

Results of Directional Survey

API number:	30-025-40054		
OGRID:		Operator:	YATES PETROLEUM CORPORATION
		Property:	BASILISK BQS STATE COM # 1H

surface	ULSTR:	N	36		T 24S		R 32E
					330 FSL		1980 FWL

BH Loc	ULSTR:	C	36		T 24S		R 32E
	13665 MD		9295.0 TVD		4905 FSL		1952 FWL
<i>775 FNL</i>							

Top Perf/OH	ULSTR:	N	36		T 24S		R 32E
	9610 MD		9289.1 TVD		851 FSL		1965 FWL

Bot Perf/OH	ULSTR:	C	36		T 24S		R 32E
	13565 MD		9294.9 TVD		4805 FSL		1952 FWL
<i>475 FNL</i>							

	MD	N/S	E/W	VD
	9604	514.96	-15.45	9289.03
TOP PERFS/OH	9610	520.96	-15.34	9289.13
	9667	577.93	-14.30	9290.09
	13489	4398.59	-27.57	9294.87
BOT PERFS/OH	13565	4474.52	-27.71	9294.91
	13582	4491.51	-27.74	9294.92

NEXT TO LAST	13614	4523.59	-27.69	9294.92
LAST READING	13665	4574.59	-27.59	9295.03
TD	13665	4574.59	-27.59	9295.03

Surface Location	330 FS	1980 FW
Projected BHL	4905 FS	1952 FW
Location of		
Top Perfs/OH	851 FS	1965 FW
Bottom Perfs/OH	4805 FS	1952 FW

SUMMARY of Subsurface Locations

Surface Location	N-36-24S-32E	330 FS	1980 FW	Vert. Depth
Top Perfs/OH	N-36-24S-32E	851 FS	1965 FW	9289.13
Bottom Perfs/OH	C-36-24S-32E	4805 FS	1952 FW	9294.91
Projected TD	C-36-24S-32E	4905 FS	1952 FW	9295.03

HOBBS OCD

FEB 01 2012

RECEIVED

OPERATOR: Yates Petroleum Corp.
WELL/LEASE: Basilisk BQS Staet # 1H
COUNTY: Lea County, New Mexico
Sec. 36, T24S, R32E

SUR: N-36-24s-32e, 330/S & 1980/W
BHL: C-36-24s-32e, 4905/S & 1952/W
API # 30-025-40054

**STATE OF NEW MEXICO
DEVIATION REPORT**

<u>Depth</u>	<u>Deviation</u>	<u>Depth</u>	<u>Deviation</u>
233	1/2	3,962	1
500	1	4,152	1
742	1 3/4	4,313	2 3/4
830	1 1/2	4,627	2
1,129	2 1/2	4,766	1 3/4
1,414	1 1/4	4,912	1
1,509	1	5,006	3/4
1,604	1	5,290	1/2
1,699	1	5,478	1/2
1,792	1	5,666	3/4
1,981	3/4	5,855	1
2,075	3/4	6,138	1
2,169	3/4	6,327	1
2,264	3/4	6,515	1
2,359	3/4	6,891	3/4
2,453	1/2	7,080	3/4
2,548	1/4	7,269	3/4
2,642	1/4	7,646	3/4
2,831	1/4	7,741	3/4
2,921	1/2	7,930	3/4
3,208	3/4	8,214	1/2
3,396	1/2	8,402	1/4
3,491	1/2	8,497	1/2
3,680	2 1/4	8,757	3/4
3,869	1 1/4		

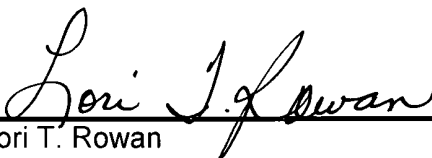
Patriot Drilling, LLC



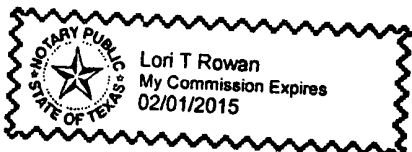
M. Leroy Peterson, Executive Vice-President

The foregoing instrument was acknowledged before me on this 3rd day of November, 2011 by M. Leroy Peterson, Executive Vice-President of Patriot Drilling,

My Commission Expires: 02/01/2015



Lori T. Rowan
Notary Public for Ector Co., Texas



FEB 29 2012

PATHFINDER[®]

A Schlumberger Company

HOBBS OCD

FEB 01 2012

DIRECTIONAL SURVEY REPORT

RECEIVED

YATES PETROLEUM
BASILISK BQS STATE 1H
LEA COUNTY, NEW MEXICO

SUR: N-36-24s-32e, 330/S & 1980/W
BHL: C-36-24s-32e, 4905/S & 1952/W
API # 30-025-40054

PREPARED BY: STEVE BIBB

Pathfinder

6213 WCR 112
Midland, Texas, 79706
Tel (432)687-1647
Fax (432)687-1544



DIRECTIONAL SURVEY COMPANY REPORT:

1. NAME OF SURVEYING COMPANY: PATHFINDER ENERGY SERVICES
2. NAME OF PERSON(S) PERFORMING SURVEY:
A) CHARLIE SANDIFER
3. POSITION OF SAID PERSON(S): (A-F) SURVEYORS (FIELD ENGINEERS)
4. DATE(S) ON WHICH SURVEY WAS PERFORMED: 10-10-11 TO 10-29-11
5. STATE IN WHICH SURVEY WAS PERFORMED: NEW MEXICO
6. LOCATION OF WELL: LEA COUNTY, NM
7. TYPE OF SURVEY(S) PERFORMED: MWD
8. COMPLETE IDENTIFICATION OF WELL:

YATES PETROLEUM
BASILISK BQS STATE 1H
LEA COUNTY, NM
RIG: PATRIOT 5
9. SURVEY CERTIFIED FROM: 1129 TO 13614 FEET MEASURED DEPTH.

THIS IS TO VERIFY THAT ATTACHED DOCUMENTS SHOWING THE WELL TO BE DISPLACED AT 4574.59 FEET ON A BEARING OF 359.65 DEGREES FROM THE CENTER OF THE ROTARY TABLE AT A PROJECTED BIT DEPTH OF 13665 FEET, ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

A handwritten signature in black ink that reads "Steve Bibb".

STEVE BIBB
MWD COORDINATOR

PathFinder Energy Services, Inc.

BHL Report

Page 01/01
Tie-in Date: 10/10/2011
Date Completed: 10/29/2011

YATES PETROLEUM CORPORATION

BASILISK BQS STATE #1H

LEA COUNTY, NM

Rig:PATRIOT # 5

PathFinder Office Supervisor: STEVE BIBB

PathFinder Field Engineers:GEORGE SAKAS

STAN WILLIAMSON

Survey Horiz. Reference:WELLHEAD

Ref Coordinates: LAT:32.10.4.0715 N LON:103.37.49.8092 W

GRID Reference:NAD83 new mexico east Transverse Mercator

Ref GRID Coord: X: 758811.3200 Y: 425489.9200

North Aligned To:GRID NORTH

Total Magnetic Correction: 7.19° EAST TO GRID

Vertical Section Plane: 359.71

Survey Vert. Reference: 26.50' Rotary Table To Ground

Altitude:3557.00' Ground To MSL

Measured Depth	13665.00	(feet)
Inclination	89.87	(deg)
Azimuth	0.11	(deg)
True Vertical Depth	9295.03	(feet)
Vertical Section	4574.59	(feet)
Survey X cord	758783.73	(feet)
Survey Y cord	430064.43	(feet)
Survey Lat	32.18037217 N	(deg)
Survey Lon	103.63049517 W	(deg)
Rectangular Corr. N/S	4574.51 N	(feet)
Rectangular Corr. E/W	27.59 W	(feet)
Closure Distance	4574.59	(feet)
Direction of Closure	359.65	(deg)
Dogleg Severity	0.00	(deg/100ft)

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PathFinder Energy Services, Inc.

