

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, 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-101
May 27, 2004

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

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address BOLD ENERGY, LP 415 W. Wall, Suite 500 Midland, Texas 79701		² OGRID Number 233545
		³ API Number RECEIVED 30 - 015 - 34793
³ Property Code 35601	⁵ Property Name Bathsheba State	⁶ Well No. 1H
⁹ Proposed Pool 1 Wildcat; Wolfcamp Gas		¹⁰ Proposed Pool 2

⁷ Surface Location									
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	660	East	Eddy

⁸ Proposed 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
A	36	18S	21E		660	North	660	East	Eddy

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4091'
¹⁶ Multiple No	¹⁷ Proposed Depth 4800' TVD 8267' MD	¹⁸ Formation Wolfcamp	¹⁹ Contractor N/A	²⁰ Spud Date Rig Availability
Depth to Groundwater > 100'		Distance from nearest fresh water well > 1000'		Distance from nearest surface water > 1000'
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: 10,000 bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13.375"	48.0#	300'	495	Circulated
12 1/4"	9.625"	36.0#	100' / 300'	800	Circulated
8 3/4"	5.500"	17.0#	8267' MD	750	Plug back 1500'

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new-productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Drill 17 1/2" hole to 300' using FW spud mud, set 13 3/8" casing and cmt to surface w/ 270 sx 35:65 POZ-Class "C" w/ additives followed by 225 sx Class "C" w/ 2% CaCl. If necessary, use 1" tbg for top job to bring cmt to surface. Install BOP and test BOP & csg. Drill 12 1/4" hole to 1700' w/ FW and sweeps, set 9 5/8" casing and cmt w/ 450 sx 35:65 POZ-Class "C" w/ additives followed by 350 sx Class "C" w/ 2% CaCl. If necessary, use 1" tbg for top job to bring cmt to surface. Install & test BOP & csg. Drill 8 3/4" hole to 4800' TVD w/ cut brine, adjusting MW - VIS - WL as needed to maintain hole stability and well control. Log and determine optimum depth for lateral into Wolfcamp zone. Plug back wellbore to desired KOP, build curve to 90° (at approx 4500' TVD and an azimuth of 0°) and drill +/- 4000' lateral into Wolfcamp producing interval. Set 5 1/2" production casing at TD (approx 8267' MD) and cmt with 400 sx 35:65 POZ:Class "C" w/ additives followed by 350 sx Class "C" cmt with additives (acid soluble); expected TOC @ 1500'. Completion procedure will be based upon drilling results and log evaluation.

BOP: a 3000 psi double ram preventer w/ annular will be utilized; if needed, a rotating head will be added to this stack.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	OIL CONSERVATION DIVISION	
Printed name: D. C. Dodd	Approved by: <i>Don W. [Signature]</i> District II Supervisor	
Title: Agent for BOLD ENERGY, LP	Approval Date: APR 19 2006	Expiration Date: APR 19 2007
E-mail Address: ddodd@sierra-engineering.net		
Date: 2/7/06	Phone: 432 / 686-1100	Conditions of Approval Attached <input type="checkbox"/>

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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	² Pool Code	³ Pool Name Wildcat; Wolfcamp Gas
⁴ Property Code	⁵ Property Name Bathsheba State	⁶ Well Number 1H
⁷ OGRID No. 233545	⁸ Operator Name BOLD ENERGY, LP	⁹ Elevation 4091'

¹⁰ Surface Location

UL or lot no. P	Section 36	Township 18S	Range 21E	Lot Idn	Feet from the 660	North/South line South	Feet from the 660	East/West line East	County Eddy
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. A	Section 36	Township 18S	Range 21E	Lot Idn	Feet from the 660	North/South line North	Feet from the 660	East/West line East	County Eddy
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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		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. Signature 2/7/06 Date Peggy Kerr, Vice President - Land Printed Name peggy.kerr@boldenergy.com
		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

DISTRICT I
1626 N. FRENCH DR., HOBBES, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised JUNE 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
Property Code	Property Name BATHSHEBA STATE	Well Number 1
OGRID No.	Operator Name BOLD ENERGY, LP	Elevation 4091'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	36	18-S	21-E		660	SOUTH	660	EAST	EDDY

