

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

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.

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.)		7. Lease Name or Unit Agreement Name Jezebel State
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		8. Well Number 1H
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 Undes. Runyan Ranch; Morrow
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:

- 3' - 10'
- 337' - 553'
- 1627' - 2481' (note: tested casing to 500 psi prior to drilling this plug, tested OK)
- 3305' - 3575'
- 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 *D. C. Dodd* 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): _____



Directional Services

Job Number: 06117505604

Company: Bold Energy

Lease/Well: Jeezebel 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-1BOLDEN-1JEEZEBEL1H.SVY

Date/Time: 07-May-06 / 11:10

Curve Name: Surface - 4.360' M.D.

RECEIVED

MAY 18 2006

OGG-ART 151A

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.
David Seale May 18, 2006
Multi-Shot Date

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth FT	N-S FT	E-W FT	Vertical Section FT	Distance FT	CLOSURE 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						
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								
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 Slot Name:										
Well Position: +N/-S 0.00 ft +E/-W 0.00 ft Position Uncertainty: 0.00 ft		Northing: 622060.79 ft Easting: 374519.79 ft Latitude: 32 42 34.124 N Longitude: 104 44 28.630 W								
Wellpath: Jezebel State #1										
Current Datum: Mean Sea Level Magnetic Data: 1/16/2006 Field Strength: 49352 nT Vertical Section: Depth From (TVD) 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 +E/-W: 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								
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 Time: 08:52:47 Page: 2
 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

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	0.01	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 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
---	--

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
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: 5

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

Bold Energy

Jezebel State #1
Section 36 - T18S- R21E
Eddy County, New Mexico
Plan #4 5-8-06

PATHFINDER

WELLPATH DETAILS

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

ANNOTATIONS

No.	TVD	MD	Annotation
1	3879.90	3882.00	KOP @ 3882 MD 3879' TVD
2	4355.34	4628.00	End of Build @ 89.84° 4628' MD 4355' TVD

BHL IS BASED ON A SECTION OF 5280'

COMPANY DETAILS

Bold Energy
Calculation Method: Minimum Curvature
Error System: Systematic Ellipse
Rate Method: Chord Approach 3D
Rate Method: Chord Approach
Warning Method: Error Ratio

SITE DETAILS

Jezebel State #1
Section 36 - T18S - R21 E
Eddy Co. NM
Site Centre Latitude: 32°42'34.12"N
Longitude: 104°44'28.61"W
Ground Level: 4122.00
Positional Uncertainty: 0.00
Convergence: -0.22

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	V/Sec	Target
1	3881.11	1.69	95.14	3879.01	-41.36	82.67	0.00	0.00	44.46	
2	4628.84	89.84	181.14	4355.35	-41.60	84.95	12.00	86.27	520.54	
3	8077.23	89.84	181.42	4355.00	-3960.00	0.00	0.00	99.38	3957.16	PBHL Jezebel ST. #1

Azimuth to Grid North
True North: 0.22°
Magnetic North: 9.00°
Magnetic Field
Strength: 49355nT
Dip Angle: 60.50°
Date: 1/16/2006
Model: IGR2005