Survey Report

YATES PETROLEUM CORPORATION
 BASILISK BQS STATE #1H
 LEA COUNTY, NM
 Rig: PATRIOT # 5
 PathFinder Office Supervisor: STEVE BIBB
 PathFinder Field Engineers: GEORGE SAKAS
 STAN WILLIAMSON

Survey Horiz. Reference: WELLHEAD
 Ref Coordinates: LAT: 32.10.4.0715 N LON: 103.37.49.8092 W
 GRID Reference: NAD83 new mexico east Transverse Mercator
 Ref GRID Coord: X: 758811.3200 Y: 425489.9200
 North Aligned To: GRID NORTH
 Total Magnetic Correction: 7.19° EAST TO GRID
 Vertical Section Plane: 359.71
 Survey Vert. Reference: 26.50' Rotary Table To Ground
 Altitude: 3557.00' Ground To MSL

Survey Calculations by RX5 V6.03E using Minimum Curvature

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
THE FOLLOWING SURVEYS ARE MULTI SHOT GYRO SURVEYS										
100.00	0.25	266.99	100.00	0.00	-0.01	0.01 S	0.22 W	0.22@	267.09	0.00
200.00	0.25	221.29	199.99	100.00	-0.18	0.19 S	0.58 W	0.61@	252.13	0.19
300.00	0.25	344.59	299.99	100.00	-0.14	0.14 S	0.78 W	0.79@	259.83	0.44
400.00	0.25	16.88	399.99	100.00	0.28	0.28 N	0.77 W	0.82@	289.82	0.14
500.00	0.50	144.18	499.99	100.00	0.14	0.13 N	0.46 W	0.48@	286.39	0.68
600.00	0.50	103.48	599.99	100.00	-0.32	0.32 S	0.22 E	0.39@	145.14	0.35
700.00	0.75	143.78	699.98	100.00	-0.96	0.95 S	1.04 E	1.41@	132.58	0.49
800.00	1.25	173.07	799.97	100.00	-2.57	2.56 S	1.55 E	3.00@	148.77	0.70
900.00	1.75	162.38	899.93	100.00	-5.11	5.10 S	2.15 E	5.53@	157.17	0.57
** TIE-IN TO MULTI SHOT GYRO SURVEY @ 1000'MD.										
1000.00	2.00	163.67	999.88	100.00	-8.25	8.23 S	3.10 E	8.79@	159.36	0.25
THE FOLLOWING ARE PATHFINDER MWD SURVEYS.										
1129.00	2.37	198.70	1128.79	129.00	-12.93	12.92 S	2.88 E	13.23@	167.44	1.05
1224.00	1.23	207.28	1223.74	95.00	-15.69	15.68 S	1.78 E	15.78@	173.52	1.23
1318.00	0.97	285.68	1317.73	94.00	-16.37	16.37 S	0.55 E	16.37@	178.07	1.49
1414.00	1.06	285.53	1413.72	96.00	-15.90	15.91 S	1.09 W	15.95@	183.90	0.09
1509.00	0.88	291.75	1508.70	95.00	-15.39	15.40 S	2.61 W	15.62@	189.62	0.22
1604.00	0.97	288.06	1603.69	95.00	-14.86	14.88 S	4.05 W	15.42@	195.23	0.11
1699.00	0.79	278.72	1698.68	95.00	-14.51	14.53 S	5.46 W	15.53@	200.60	0.24
1792.00	0.97	278.03	1791.67	93.00	-14.29	14.33 S	6.88 W	15.89@	205.64	0.19
1887.00	0.62	282.11	1886.66	95.00	-14.07	14.11 S	8.18 W	16.30@	210.10	0.37
1981.00	0.53	358.42	1980.65	94.00	-13.52	13.57 S	8.69 W	16.11@	212.63	0.76
2075.00	0.62	353.45	2074.65	94.00	-12.58	12.63 S	8.76 W	15.36@	214.74	0.11
2169.00	0.62	340.03	2168.64	94.00	-11.60	11.64 S	8.99 W	14.71@	217.66	0.15
2264.00	0.53	337.31	2263.64	95.00	-10.71	10.75 S	9.33 W	14.24@	220.95	0.10

PathFinder Energy Services, Inc.

Survey Report

YATES PETROLEUM CORPORATION
 BASILISK BQS STATE #1H
 LEA COUNTY, NM
 RIG:PATRIOT # 5

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Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets		Closure Dist Dir		DLS (dg/100ft)
						(ft)	(ft)	(ft)	(deg)	
2359.00	0.53	339.55	2358.64	95.00	-9.89	9.94 S	9.65 W	13.86@	224.18	0.02
2453.00	0.44	331.89	2452.63	94.00	-9.16	9.21 S	9.98 W	13.58@	227.28	0.12
2548.00	0.18	294.68	2547.63	95.00	-8.78	8.83 S	10.28 W	13.55@	229.36	0.33
2642.00	0.18	300.72	2641.63	94.00	-8.64	8.69 S	10.55 W	13.66@	230.51	0.02
2737.00	0.18	315.27	2736.63	95.00	-8.45	8.51 S	10.78 W	13.73@	231.72	0.05
2831.00	0.18	110.90	2830.63	94.00	-8.40	8.46 S	10.74 W	13.67@	231.80	0.37
2921.00	0.26	141.09	2920.63	90.00	-8.61	8.67 S	10.48 W	13.60@	230.43	0.15
3019.00	0.18	126.13	3018.63	98.00	-8.88	8.93 S	10.22 W	13.57@	228.86	0.10
3113.00	0.26	124.54	3112.63	94.00	-9.09	9.14 S	9.93 W	13.49@	227.37	0.09
3208.00	0.53	125.66	3207.63	95.00	-9.47	9.52 S	9.39 W	13.37@	224.62	0.28
3302.00	0.53	123.11	3301.62	94.00	-9.96	10.01 S	8.67 W	13.24@	220.92	0.02
3396.00	0.44	146.58	3395.62	94.00	-10.50	10.54 S	8.11 W	13.30@	217.57	0.23
3491.00	0.44	168.20	3490.62	95.00	-11.17	11.21 S	7.84 W	13.67@	214.96	0.17
3585.00	1.14	80.53	3584.61	94.00	-11.37	11.41 S	6.84 W	13.30@	210.95	1.28
3680.00	2.02	78.64	3679.57	95.00	-10.90	10.92 S	4.27 W	11.72@	201.33	0.93
3774.00	2.02	70.76	3773.51	94.00	-10.04	10.05 S	1.08 W	10.11@	186.12	0.30
3869.00	1.06	72.73	3868.48	95.00	-9.24	9.24 S	1.34 E	9.33@	171.73	1.01
3962.00	0.88	82.27	3961.46	93.00	-8.90	8.88 S	2.87 E	9.34@	162.08	0.26
4057.00	0.79	105.37	4056.45	95.00	-8.98	8.96 S	4.23 E	9.91@	154.75	0.36
4152.00	0.97	108.59	4151.44	95.00	-9.42	9.39 S	5.62 E	10.94@	149.10	0.20
4247.00	1.85	110.68	4246.41	95.00	-10.23	10.19 S	7.82 E	12.84@	142.50	0.93
4343.00	2.64	105.73	4342.34	96.00	-11.39	11.33 S	11.40 E	16.07@	134.85	0.85
4438.00	1.67	101.09	4437.27	95.00	-12.27	12.19 S	14.86 E	19.22@	129.37	1.04
4532.00	1.58	109.86	4531.23	94.00	-12.99	12.90 S	17.42 E	21.68@	126.51	0.28
4627.00	1.85	110.87	4626.19	95.00	-13.99	13.89 S	20.09 E	24.42@	124.66	0.29
4722.00	1.67	109.50	4721.15	95.00	-15.01	14.90 S	22.82 E	27.26@	123.13	0.19
4766.00	1.67	111.24	4765.13	44.00	-15.46	15.34 S	24.03 E	28.51@	122.56	0.12
4912.00	0.88	112.75	4911.09	146.00	-16.68	16.55 S	27.04 E	31.70@	121.46	0.54