Bottom Hole Location If Different From Surface

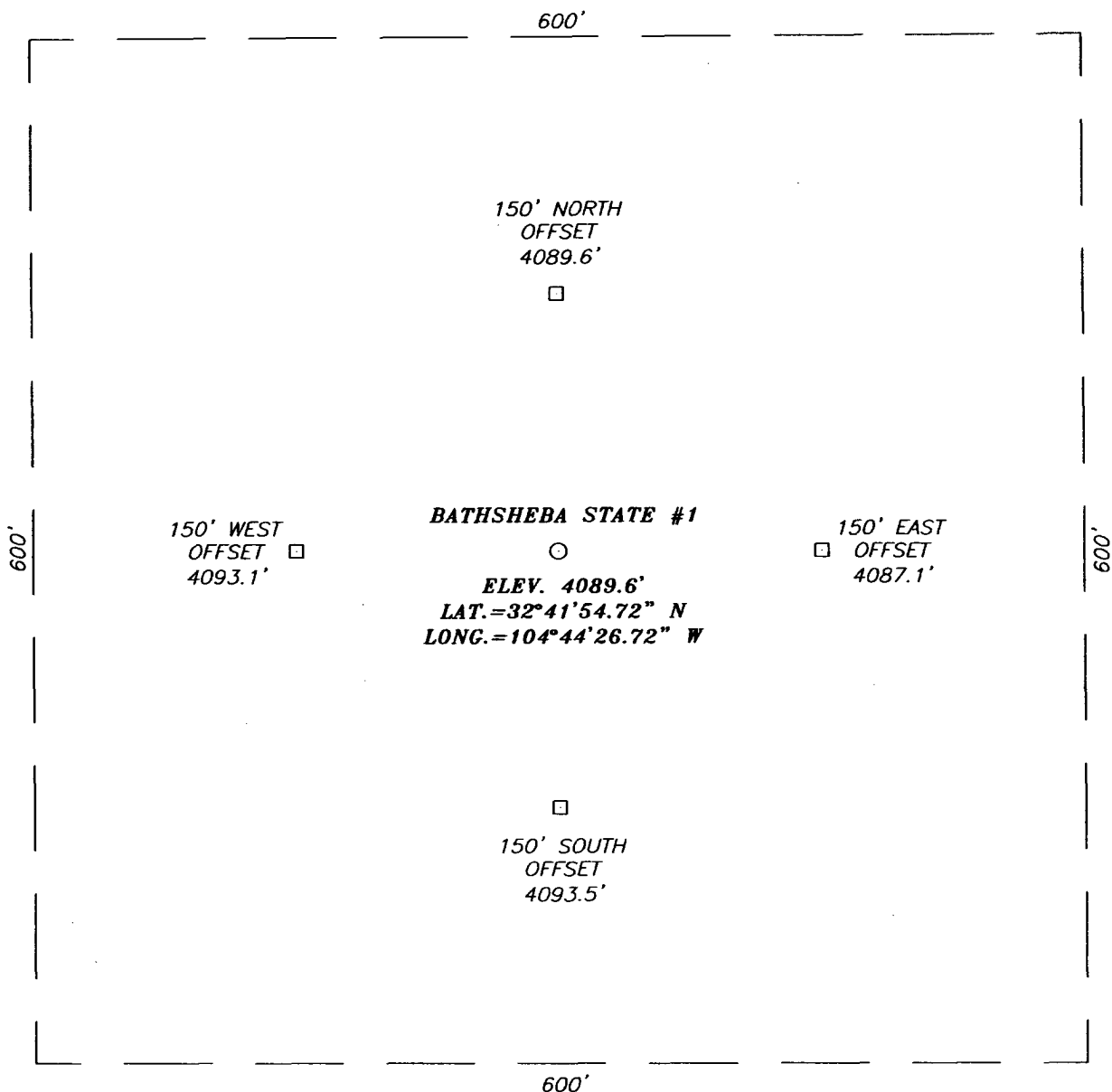
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	36	18-S	21-E		660	NORTH	660	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	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

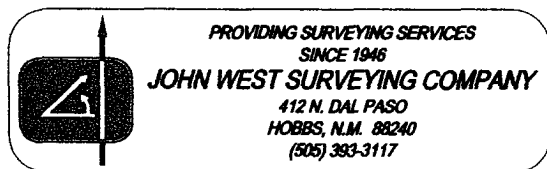
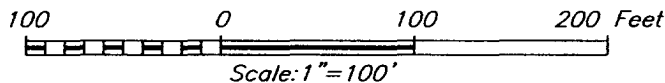
<p>BOTTOM HOLE LOC.</p> <p>Y=622059.6 N X=374678.4 E</p>	<p>B.H. 660'</p>	<p>GR. AZ=N00°09'31"E HD.=3982.8'</p>	<p>S.L. 660'</p>	<p>GEODETIC COORDINATES NAD 27 NME SURF. LOC.</p> <p>Y=618078.0 N X=374667.4 E</p> <p>LAT.=32°41'54.72" N LONG.=104°44'26.72" W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>D.C. Dodd</i> Signature D.C. Dodd Printed Name AGENT Title 2/7/06 Date</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>DECEMBER 17, 2005</p> <p>Date Surveyed RZB</p> <p>Signature & Seal of Professional Surveyor <i>Ronald J. Eidson</i> 05.11.1918 12/27/05</p> <p>Certificate No. GARY EIDSON 12841 RONALD J. EIDSON 3239</p>
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SECTION 36, TOWNSHIP 18 SOUTH, RANGE 21 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF ARMSTRONG RD. AND
BRONC RD. (SOUTH OF HOPE N.M.). GO SW ON
BRONC RD. APPROX. 0.7 MILES THIS LOCATION IS
SE OF RD. APPROX. 0.3 MILES.



