-3437.93	12.91	618622.85	374532.71	32	42	0.105 N	104	44	28.324 W
7600.00	89.84	181.42	4363.67	-3487.92	11.68	618572.87	374531.47	32	41	59.610 N	104	44	28.336 W
7650.00	89.84	181.42	4363.81	-3537.90	10.44	618522.88	374530.23	32	41	59.115 N	104	44	28.349 W
7700.00	89.84	181.42	4363.95	-3587.89	9.21	618472.90	374529.00	32	41	58.621 N	104	44	28.361 W
7750.00	89.84	181.42	4364.09	-3637.87	7.97	618422.91	374527.76	32	41	58.126 N	104	44	28.373 W
7800.00	89.84	181.42	4364.23	-3687.86	6.73	618372.93	374526.53	32	41	57.631 N	104	44	28.385 W
7850.00	89.84	181.42	4364.37	-3737.84	5.50	618322.95	374525.29	32	41	57.137 N	104	44	28.397 W
7900.00	89.84	181.42	4364.52	-3787.82	4.26	618272.96	374524.05	32	41	56.642 N	104	44	28.410 W
7950.00	89.84	181.42	4364.66	-3837.81	3.02	618222.98	374522.82	32	41	56.147 N	104	44	28.422 W
8000.00	89.84	181.42	4364.80	-3887.79	1.79	618172.99	374521.58	32	41	55.653 N	104	44	28.434 W
8050.00	89.84	181.42	4364.94	-3937.78	0.55	618123.01	374520.34	32	41	55.158 N	104	44	28.446 W
8072.23	89.84	181.42	4365.00	-3960.00	0.00	618100.79	374519.79	32	41	54.938 N	104	44	28.452 W

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec			Longitude Deg Min Sec		
PBHL Jezebel ST. #1			4365.00	-3960.00	0.00	618100.79	374519.79	32	41	54.938 N	104	44	28.452 W

Pathfinder Energy

Planning Report - Geographic

Company: Bold Energy
Field: Jezebel State
Site: Jezebel State #1
Well: Jezebel State #1
Wellpath: Jezebel State #1

Date: 5/8/2006 Time: 08:52:47 Page: 5
Co-ordinate(NE) Reference: Site: Jezebel State #1, Grid North
Vertical (TVD) Reference: System: Mean Sea Level
Section (VS) Reference: Well (0.00N,0.00E,177.83Azi)
Plan: Plan #4 5-8-06

Annotation

MD ft	TVD ft	
3882.00	3879.90	KOP @ 3882' MD 3879' TVD
4628.00	4355.34	End of Build @ 89.84° 4628' MD 4355' TVD

PATHFINDER

WELLPATH DETAILS

Ref. Datum:	Rig: V Section Angle	Origin +N/-S	Mean Sea Level Origin +E/-W	0.00ft Starting From TV
	177.83°	0.00	0.00	0.00

COMPANY DETAILS
Bold Energy

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

Jezebel State #1
Section 36 - T18S - R21 E
Eddy Co. NM

Site Centre Latitude: 32°42'34.124"N
 Longitude: 104°44'28.630"W
 Ground Level: 4122.00
 Positional Uncertainty: 0.00
 Convergence: -0.22

Sec	MD	Inc	Azi	TVD	+N/S	+E/
1	3881.11	1.69	95.14	3879.01	-41.36	82.2
2	4628.86	89.84	181.41	4355.35	-517.69	84.4
3	8072.23	89.84	181.42	4365.00	-3960.00	0

Azimuths to Grid North
True North: 0.22°
Magnetic North: 9.00°

Magnetic Field
Strength: 49352nT
Dip Angle: 60.56°
Date: 1/16/2006
Model: jerrf2005