PathFinder Energy Services, Inc.

Survey Report

YATES PETROLEUM CORPORATION
 BASILISK BQS STATE #1H
 LEA COUNTY, NM
 RIG:PATRIOT # 5

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Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets		Closure Dist Dir		DLS (dg/100ft)
						(ft)	(ft)	(ft)	(deg)	
5006.00	0.61	114.79	5005.08	94.00	-17.18	17.04 S	28.16 E	32.92@	121.17	0.29
5195.00	0.62	106.81	5194.07	189.00	-17.91	17.75 S	30.06 E	34.91@	120.57	0.05
5290.00	0.44	254.44	5289.07	95.00	-18.15	18.00 S	30.20 E	35.15@	120.80	1.07
5384.00	0.35	269.24	5383.07	94.00	-18.25	18.10 S	29.56 E	34.66@	121.48	0.14
5478.00	0.44	263.08	5477.06	94.00	-18.29	18.15 S	28.92 E	34.14@	122.11	0.11
5572.00	0.53	293.07	5571.06	94.00	-18.16	18.02 S	28.16 E	33.43@	122.62	0.28
5666.00	0.62	305.51	5665.06	94.00	-17.69	17.56 S	27.34 E	32.49@	122.70	0.16
5761.00	0.79	286.51	5760.05	95.00	-17.20	17.07 S	26.30 E	31.35@	122.99	0.30
5855.00	0.79	286.74	5854.04	94.00	-16.83	16.70 S	25.06 E	30.11@	123.68	0.00
5949.00	0.88	296.65	5948.03	94.00	-16.31	16.19 S	23.79 E	28.78@	124.24	0.18
6043.00	0.88	289.89	6042.02	94.00	-15.73	15.62 S	22.47 E	27.36@	124.81	0.11
6138.00	0.97	296.80	6137.01	95.00	-15.12	15.01 S	21.06 E	25.86@	125.47	0.15
6232.00	0.79	287.84	6231.00	94.00	-14.55	14.45 S	19.74 E	24.46@	126.22	0.24
6327.00	0.97	293.21	6325.98	95.00	-14.03	13.93 S	18.37 E	23.06@	127.18	0.21
6421.00	0.88	290.03	6419.97	94.00	-13.46	13.37 S	16.96 E	21.60@	128.25	0.11
6515.00	0.79	288.24	6513.96	94.00	-13.00	12.92 S	15.67 E	20.31@	129.51	0.10
6609.00	0.88	287.26	6607.95	94.00	-12.58	12.51 S	14.37 E	19.05@	131.04	0.10
6704.00	0.62	300.75	6702.94	95.00	-12.09	12.03 S	13.23 E	17.88@	132.28	0.33
6797.00	0.70	297.24	6795.94	93.00	-11.57	11.51 S	12.29 E	16.84@	133.13	0.10
6891.00	0.62	295.93	6889.93	94.00	-11.08	11.03 S	11.32 E	15.80@	134.24	0.09
6986.00	0.68	296.71	6984.93	95.00	-10.60	10.55 S	10.36 E	14.78@	135.53	0.06
7080.00	0.79	354.55	7078.92	94.00	-9.70	9.65 S	9.80 E	13.75@	134.58	0.76
7269.00	0.53	338.33	7267.91	189.00	-7.59	7.54 S	9.35 E	12.01@	128.89	0.17
7363.00	0.35	316.11	7361.90	94.00	-6.98	6.93 S	8.99 E	11.35@	127.63	0.26
7457.00	0.35	331.21	7455.90	94.00	-6.52	6.47 S	8.65 E	10.81@	126.80	0.10
7552.00	0.18	312.15	7550.90	95.00	-6.16	6.12 S	8.40 E	10.39@	126.06	0.20
7646.00	0.53	295.58	7644.90	94.00	-5.87	5.83 S	7.90 E	9.82@	126.43	0.38
7741.00	0.62	278.08	7739.89	95.00	-5.60	5.57 S	7.00 E	8.94@	128.53	0.21

PathFinder Energy Services, Inc.

Survey Report

YATES PETROLEUM CORPORATION
 BASILISK BQS STATE #1H
 LEA COUNTY, NM
 RIG:PATRIOT # 5

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets		Closure Dist Dir		DLS (dg/100ft)
						(ft)	(ft)	(ft)	(deg)	
7835.00	0.44	270.15	7833.89	94.00	-5.53	5.50 S	6.13 E	8.23@	131.88	0.21
7930.00	0.62	267.54	7928.89	95.00	-5.54	5.52 S	5.25 E	7.62@	136.41	0.19
8024.00	0.44	263.79	8022.88	94.00	-5.60	5.58 S	4.39 E	7.10@	141.83	0.20
8119.00	0.09	251.64	8117.88	95.00	-5.66	5.64 S	3.95 E	6.89@	144.99	0.37
8214.00	0.26	265.73	8212.88	95.00	-5.70	5.68 S	3.67 E	6.76@	147.17	0.18
8308.00	0.18	229.86	8306.88	94.00	-5.81	5.79 S	3.34 E	6.69@	150.03	0.17
8402.00	0.18	199.85	8400.88	94.00	-6.04	6.03 S	3.18 E	6.81@	152.20	0.10
8497.00	0.35	202.30	8495.88	95.00	-6.45	6.44 S	3.02 E	7.11@	154.88	0.18
8592.00	0.53	183.83	8590.88	95.00	-7.16	7.14 S	2.88 E	7.70@	158.06	0.24
8686.00	0.62	201.03	8684.87	94.00	-8.06	8.05 S	2.67 E	8.48@	161.68	0.21
8757.00	0.70	204.55	8755.87	71.00	-8.82	8.80 S	2.35 E	9.11@	165.07	0.13
8816.00	1.06	329.81	8814.86	59.00	-8.67	8.66 S	1.92 E	8.87@	167.48	2.66
8848.00	4.92	349.18	8846.81	32.00	-7.06	7.06 S	1.52 E	7.22@	167.87	12.30
8879.00	9.50	351.33	8877.56	31.00	-3.22	3.22 S	0.88 E	3.34@	164.69	14.80
8910.00	14.25	353.56	8907.89	31.00	3.10	3.11 N	0.07 E	3.11@	1.24	15.39
8942.00	18.11	353.14	8938.61	32.00	11.96	11.96 N	0.97 W	12.00@	355.37	12.07
8974.00	21.63	352.47	8968.71	32.00	22.76	22.75 N	2.34 W	22.87@	354.14	11.02
9005.00	25.15	353.00	8997.15	31.00	34.97	34.95 N	3.89 W	35.17@	353.65	11.38
9037.00	28.31	353.93	9025.73	32.00	49.28	49.25 N	5.52 W	49.56@	353.61	9.96
9068.00	31.13	355.45	9052.65	31.00	64.59	64.55 N	6.93 W	64.92@	353.87	9.41
9100.00	34.29	356.94	9079.57	32.00	81.84	81.81 N	8.07 W	82.20@	354.37	10.19
9132.00	37.99	357.53	9105.41	32.00	100.70	100.65 N	8.98 W	101.05@	354.90	11.61
9164.00	41.33	358.19	9130.04	32.00	121.11	121.06 N	9.73 W	121.45@	355.40	10.52
9195.00	45.20	358.14	9152.61	31.00	142.34	142.29 N	10.42 W	142.67@	355.81	12.48
9227.00	49.07	358.16	9174.38	32.00	165.78	165.73 N	11.17 W	166.10@	356.14	12.09
9259.00	52.85	358.66	9194.53	32.00	190.63	190.57 N	11.86 W	190.94@	356.44	11.88
9291.00	56.45	359.22	9213.04	32.00	216.72	216.66 N	12.34 W	217.01@	356.74	11.34
9321.00	60.41	359.37	9228.74	30.00	242.27	242.21 N	12.65 W	242.54@	357.01	13.21