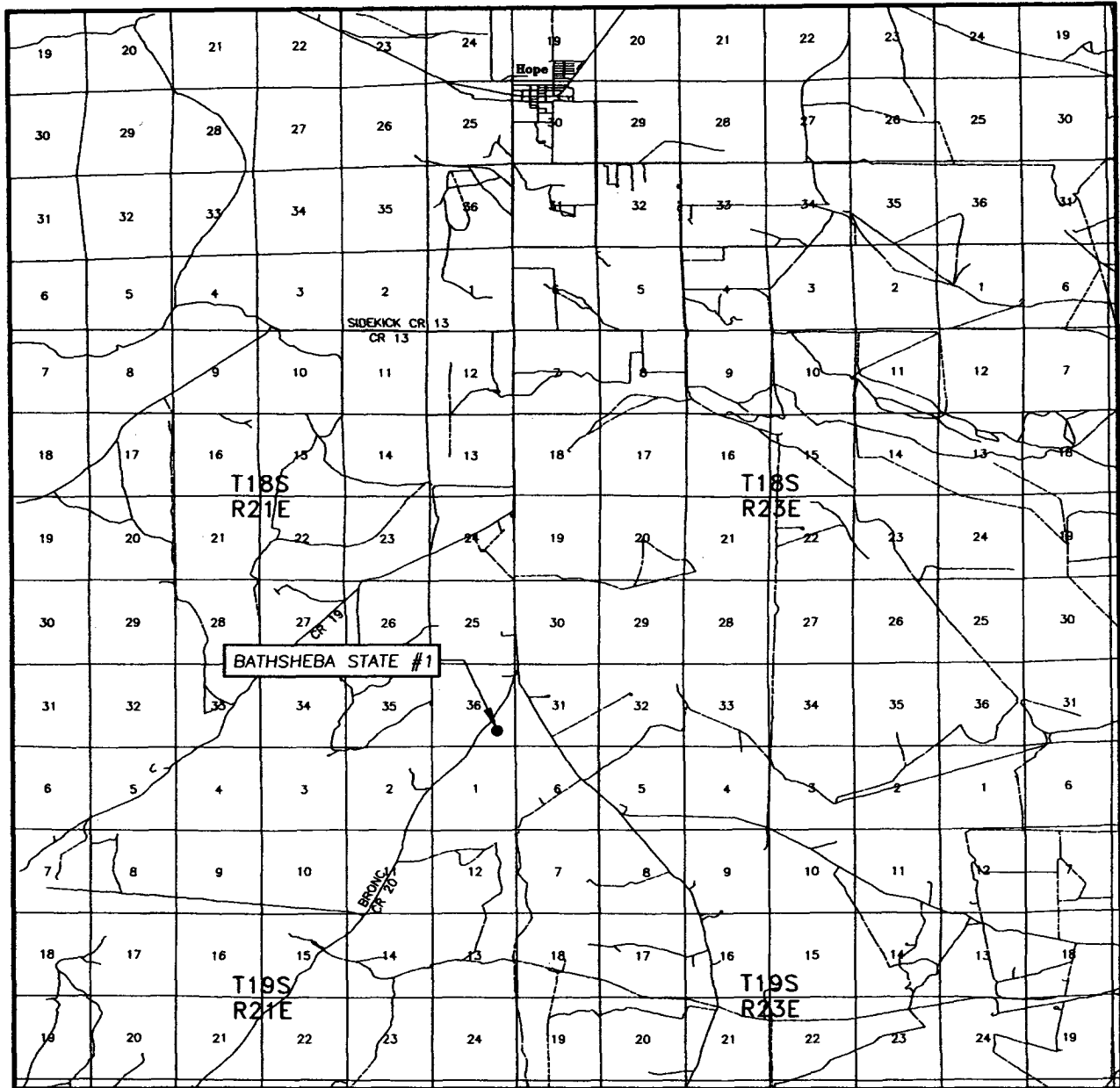
PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(505) 393-3117

BOLD ENERGY, LP

BATHSHEBA STATE #1 WELL
LOCATED 660 FEET FROM THE SOUTH LINE
AND 660 FEET FROM THE EAST LINE OF SECTION 36,
TOWNSHIP 18 SOUTH, RANGE 21 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.

Survey Date: 12/17/05	Sheet 1 of 1 Sheets		
W.O. Number: 05.11.1918	Dr By: RZB	Rev 1:N/A	
Date: 12/22/05	Disk: CD#4	05111918	Scale: 1"=100'

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 36 TWP. 18-S RGE. 21-E

SURVEY N.M.P.M.

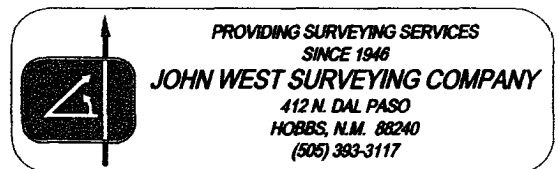
COUNTY EDDY

DESCRIPTION 660' FSL & 660' FEL

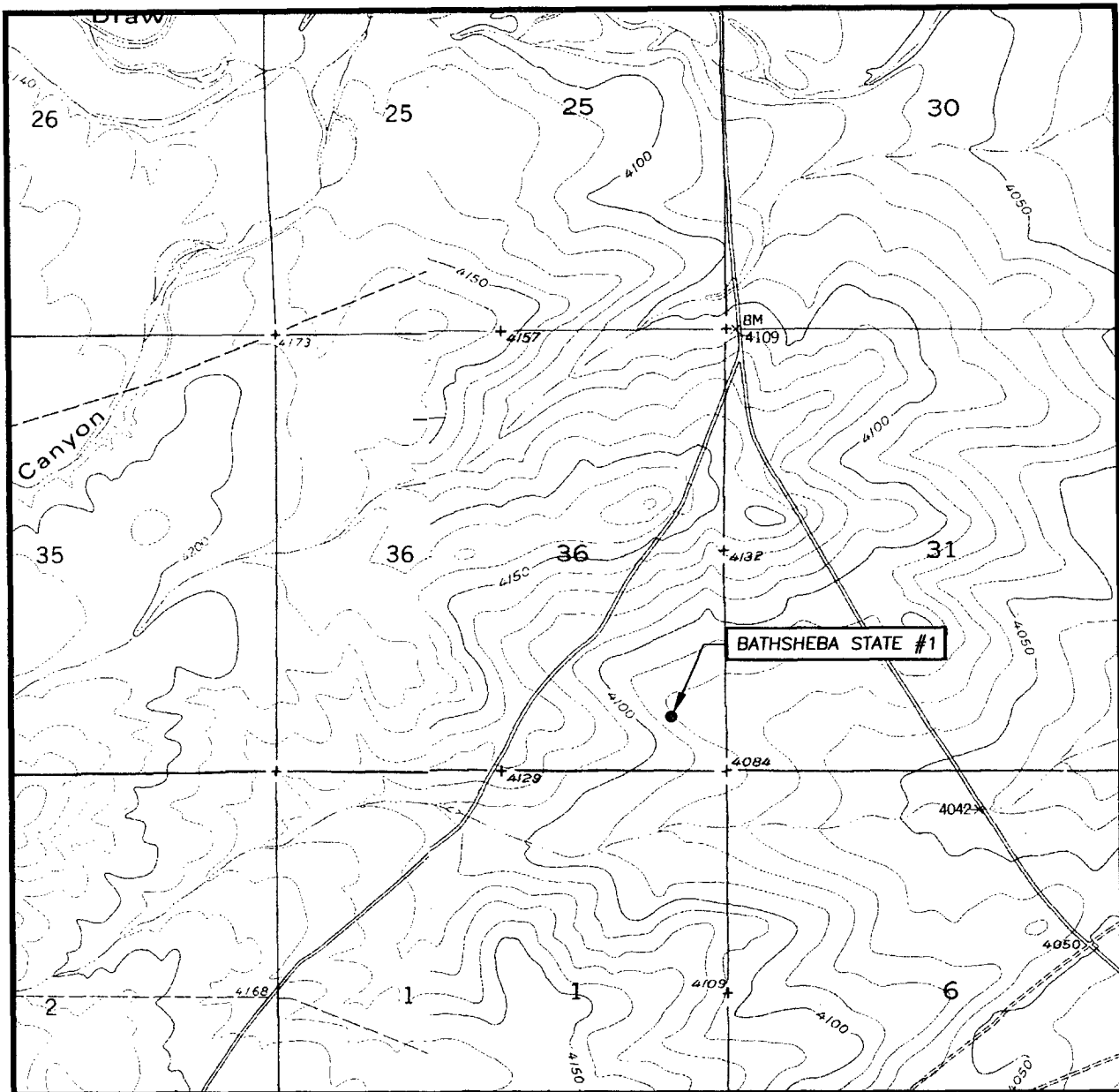
ELEVATION 4089.6'

OPERATOR BOLD ENERGY, LP

LEASE BATHSHEBA STATE



LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
ANTELOPE SINK, N.M. - 10'
HOLT TANK, N.M. - 20'

SEC. 36 TWP. 18-S RGE. 21-E

SURVEY N.M.P.M.

COUNTY EDDY

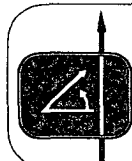
DESCRIPTION 660' FSL & 660' FEL

ELEVATION 4089.6'

OPERATOR BOLD ENERGY, LP

LEASE BATHSHEABA STATE

U.S.G.S. TOPOGRAPHIC MAP
ANTELOPE SINK, N.M.