PathFinder Energy Services, Inc.

Survey Report

YATES PETROLEUM CORPORATION
 BASILISK BQS STATE #1H
 LEA COUNTY, NM
 RIG:PATRIOT # 5

Page 05/07

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets		Closure Dist Dir		DLS (dg/100ft)
						(ft)	(ft)	(ft)	(deg)	
9353.00	64.19	358.91	9243.62	32.00	270.60	270.54 N	13.08 W	270.85@	357.23	11.88
9385.00	68.06	358.01	9256.56	32.00	299.85	299.78 N	13.87 W	300.10@	357.35	12.36
9416.00	72.55	357.75	9267.01	31.00	329.01	328.94 N	14.95 W	329.28@	357.40	14.51
9448.00	77.12	358.04	9275.38	32.00	359.87	359.80 N	16.08 W	360.16@	357.44	14.31
9480.00	82.22	358.94	9281.12	32.00	391.34	391.26 N	16.91 W	391.62@	357.53	16.18
9508.00	86.17	0.79	9283.95	28.00	419.19	419.11 N	16.97 W	419.45@	357.68	15.56
9540.00	87.14	0.94	9285.81	32.00	451.13	451.05 N	16.49 W	451.35@	357.91	3.07
9572.00	86.79	0.93	9287.51	32.00	483.07	483.00 N	15.97 W	483.26@	358.11	1.09
9604.00	87.76	0.93	9289.03	32.00	515.03	514.96 N	15.45 W	515.19@	358.28	3.03
9667.00	90.31	1.16	9290.09	63.00	578.00	577.93 N	14.30 W	578.11@	358.58	4.06
9762.00	90.57	1.81	9289.36	95.00	672.95	672.90 N	11.84 W	673.00@	358.99	0.74
9858.00	90.13	1.81	9288.77	96.00	768.88	768.85 N	8.81 W	768.90@	359.34	0.46
9953.00	89.34	1.58	9289.21	95.00	863.82	863.81 N	6.00 W	863.83@	359.60	0.87
10048.00	90.13	2.04	9289.65	95.00	958.76	958.76 N	3.00 W	958.76@	359.82	0.96
10143.00	90.13	2.09	9289.44	95.00	1053.68	1053.69 N	0.42 E	1053.69@	0.02	0.05
10238.00	91.01	1.23	9288.49	95.00	1148.62	1148.65 N	3.18 E	1148.65@	0.16	1.30
10334.00	90.57	1.62	9287.17	96.00	1244.56	1244.61 N	5.56 E	1244.62@	0.26	0.61
10429.00	91.54	0.54	9285.42	95.00	1339.52	1339.57 N	7.35 E	1339.59@	0.31	1.53
10524.00	90.40	0.44	9283.81	95.00	1434.49	1434.55 N	8.17 E	1434.58@	0.33	1.20
10619.00	89.96	358.88	9283.51	95.00	1529.49	1529.55 N	7.60 E	1529.57@	0.28	1.71
10714.00	89.96	359.37	9283.58	95.00	1624.49	1624.54 N	6.15 E	1624.55@	0.22	0.52
10808.00	89.87	359.33	9283.72	94.00	1718.48	1718.53 N	5.09 E	1718.54@	0.17	0.10
10903.00	88.99	358.64	9284.66	95.00	1813.47	1813.51 N	3.40 E	1813.51@	0.11	1.18
10999.00	88.11	358.49	9287.09	96.00	1909.42	1909.45 N	1.00 E	1909.45@	0.03	0.93
11093.00	88.81	359.05	9289.62	94.00	2003.37	2003.39 N	1.02 W	2003.39@	359.97	0.95
11187.00	89.16	358.58	9291.28	94.00	2097.34	2097.36 N	2.96 W	2097.36@	359.92	0.62
11281.00	91.01	359.70	9291.15	94.00	2191.33	2191.34 N	4.37 W	2191.34@	359.89	2.30
11375.00	91.10	359.27	9289.41	94.00	2285.32	2285.32 N	5.22 W	2285.33@	359.87	0.47

PathFinder Energy Services, Inc.