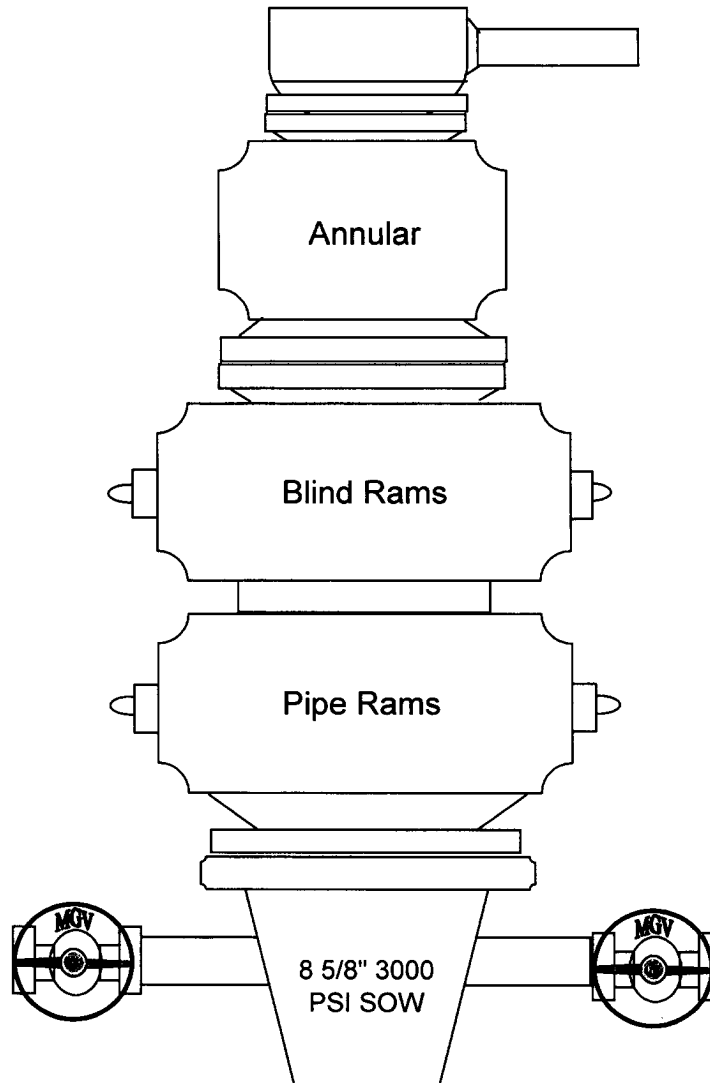


PROVIDING SURVEYING SERVICES
SINCE 1948
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(505) 393-3117

BOLD ENERGY, LP

Bathsheba State #1H

9" - 3000 PSI Stack





February 7, 2006

**NMOCD
1301 W. Grand Avenue
Artesia, New Mexico 88210**

**Re: Bold Energy, LP
Bathsheba State #1H
Wildcat; Wolfcamp Gas Field
660' FSL & 660' FEL
Sec 36 - T18S - R21E
Eddy County, New Mexico**

Att: Bryan Arrant

Gentlemen:

This is to advise that Bold Energy, LP does not expect to encounter any formation drilled by the captioned well to contain hydrogen sulfide (H₂S) gas and accordingly does not plan to file an H₂S Contingency Plan. Our research of offsetting wells has failed to identify any H₂S in the vicinity.

However, we do plan to have H₂S monitors on the rig and operational after cleaning out to the 85/8" shoe on this re-entry project. If the monitors indicate a formation bearing this gas is penetrated, we will immediately take the necessary actions to protect operations personnel and the public and notification of appropriate regulatory agencies will be immediate.

Please advise if you have questions regarding this matter or need additional information. I can be reached at 432 / 683-8000.

Sincerely,

A handwritten signature in black ink, appearing to read "Dan Dodd", written over a horizontal line.

**Dan Dodd
Sierra Engineering for Bold Energy, LP**

P. O. Box 50203

Midland, Texas 79710



February 7, 2006

NMOCD
1301 W. Grand Avenue
Artesia, New Mexico 88210

RECEIVED
FEB 09 2006
OCD-ARTESIA

Re: BOLD ENERGY, LP

Bathsheba State #1H
Wildcat; Wolfcamp Gas Field
660' FSL & 660' FEL
Sec 36 - T18S - R21E
Eddy County, New Mexico

Jezebel State #1H
Wildcat; Wolfcamp Gas Field
660' FNL & 810' FEL
Sec 36 - T18S - R21E
Eddy County, New Mexico

Att: Bryan Arrant

Gentlemen:

The C-102 included with the APD filed for each of the above listed wells defines the same dedicated acreage, i.e., the east half of Section 36 - T18S - R21E. BOLD Energy, LP is filing the APD for the Bathsheba State #1H as a contingent location; if the re-entry attempt on the Jezebel State #1H determines that this well bore is unsuitable for drilling the Wolfcamp horizontal and developing the reserves of this half-section, then this well bore will be re-plugged per NMOCD requirements and the Bathsheba location will be drilled to develop these reserves.

Please advise if you have questions regarding this matter or need additional information. I can be reached at 432 / 683-8000.

Sincerely,

Dan C. Dodd
Sierra Engineering
Agent for BOLD ENERGY, LP

Enclosures: APD - Jezebel State #1H (re-entry)
APD - Bathsheba State #1H (new drill)

P. O. Box 50203

Midland, Texas 79710

BATHSHEBA STATE #1
Surface Hole Location
660 FSL AND 660 FEL, SEC 36, 18S, 21E
Alternate Bottom Hole Location
660 FNL AND 660 FEL, SEC 36, 18S, 21E
EDDY COUNTY, NEW MEXICO

DRILLING PROGRAM

This well is designed as a vertical Morrow test. In the event that the Morrow is found to be non-productive, a horizontal test in the Wolfcamp formation will be drilled.

1. **GEOLOGIC NAME OF SURFACE FORMATION**

San Andres

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS**

Glorieta 1850' (+ 2208')
Tubb 2860' (+1 198')
Abo Shale 3500' (+558')
Abo Carbonate 3620' (+438')
Wolfcamp 4425' (-367')
Wolfcamp Shale 4615' (-557')
Penn Cisco 6085' (-2027')
Canyon 6550' (-2492')
Strawn 6965' (-2907')
Atoka 7350' (-3292')
Morrow 7475' (-3417')
Miss. Chester 7725' (-3667')

3. **ESTIMATED DEPTHS OF ANTICIPATED FRESH WATER, OIL, OR GAS**

Fresh water	790'
Oil and Gas	Morrow 7475' (-3417') to 7550' (-3492')
Alternate Horizontal Completion	
Oil and Gas	Wolfcamp 4425' (-367')
No H2S gas should be encountered	

4. CASING AND CEMENTING PROGRAM

<u>Casing Size</u>	<u>From To</u>	<u>Weight</u>	<u>Grade</u>	<u>Joint</u>
20" conductor	0'-40'			
13 3/8"	0' - 300'	40#	H-40	STC
9 5/8"	300' — 1300'	36#	J-55	LTC
7"	1,300'—7,700'	23#	J-55	LTC
Horizontal casing program for Production String				
7"	1300' —4000'	23#	J-55	LTC
4 1/2" Liner	3,900'—8110'	11.6#	N-80	LTC

Equivalent or adequate grades and weights of casing may be substituted at time casing is run, depending on availability.

Primary Drilling Procedure

- a. Set 20" conductor pipe at 40' with a rathole unit.
- b. Drill 17 1/2" surface hole with rotary equipment to a minimum depth of 300', using a fresh water gel spud mud. Set 13 3/8", 40# H-40 casing with 440 sx Class C cement (circulate to surface, 1" if necessary).
- c. Drill 12 1/4" intermediate hole to a minimum depth of 1300', using fresh water and viscous sweeps for hole cleaning. Set 9 5/8", 36# J-55 casing with 460 sx, Class C cement (lead will be 50/50 Poz, circulate to surface, 1" if necessary).
- d. Drill 8 3/4" production hole to 7700', using cut brine to an approximate depth of 3400' and a starch mud system to TD. Set 7" 23# J-55 casing at TD with 1070 sx Class C cement with the estimated top of cement at 3500' (lead be 50/50 Poz).

Alternate Drilling Procedure (if Morrow is Non-Productive

- a. Plug lower portion of the hole, per OCD/BLM specifications.
- b. Set 7" 23# J-55 casing in the top of the Wolfcamp zone of interest at an approximate depth of 3950' with 600 sx, Class C.
- c. Kick off point at approximately 4043', oriented at 0 degree (grid) azimuth.
- d. Build angle at 15 degrees per 100' to 90 degrees and hold.
- e. Drill 6 1/8" horizontal drain hole to a terminus of 660' FNL (8110' MD).
- f. Run 4 1/2" 11.6# N-80 liner from TD back to 3800', cement with 500 sx Class C Rig Down Rotary Tools

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL**

The BOP stack will consist of a 3,000 psi working pressure, dual ram type Prevent and annular.

A BOP sketch is attached.

6. **TYPES AND CHARACTERS OF THE PROPOSED MUD SYSTEM**

- a. Spud and drill to 300' with fresh water gel spud mud for surface string.
- b. The intermediate section from 300' to 1,300' will be 8.3 ppg Fresh Water system and viscous sweeps for hole cleaning
- c. The production section from 1,300' to 3,500' will utilize a cut brine mud system.
- d. The remaining production section from 3,500' to TD will be a starch mud system with mud weight sufficient to control formation pressures.

7. **AUXILIARY WELL CONTROL AND MONITORING EQUIPMENT**

None required.

8. **LOGGING, TESTING, AND CORING PROGRAM**

Mud logs as well as DLL/CNL/LDT/CAL/GR logging is planned. Drill stem tests, cores and sidewall cores are possible.

9. **ABNORMAL CONDITIONS, PRESSURES, TEMPERATURES & POTENTIAL HAZARDS**

None anticipated.

BHP expected to be 1,100 psi.

10. **ANTICIPATED STARTING DATE:**

Is planned that operations will commence around first quarter of 2006 with drilling and completion operation lasting about 30 days.