Survey Report

YATES PETROLEUM CORPORATION
 BASILISK BQS STATE #1H
 LEA COUNTY, NM
 RIG:PATRIOT # 5

Page 06/07

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets		Closure Dist Dir		DLS (dg/100ft)
						(ft)	(ft)	(ft)	(deg)	
11470.00	90.84	359.04	9287.81	95.00	2380.30	2380.30 N	6.62 W	2380.31@	359.84	0.36
11567.00	90.75	359.62	9286.46	97.00	2477.29	2477.28 N	7.75 W	2477.29@	359.82	0.60
11662.00	90.04	358.68	9285.81	95.00	2572.28	2572.27 N	9.16 W	2572.28@	359.80	1.24
11756.00	89.87	358.39	9285.88	94.00	2666.26	2666.23 N	11.56 W	2666.26@	359.75	0.36
11851.00	89.69	358.26	9286.24	95.00	2761.23	2761.19 N	14.34 W	2761.23@	359.70	0.23
11945.00	89.52	359.03	9286.89	94.00	2855.21	2855.16 N	16.56 W	2855.21@	359.67	0.84
12039.00	88.64	359.12	9288.40	94.00	2949.19	2949.14 N	18.08 W	2949.19@	359.65	0.94
12133.00	87.41	357.19	9291.64	94.00	3043.10	3043.03 N	21.11 W	3043.10@	359.60	2.43
12227.00	88.11	357.55	9295.31	94.00	3136.94	3136.86 N	25.42 W	3136.96@	359.54	0.84
12321.00	90.13	359.87	9296.76	94.00	3230.91	3230.81 N	27.53 W	3230.93@	359.51	3.27
12416.00	92.33	0.21	9294.72	95.00	3325.88	3325.78 N	27.46 W	3325.90@	359.53	2.34
12510.00	91.10	0.54	9291.91	94.00	3419.83	3419.74 N	26.85 W	3419.84@	359.55	1.36
12605.00	90.75	0.61	9290.37	95.00	3514.80	3514.72 N	25.90 W	3514.81@	359.58	0.38
12700.00	89.16	0.99	9290.45	95.00	3609.78	3609.71 N	24.57 W	3609.79@	359.61	1.72
12732.00	88.55	1.11	9291.09	32.00	3641.77	3641.69 N	23.98 W	3641.77@	359.62	1.94
12763.00	87.23	0.65	9292.23	31.00	3672.74	3672.67 N	23.51 W	3672.74@	359.63	4.51
12795.00	89.52	0.30	9293.14	32.00	3704.72	3704.65 N	23.24 W	3704.73@	359.64	7.24
12809.00	91.01	0.17	9293.07	14.00	3718.72	3718.65 N	23.18 W	3718.72@	359.64	10.68
12857.00	93.30	359.83	9291.27	48.00	3766.68	3766.61 N	23.18 W	3766.69@	359.65	4.82
12892.00	91.19	359.05	9289.90	35.00	3801.65	3801.58 N	23.53 W	3801.66@	359.65	6.43
12923.00	89.08	358.99	9289.82	31.00	3832.65	3832.58 N	24.06 W	3832.65@	359.64	6.81
12955.00	88.55	359.00	9290.48	32.00	3864.64	3864.57 N	24.62 W	3864.64@	359.64	1.66
13018.00	89.16	0.18	9291.74	63.00	3927.63	3927.55 N	25.07 W	3927.63@	359.63	2.11
13112.00	88.72	359.47	9293.48	94.00	4021.61	4021.53 N	25.36 W	4021.61@	359.64	0.89
13206.00	89.69	359.98	9294.79	94.00	4115.60	4115.52 N	25.81 W	4115.60@	359.64	1.17
13301.00	89.43	359.54	9295.52	95.00	4210.60	4210.52 N	26.20 W	4210.60@	359.64	0.54
13395.00	90.66	359.52	9295.44	94.00	4304.59	4304.51 N	26.98 W	4304.60@	359.64	1.31
13489.00	90.04	359.75	9294.87	94.00	4398.59	4398.51 N	27.57 W	4398.60@	359.64	0.70

PathFinder Energy Services, Inc.

Survey Report

YATES PETROLEUM CORPORATION
 BASILISK BQS STATE #1H
 LEA COUNTY, NM
 RIG:PATRIOT # 5

Page 07/07

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist (ft)	Dir (deg)	
13582.00	89.96	0.05	9294.87	93.00	4491.59	4491.51 N	27.74 W	4491.59@	359.65	0.33
13614.00	89.87	0.11	9294.92	32.00	4523.59	4523.51 N	27.69 W	4523.59@	359.65	0.34
STRAIGHT LINE PROJECTION TO BIT @ 13,665										
13665.00	89.87	0.11	9295.03	51.00	4574.59	4574.51 N	27.59 W	4574.59@	359.65	0.00

** The survey data at tie-in point was furnished by a recognized survey company and entered as submitted. Survey stations above the tie-in point represent recalculated data by PathFinder Energy Services, Inc. and may reflect minor changes due to rounding differences between survey programs. Only survey stations taken by qualified PathFinder personnel are subject to certification.

PathFinder Energy Services, Inc.

Magnetic & Grid Calculations

Yates Petroleum Corporation
Basilisk BQS State #1H
Lea County, NM
Rig: Patriot 5

Thu Oct 06 10:41:04 2011

Coordinates

Latitude: 32.167798 N (32 deg. 10 min. 4.0715 sec.)
Longitude: 103.630503 W (-103 deg. 37 min. 49.8092 sec.)
Elevation: 3583.50 feet.
Calculation Date: Oct/06/2011

Magnetic Calculations

Model: IGRF2010
Dip Angle: 60.1171 degrees
Total Magnetic Field: 0.48544 gauss
Magnetic Declination: 7.570604 degrees
Horizontal Intensity: 0.241859 gauss
To Convert a Magnetic Dir. to a TRUE North Dir. Add 7.570604 Degs

Transverse Mercator Grid Calculations NAD83

Grid System: Transverse Mercator: new mexico east
Ellipsoid: GRS80
X: 758811.3200 feet
Y: 425489.9200 feet
True to Grid: (convergence) -0.374201 degrees
Magnetic to Grid: 7.196403 degrees

To Convert a Magnetic Dir. to a GRID dir. Add 7.196403 Degs.

PathFinder Energy Services, Inc.

Magnetic & Grid Calculations

Field calculations

Sat Oct 08 08:37:13 2011

Coordinates

Latitude: 32.167798 N (32 deg. 10 min. 4.0715 sec.)
Longitude: 103.630503 W (-103 deg. 37 min. 49.8092 sec.)
Elevation: 3583.50 feet.
Calculation Date: Oct/08/2011

Magnetic Calculations

Model: IGRF2010
Dip Angle: 60.1170 degrees
Total Magnetic Field: 0.48543 gauss
Magnetic Declination: 7.569934 degrees
Horizontal Intensity: 0.241858 gauss
To Convert a Magnetic Dir. to a TRUE North Dir. Add 7.569934 Degs

Transverse Mercator Grid Calculations NAD83

Grid System: Transverse Mercator: new mexico east
Ellipsoid: GRS80
X: 758811.3200 feet
Y: 425489.9200 feet
True to Grid: (convergence) -0.374201 degrees
Magnetic to Grid: 7.195733 degrees
To Convert a Magnetic Dir. to a GRID dir. Add 7.195733 Degs.

MS ENERGY SERVICES
ODESSA, TEXAS

GYROSCOPIC DIRECTIONAL SURVEY
BY MINIMUM CURVATURE

FOR

* **YATES PETROLEUM** *

JOB NUMBER: SVCO 111233

WELL NAME: BASILISK BQS STATE COM #1H

LOCATION: LEA COUNTY, NEW MEXICO

SURVEY DATE: OCTOBER 11,2011

SURVEY ENGINEER: S. SMITH

MAGNETIC DECLINATION: 07.25 GRID NORTH

GYRO REFERENCE BEARING: GRID NORTH

SURF. ELEVATION: 27

***** THIS DIRECTIONAL SURVEY REPORT IS ****
** CORRECT TO THE BEST OF MY KNOWLEDGE **
* AND IS SUPPORTED BY ACTUAL FIELD DATA! *
**
COMMENTS: PATRIOT 5 **
RKB 27' **
TBUSSELL@YATESPETROLEUM.COM** **
MIKEL@YATESPETROLEUM.COM **
** COMPANY REPRESENTATIVE **