PathFinder

Planning Report - Geographic

Company: Bold Energy	Date: 2/13/2006	Time: 15:20:28	Page: 1
Field: Hope	Co-ordinate(NE) Reference: Site: Bathsheba State #1-H, Grid North		
Site: Bathsheba State #1-H	Vertical (TVD) Reference: System: Mean Sea Level		
Well: Bathsheba State #1-H	Section (VS) Reference: Well (0.00N,0.00E,0.00Azi)		
Wellpath: Bathsheba ST #1-H	Plan: Plan #1 2-13-06		

Field: Hope
 Section 36 - T18 South -R21 East 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: Bathsheba State #1-H
 Section 36- T18S - R21E Eddy Co. NM

Site Position:	Northing:	ft	Latitude:
From: Lease Line	Easting:	ft	Longitude:
Position Uncertainty: 0.00 ft			North Reference: Grid
Ground Level: 0.00 ft			Grid Convergence: -0.21 deg

Well: Bathsheba State #1-H	Slot Name:
Well Position: +N/-S 0.00 ft	Latitude: 32 23 0.890 N
+E/-W 0.00 ft	Longitude: 104 43 2.300 W
Position Uncertainty: 0.00 ft	

Wellpath: Bathsheba ST #1-H	Drilled From: Surface
Current Datum: Mean Sea Level	Tie-on Depth: 0.00 ft
Magnetic Data: 2/13/2006	Above System Datum: Mean Sea Level
Field Strength: 49150 nT	Declination: 8.73 deg
Vertical Section: Depth From (TVD)	Mag Dip Angle: 60.26 deg
ft	+N/-S
	ft
0.00	0.00
	0.00
	0.00
	0.00

Plan: Plan #1 2-13-06	Date Composed: 2/13/2006
Principal: Yes	Version: 1
	Tied-to: From Surface

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4022.54	0.00	0.00	4022.54	0.00	0.00	0.00	0.00	0.00	0.00	
4772.54	90.00	0.00	4500.00	477.46	0.00	12.00	12.00	0.00	0.00	
8255.07	90.00	0.00	4500.00	3960.00	0.00	0.00	0.00	0.00	0.00	PBHL Bathsheba

Section 1 : Start Hold

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4000.00	0.00	0.00	4000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4022.54	0.00	0.00	4022.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Section 2 : Start Build 12.00

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
4023.00	0.06	0.00	4023.00	0.00	0.00	0.00	12.00	12.00	0.00	0.00
4200.00	21.30	0.00	4195.94	32.60	0.00	32.60	12.00	12.00	0.00	0.00
4400.00	45.30	0.00	4361.89	141.59	0.00	141.59	12.00	12.00	0.00	0.00
4600.00	69.30	0.00	4469.16	308.66	0.00	308.66	12.00	12.00	0.00	0.00
4772.54	90.00	0.00	4500.00	477.46	0.00	477.46	12.00	12.00	0.00	0.00

Section 3 : Start Hold

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
4773.00	90.00	0.00	4500.00	477.93	0.00	477.93	0.00	0.00	0.00	0.00
4800.00	90.00	0.00	4500.00	504.93	0.00	504.93	0.00	0.00	0.00	0.00

PathFinder

Planning Report - Geographic

Company: Bold Energy	Date: 2/13/2006	Time: 15:20:28	Page: 2
Field: Hope	Co-ordinate(NE) Reference: Site: Bathsheba State #1-H, Grid North		
Site: Bathsheba State #1-H	Vertical (TVD) Reference: System: Mean Sea Level		
Well: Bathsheba State #1-H	Section (VS) Reference: Well (0.00N,0.00E,0.00Az)		
Wellpath: Bathsheba ST #1-H	Plan: Plan #1 2-13-06		

Section 3 : Start Hold

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
5000.00	90.00	0.00	4500.00	704.93	0.00	704.93	0.00	0.00	0.00	0.00
5200.00	90.00	0.00	4500.00	904.93	0.00	904.93	0.00	0.00	0.00	0.00
5400.00	90.00	0.00	4500.00	1104.93	0.00	1104.93	0.00	0.00	0.00	0.00
5600.00	90.00	0.00	4500.00	1304.93	0.00	1304.93	0.00	0.00	0.00	0.00
5800.00	90.00	0.00	4500.00	1504.93	0.00	1504.93	0.00	0.00	0.00	0.00
6000.00	90.00	0.00	4500.00	1704.93	0.00	1704.93	0.00	0.00	0.00	0.00
6200.00	90.00	0.00	4500.00	1904.93	0.00	1904.93	0.00	0.00	0.00	0.00
6400.00	90.00	0.00	4500.00	2104.93	0.00	2104.93	0.00	0.00	0.00	0.00
6600.00	90.00	0.00	4500.00	2304.93	0.00	2304.93	0.00	0.00	0.00	0.00
6800.00	90.00	0.00	4500.00	2504.93	0.00	2504.93	0.00	0.00	0.00	0.00
7000.00	90.00	0.00	4500.00	2704.93	0.00	2704.93	0.00	0.00	0.00	0.00
7200.00	90.00	0.00	4500.00	2904.93	0.00	2904.93	0.00	0.00	0.00	0.00
7400.00	90.00	0.00	4500.00	3104.93	0.00	3104.93	0.00	0.00	0.00	0.00
7600.00	90.00	0.00	4500.00	3304.93	0.00	3304.93	0.00	0.00	0.00	0.00
7800.00	90.00	0.00	4500.00	3504.93	0.00	3504.93	0.00	0.00	0.00	0.00
8000.00	90.00	0.00	4500.00	3704.93	0.00	3704.93	0.00	0.00	0.00	0.00
8200.00	90.00	0.00	4500.00	3904.93	0.00	3904.93	0.00	0.00	0.00	0.00
8255.07	90.00	0.00	4500.00	3960.00	0.00	3960.00	0.00	0.00	0.00	0.00