MS ENERGY SERVICES
ODESSA, TEXAS

JOB NUMBER: SVCO 111233

WELL NAME: BASILISK BQS STATE COM #1H

INRUN SURVEY
BY MINIMUM CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	L/R CLOS.	INCL	BEARING AZIMUTH	COORDINATES		D-LEG /30	D-LEG /CL	STATION DISPLACEMENT	
						LATITUDE	DEPARTURE			DISP.	DIRECTION
0.0	0.00	0.00	0.000	00.00	000.00	0.00 N	0.00 E	0.00		0.00	AT 000.00
100.0	100.00	-0.07	0.208	00.25	266.99	0.01 S	0.22 W	0.08	0.25	0.22	AT 266.99
200.0	200.00	-0.03	0.608	00.25	221.29	0.19 S	0.58 W	0.06	0.19	0.61	AT 252.14
300.0	300.00	-0.14	0.781	00.25	344.59	0.14 S	0.78 W	0.13	0.44	0.79	AT 259.81
400.0	400.00	-0.53	0.628	00.25	016.88	0.28 N	0.78 W	0.04	0.14	0.82	AT 289.75
500.0	500.00	-0.29	0.381	00.50	144.18	0.13 N	0.46 W	0.20	0.68	0.48	AT 286.28
600.0	599.99	0.38	-0.094	00.50	103.48	0.32 S	0.22 E	0.10	0.35	0.39	AT 145.39
700.0	699.99	1.25	-0.632	00.75	143.78	0.95 S	1.03 E	0.15	0.49	1.40	AT 132.65
800.0	799.97	2.94	-0.549	01.25	173.07	2.56 S	1.55 E	0.21	0.70	3.00	AT 148.81
900.0	899.94	5.53	-0.211	01.75	162.38	5.10 S	2.15 E	0.17	0.57	5.53	AT 157.19
1000.0	999.88	8.79	0.000	02.00	163.67	8.23 S	3.10 E	0.08	0.25	8.79	AT 159.37

 * THE HORIZONTAL DISPLACEMENT AT THE DEPTH OF *
 * 1000.00 FEET EQUALS 8.79 FEET AT 159.37 *

FEB 01 2012



Job Number: SVCO-111233
 Company: Yates Petroleum Corporation
 Lease/Well: BASILISK BQS STATE COM 1H
 Location: Lea County, NM
 Rig Name: Patriot #5
 RKB: 27'
 G.L. or M.S.L.: GL

State/Country: New Mexico/USA
 Declination: 7.25°
 Grid: East To Grid
 File name: F:\SURVEY\2011SU-1\YATES\BASIL1H.SVY
 Date/Time: 11-Oct-11 / 16:30
 Curve Name: Surface - 1000' M.D. (Gyroscopic)

RECEIVED

SUR: N-36-24s-32e, 330/S & 1980/W
 BHL: C-36-24s-32e, 4905/S & 1952/W
 API # 30-025-40054

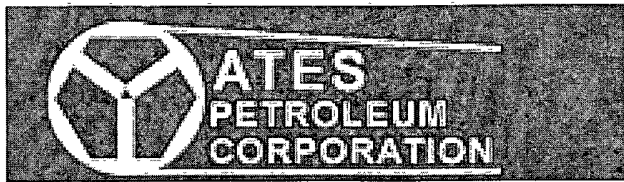
MS Survey

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 359.71
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

We hereby certify that our survey data from
 Surface MD to 1000 MD is, to the best of
 our knowledge a true and accurate account of the
 well bore.
 Dana Jutte 10/12/11
 MS Energy Services Date

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
100.00	.25	266.99	100.00	-.01	-.22	-.01	.22	266.99	.25
200.00	.25	221.29	200.00	-.19	-.58	-.18	.61	252.14	.19
300.00	.25	344.59	300.00	-.14	-.78	-.14	.79	259.81	.44
400.00	.25	16.88	400.00	.28	-.78	.28	.82	289.75	.14
500.00	.50	144.18	500.00	.13	-.46	.14	.48	286.28	.68
600.00	.50	103.48	599.99	-.32	.22	-.32	.39	145.39	.35
700.00	.75	143.78	699.99	-.95	1.03	-.96	1.40	132.65	.49
800.00	1.25	173.07	799.97	-2.56	1.55	-2.57	3.00	148.81	.70
900.00	1.75	162.38	899.94	-5.10	2.15	-5.11	5.53	157.19	.57

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
Last Survey Depth Recorded									
1000.00	2.00	163.67	999.88	-8.23	3.10	-8.25	8.79	159.37	.25



Yates Petroleum Corp.

Lea County
Basilisk BQS State
#1H
OH

Design: OH

Pathfinder X & Y Report

31 October, 2011

HOBBS OCD

FEB 01 2012

RECEIVED

SUR: N-36-24s-32e, 330/S & 1980/W
BHL: C-36-24s-32e, 4905/S & 1952/W
API # 30-025-40054

PATHFINDER[®]

A Schlumberger Company



Smith International, Inc.
Pathfinder X & Y Report



Company: Yates Petroleum Corp.	Local Co-ordinate Reference: Well #1H
Project: Lea County	TVD Reference: RKB-26.5 @ 3583.5usft (Patriot #5)
Site: Basilisk BQS State	MD Reference: RKB-26.5 @ 3583.5usft (Patriot #5)
Well: #1H	North Reference: Grid
Wellbore: OH	Survey Calculation Method: Minimum Curvature
Design: OH	Database: EDM 5000.1 Single User Db

Project Lea County	
Map System: US State Plane 1983	System Datum: Mean Sea Level
Geo Datum: North American Datum 1983	
Map Zone: New Mexico Eastern Zone	

Site Basilisk BQS State		
Site Position:	Northing: 425,489.920 usft	Latitude: 32° 10' 4.071 N
From: Map	Easting: 758,811.320 usft	Longitude: 103° 37' 49.809 W
Position Uncertainty: 0.0 usft	Slot Radius: 13-3/16 "	Grid Convergence: 0.37 °

Well #1H		
Well Position +N-S 0.0 usft	Northing: 425,489.920 usft	Latitude: 32° 10' 4.071 N
+E-W 0.0 usft	Easting: 758,811.320 usft	Longitude: 103° 37' 49.809 W
Position Uncertainty 0.0 usft	Wellhead Elevation: usft	Ground Level: 3,557.0 usft

Wellbore OH					
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	IGRF200510	10/6/2011	(°) 7.56	(°) 60.14	(nT) 48,582

Design OH				
Audit Notes:				
Version: 1.0	Phase: ACTUAL	Tie On Depth: 0.0		
Vertical Section:	Depth From (TVD)	+N-S	+E-W	Direction
	(usft)	(usft)	(usft)	(°)
	0.0	0.0	0.0	359.71



Smith International, Inc.
Pathfinder X & Y Report



Company: Yates Petroleum Corp.	Local Co-ordinate Reference: Well #1H
Project: Lea County	TVD Reference: RKB-26.5 @ 3583.5usft (Patnot #5)
Site: Basilisk BQS State	MD Reference: RKB-26.5 @ 3583.5usft (Patnot #5)
Well: #1H	North Reference: Grid
Wellbore: OH	Survey Calculation Method: Minimum Curvature
Design: OH	Database: EDM 5000.1 Single User Db

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
100.0	1,000.0	Gyro #1 (OH)	NS-GYRO-MS	North sensing gyrocompassing m/s
1,129.0	13,665.0	MWD #1 (OH)	MWD	MWD - Standard