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		
4000.00	0.00	0.00	4000.00	0.00	0.00	503474.19	381468.45	32	23	0.890 N	104	43	2.300 W
4022.54	0.00	0.00	4022.54	0.00	0.00	503474.19	381468.45	32	23	0.890 N	104	43	2.300 W
4023.00	0.06	0.00	4023.00	0.00	0.00	503474.19	381468.45	32	23	0.890 N	104	43	2.300 W
4200.00	21.30	0.00	4195.94	32.60	0.00	503506.79	381468.45	32	23	1.213 N	104	43	2.301 W
4400.00	45.30	0.00	4361.89	141.59	0.00	503615.78	381468.45	32	23	2.291 N	104	43	2.306 W
4600.00	69.30	0.00	4469.16	308.66	0.00	503782.85	381468.45	32	23	3.944 N	104	43	2.313 W
4772.54	90.00	0.00	4500.00	477.46	0.00	503951.66	381468.45	32	23	5.615 N	104	43	2.320 W
4773.00	90.00	0.00	4500.00	477.93	0.00	503952.12	381468.45	32	23	5.620 N	104	43	2.320 W
4800.00	90.00	0.00	4500.00	504.93	0.00	503979.12	381468.45	32	23	5.887 N	104	43	2.321 W
5000.00	90.00	0.00	4500.00	704.93	0.00	504179.12	381468.45	32	23	7.866 N	104	43	2.330 W
5200.00	90.00	0.00	4500.00	904.93	0.00	504379.12	381468.45	32	23	9.845 N	104	43	2.338 W
5400.00	90.00	0.00	4500.00	1104.93	0.00	504579.12	381468.45	32	23	11.824 N	104	43	2.346 W
5600.00	90.00	0.00	4500.00	1304.93	0.00	504779.12	381468.45	32	23	13.803 N	104	43	2.355 W
5800.00	90.00	0.00	4500.00	1504.93	0.00	504979.12	381468.45	32	23	15.783 N	104	43	2.363 W
6000.00	90.00	0.00	4500.00	1704.93	0.00	505179.12	381468.45	32	23	17.762 N	104	43	2.371 W
6200.00	90.00	0.00	4500.00	1904.93	0.00	505379.12	381468.45	32	23	19.741 N	104	43	2.380 W
6400.00	90.00	0.00	4500.00	2104.93	0.00	505579.12	381468.45	32	23	21.720 N	104	43	2.388 W
6600.00	90.00	0.00	4500.00	2304.93	0.00	505779.12	381468.45	32	23	23.699 N	104	43	2.396 W
6800.00	90.00	0.00	4500.00	2504.93	0.00	505979.12	381468.45	32	23	25.679 N	104	43	2.405 W
7000.00	90.00	0.00	4500.00	2704.93	0.00	506179.12	381468.45	32	23	27.658 N	104	43	2.413 W
7200.00	90.00	0.00	4500.00	2904.93	0.00	506379.12	381468.45	32	23	29.637 N	104	43	2.422 W
7400.00	90.00	0.00	4500.00	3104.93	0.00	506579.12	381468.45	32	23	31.616 N	104	43	2.430 W
7600.00	90.00	0.00	4500.00	3304.93	0.00	506779.12	381468.45	32	23	33.595 N	104	43	2.438 W
7800.00	90.00	0.00	4500.00	3504.93	0.00	506979.12	381468.45	32	23	35.574 N	104	43	2.447 W
8000.00	90.00	0.00	4500.00	3704.93	0.00	507179.12	381468.45	32	23	37.554 N	104	43	2.455 W
8200.00	90.00	0.00	4500.00	3904.93	0.00	507379.12	381468.45	32	23	39.533 N	104	43	2.463 W
8255.07	90.00	0.00	4500.00	3960.00	0.00	507434.19	381468.45	32	23	40.078 N	104	43	2.466 W



PathFinder

Planning Report - Geographic

Company: Bold Energy	Date: 2/13/2006	Time: 15:20:28	Page: 3
Field: Hope	Co-ordinate(NE) Reference: Site: Bathsheba State #1-H, Grid North		
Site: Bathsheba State #1-H	Vertical (TVD) Reference: System: Mean Sea Level		
Well: Bathsheba State #1-H	Section (VS) Reference: Well (0.00N,0.00E,0.00Azi)		
Wellpath: Bathsheba ST #1-H	Plan: Plan #1 2-13-06		

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 Bathsheba			4500.00	3960.00	0.00	507434.19	381468.45	32	23	40.078 N	104	43	2.466 W

Annotation

MD ft	TVD ft	
4023.00	4023.00	KOP @ 4023' MD
4773.00	4500.00	End of Curve @ 4773' MD 90° Inc