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V-Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
0.0	0.00	0.00	0.0	-3,583.5	0.0	0.0	0.0	0.00	425,489.92	758,811.32
100.0	0.25	266.99	100.0	-3,483.5	0.0	-0.2	0.0	0.25	425,489.91	758,811.10
200.0	0.25	221.29	200.0	-3,383.5	-0.2	-0.6	-0.2	0.19	425,489.73	758,810.74
300.0	0.25	344.59	300.0	-3,283.5	-0.1	-0.8	-0.1	0.44	425,489.78	758,810.54
400.0	0.25	16.88	400.0	-3,183.5	0.3	-0.8	0.3	0.14	425,490.20	758,810.54
500.0	0.50	144.18	500.0	-3,083.5	0.1	-0.5	0.1	0.68	425,490.05	758,810.86
600.0	0.50	103.48	600.0	-2,983.5	-0.3	0.2	-0.3	0.35	425,489.60	758,811.54
700.0	0.75	143.78	700.0	-2,883.5	-1.0	1.0	-1.0	0.49	425,488.97	758,812.35
800.0	1.25	173.07	800.0	-2,783.5	-2.6	1.6	-2.6	0.70	425,487.36	758,812.87
900.0	1.75	162.38	899.9	-2,683.6	-5.1	2.1	-5.1	0.57	425,484.82	758,813.47
1,000.0	2.00	163.67	999.9	-2,583.6	-8.2	3.1	-8.2	0.25	425,481.69	758,814.42
1,129.0	2.37	198.70	1,128.8	-2,454.7	-12.9	2.9	-12.9	1.06	425,477.00	758,814.20
1,224.0	1.23	207.28	1,223.7	-2,359.8	-15.7	1.8	-15.7	1.23	425,474.24	758,813.10
1,318.0	0.97	285.68	1,317.7	-2,265.8	-16.4	0.6	-16.4	1.49	425,473.55	758,811.87
1,414.0	1.06	285.53	1,413.7	-2,169.8	-15.9	-1.1	-15.9	0.09	425,474.01	758,810.23
1,509.0	0.88	291.75	1,508.7	-2,074.8	-15.4	-2.6	-15.4	0.22	425,474.52	758,808.71
1,604.0	0.97	288.06	1,603.7	-1,979.8	-14.9	-4.1	-14.9	0.11	425,475.04	758,807.27
1,699.0	0.79	278.72	1,698.7	-1,884.8	-14.5	-5.5	-14.5	0.24	425,475.39	758,805.85
1,792.0	0.97	278.03	1,791.7	-1,791.8	-14.3	-6.9	-14.3	0.19	425,475.59	758,804.44
1,887.0	0.62	282.11	1,886.7	-1,696.8	-14.1	-8.2	-14.1	0.37	425,475.81	758,803.14
1,981.0	0.53	358.42	1,980.7	-1,602.8	-13.6	-8.7	-13.5	0.76	425,476.35	758,802.63



Smith International, Inc.
Pathfinder X & Y Report



Company:	Yates Petroleum Corp.	Local Co-ordinate Reference:	Well #1H
Project:	Lea County	TVD Reference:	RKB-26.5 @ 3583.5usft. (Patriot #5)
Site:	Basilisk BQS State	MD Reference:	RKB-26.5 @ 3583.5usft. (Patriot #5)
Well:	#1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey												
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)		
2,075.0	0.62	353.45	2,074.6	-1,508.9	-12.6	-8.8	-12.6	0.11	425,477.29	758,802.56		
2,169.0	0.62	340.03	2,168.6	-1,414.9	-11.6	-9.0	-11.6	0.15	425,478.28	758,802.33		
2,264.0	0.53	337.31	2,263.6	-1,319.9	-10.8	-9.3	-10.7	0.10	425,479.17	758,801.99		
2,359.0	0.53	339.55	2,358.6	-1,224.9	-9.9	-9.7	-9.9	0.02	425,479.98	758,801.66		
2,453.0	0.44	331.89	2,452.6	-1,130.9	-9.2	-10.0	-9.2	0.12	425,480.71	758,801.34		
2,548.0	0.18	294.68	2,547.6	-1,035.9	-8.8	-10.3	-8.8	0.33	425,481.09	758,801.03		
2,642.0	0.18	300.72	2,641.6	-941.9	-8.7	-10.5	-8.6	0.02	425,481.23	758,800.77		
2,737.0	0.18	315.27	2,736.6	-846.9	-8.5	-10.8	-8.5	0.05	425,481.41	758,800.54		
2,831.0	0.18	110.90	2,830.6	-752.9	-8.5	-10.7	-8.4	0.37	425,481.46	758,800.57		
2,921.0	0.26	141.09	2,920.6	-662.9	-8.7	-10.5	-8.6	0.15	425,481.25	758,800.83		
3,019.0	0.18	126.13	3,018.6	-564.9	-8.9	-10.2	-8.9	0.10	425,480.99	758,801.10		
3,113.0	0.26	124.54	3,112.6	-470.9	-9.1	-9.9	-9.1	0.09	425,480.78	758,801.39		
3,208.0	0.53	125.66	3,207.6	-375.9	-9.5	-9.4	-9.5	0.28	425,480.40	758,801.93		
3,302.0	0.53	123.11	3,301.6	-281.9	-10.0	-8.7	-10.0	0.03	425,479.91	758,802.64		
3,396.0	0.44	146.58	3,395.6	-187.9	-10.5	-8.1	-10.5	0.23	425,479.37	758,803.21		
3,491.0	0.44	168.20	3,490.6	-92.9	-11.2	-7.8	-11.2	0.17	425,478.71	758,803.48		
3,585.0	1.14	80.53	3,584.6	1.1	-11.4	-6.8	-11.4	1.28	425,478.51	758,804.48		
3,680.0	2.02	78.64	3,679.6	96.1	-10.9	-4.3	-10.9	0.93	425,479.00	758,807.05		
3,774.0	2.02	70.76	3,773.5	190.0	-10.0	-1.1	-10.0	0.30	425,479.87	758,810.24		
3,869.0	1.06	72.73	3,868.5	285.0	-9.2	1.3	-9.2	1.01	425,480.68	758,812.66		
3,962.0	0.88	82.27	3,961.5	378.0	-8.9	2.9	-8.9	0.26	425,481.04	758,814.19		
4,057.0	0.79	105.37	4,056.5	473.0	-9.0	4.2	-9.0	0.36	425,480.96	758,815.54		
4,152.0	0.97	108.59	4,151.4	567.9	-9.4	5.6	-9.4	0.20	425,480.53	758,816.94		
4,247.0	1.85	110.68	4,246.4	662.9	-10.2	7.8	-10.2	0.93	425,479.73	758,819.14		
4,343.0	2.64	105.73	4,342.3	758.8	-11.3	11.4	-11.4	0.85	425,478.59	758,822.71		
4,438.0	1.67	101.09	4,437.3	853.8	-12.2	14.9	-12.3	1.04	425,477.73	758,826.18		
4,532.0	1.58	109.86	4,531.2	947.7	-12.9	17.4	-13.0	0.28	425,477.02	758,828.74		



Smith International, Inc.
Pathfinder X & Y Report



Company: Yates Petroleum Corp.	Local Co-ordinate Reference: Well #1H
Project: Lea County	TVD Reference: RKB-26.5 @ 3583.5usft (Patriot #5)
Site: Basilisk BQS State	MD Reference: RKB-26.5 @ 3583.5usft (Patriot #5)
Well: #1H	North Reference: Grid
Wellbore: OH	Survey Calculation Method: Minimum Curvature
Design: OH	Database: EDM 5000.1 Single User Db

MD (usft)	Inc (°)	Azl (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (%/100usft)	Northing (usft)	Easting (usft)
4,627.0	1.85	110.87	4,626.2	1,042.7	-13.9	20.1	-14.0	0.29	425,476.03	758,831.41
4,722.0	1.67	109.50	4,721.1	1,137.6	-14.9	22.8	-15.0	0.19	425,475.02	758,834.14
4,766.0	1.67	111.24	4,765.1	1,181.6	-15.3	24.0	-15.5	0.12	425,474.58	758,835.34
4,912.0	0.88	112.75	4,911.1	1,327.6	-16.5	27.0	-16.7	0.54	425,473.37	758,838.36
5,006.0	0.61	114.79	5,005.1	1,421.6	-17.0	28.2	-17.2	0.29	425,472.88	758,839.48
5,195.0	0.62	106.81	5,194.1	1,610.6	-17.8	30.1	-17.9	0.05	425,472.17	758,841.37
5,290.0	0.44	254.44	5,289.1	1,705.6	-18.0	30.2	-18.2	1.07	425,471.92	758,841.51
5,384.0	0.35	269.24	5,383.1	1,799.6	-18.1	29.6	-18.2	0.14	425,471.82	758,840.88
5,478.0	0.44	263.08	5,477.1	1,893.6	-18.1	28.9	-18.3	0.11	425,471.77	758,840.23
5,572.0	0.53	293.07	5,571.1	1,987.6	-18.0	28.2	-18.2	0.28	425,471.90	758,839.48
5,666.0	0.62	305.51	5,665.0	2,081.5	-17.6	27.3	-17.7	0.16	425,472.36	758,838.66
5,761.0	0.79	286.51	5,760.0	2,176.5	-17.1	26.3	-17.2	0.30	425,472.85	758,837.62
5,855.0	0.79	286.74	5,854.0	2,270.5	-16.7	25.1	-16.8	0.00	425,473.22	758,836.37
5,949.0	0.88	296.65	5,948.0	2,364.5	-16.2	23.8	-16.3	0.18	425,473.73	758,835.11
6,043.0	0.88	289.89	6,042.0	2,458.5	-15.6	22.5	-15.7	0.11	425,474.30	758,833.78
6,138.0	0.97	296.80	6,137.0	2,553.5	-15.0	21.1	-15.1	0.15	425,474.91	758,832.38
6,232.0	0.79	287.84	6,231.0	2,647.5	-14.5	19.7	-14.6	0.24	425,475.47	758,831.05
6,327.0	0.97	293.21	6,326.0	2,742.5	-13.9	18.4	-14.0	0.21	425,475.98	758,829.69
6,421.0	0.88	290.03	6,420.0	2,836.5	-13.4	17.0	-13.5	0.11	425,476.55	758,828.28
6,515.0	0.79	288.24	6,514.0	2,930.5	-12.9	15.7	-13.0	0.10	425,477.00	758,826.99
6,609.0	0.88	287.26	6,607.9	3,024.4	-12.5	14.4	-12.6	0.10	425,477.41	758,825.68
6,704.0	0.62	300.65	6,702.9	3,119.4	-12.0	13.2	-12.1	0.33	425,477.89	758,824.54
6,797.0	0.70	297.24	6,795.9	3,212.4	-11.5	12.3	-11.6	0.10	425,478.41	758,823.61
6,891.0	0.62	295.93	6,889.9	3,306.4	-11.0	11.3	-11.1	0.09	425,478.89	758,822.64
6,986.0	0.68	296.71	6,984.9	3,401.4	-10.5	10.4	-10.6	0.06	425,479.37	758,821.67
7,080.0	0.79	354.55	7,078.9	3,495.4	-9.7	9.8	-9.7	0.76	425,480.27	758,821.11
7,269.0	0.53	338.33	7,267.9	3,684.4	-7.5	9.3	-7.6	0.17	425,482.38	758,820.67



Smith International, Inc.
Pathfinder X & Y Report



Company: Yates Petroleum Corp.	Local Co-ordinate Reference: Well #1H
Project: Lea County	TVD Reference: RKB-26.5 @ 3583.5usft (Patriot #5)
Site: Basilisk BQS State	MD Reference: RKB-26.5 @ 3583.5usft (Patriot #5)
Well: #1H	North Reference: Grid
Wellbore: OH	Survey Calculation Method: Minimum Curvature
Design: OH	Database: EDM 5000.1 Single User Db

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (%/100usft)	Northing (usft)	Easting (usft)
7,363.0	0.35	316.11	7,361.9	3,778.4	-6.9	9.0	-7.0	0.26	425,482.99	758,820.31
7,457.0	0.35	331.21	7,455.9	3,872.4	-6.5	8.6	-6.5	0.10	425,483.45	758,819.97
7,552.0	0.18	312.15	7,550.9	3,967.4	-6.1	8.4	-6.2	0.20	425,483.80	758,819.72
7,646.0	0.53	295.58	7,644.9	4,061.4	-5.8	7.9	-5.9	0.38	425,484.09	758,819.22
7,741.0	0.62	278.08	7,739.9	4,156.4	-5.6	7.0	-5.6	0.21	425,484.35	758,818.31
7,835.0	0.44	270.15	7,833.9	4,250.4	-5.5	6.1	-5.5	0.21	425,484.42	758,817.45
7,930.0	0.62	267.54	7,928.9	4,345.4	-5.5	5.2	-5.5	0.19	425,484.40	758,816.57
8,024.0	0.44	263.79	8,022.9	4,439.4	-5.6	4.4	-5.6	0.19	425,484.34	758,815.70
8,119.0	0.09	251.64	8,117.9	4,534.4	-5.6	3.9	-5.7	0.37	425,484.28	758,815.27
8,214.0	0.26	265.73	8,212.9	4,629.4	-5.7	3.7	-5.7	0.18	425,484.24	758,814.98
8,308.0	0.18	229.86	8,306.9	4,723.4	-5.8	3.3	-5.8	0.17	425,484.13	758,814.66
8,402.0	0.18	199.85	8,400.9	4,817.4	-6.0	3.2	-6.0	0.10	425,483.89	758,814.49
8,497.0	0.35	202.35	8,495.9	4,912.4	-6.4	3.0	-6.5	0.18	425,483.48	758,814.33
8,592.0	0.53	183.83	8,590.9	5,007.4	-7.1	2.9	-7.2	0.24	425,482.78	758,814.19
8,686.0	0.62	201.03	8,684.9	5,101.4	-8.1	2.7	-8.1	0.21	425,481.87	758,813.98
8,757.0	0.70	204.55	8,755.9	5,172.4	-8.8	2.3	-8.8	0.13	425,481.11	758,813.66
8,816.0	1.06	329.81	8,814.8	5,231.3	-8.7	1.9	-8.7	2.66	425,481.26	758,813.24
8,848.0	4.92	349.18	8,846.8	5,263.3	-7.1	1.5	-7.1	12.29	425,482.86	758,812.83
KOP - 8848.0 MD, 8846.8 TVD, -7.1 N, 1.5 E										
8,879.0	9.50	351.33	8,877.5	5,294.0	-3.2	0.9	-3.2	14.81	425,486.70	758,812.20
8,910.0	14.25	353.56	8,907.9	5,324.4	3.1	0.1	3.1	15.39	425,493.02	758,811.38
8,942.0	18.11	353.14	8,938.6	5,355.1	12.0	-1.0	12.0	12.07	425,501.88	758,810.35
8,974.0	21.63	352.47	8,968.7	5,385.2	22.7	-2.3	22.8	11.02	425,512.67	758,808.98
9,005.0	25.15	353.00	8,997.1	5,413.6	35.0	-3.9	35.0	11.38	425,524.87	758,807.43
9,037.0	28.31	353.93	9,025.7	5,442.2	49.3	-5.5	49.3	9.96	425,539.17	758,805.80
9,068.0	31.13	355.45	9,052.6	5,469.1	64.6	-6.9	64.6	9.42	425,554.47	758,804.38
9,100.0	34.29	356.94	9,079.6	5,496.1	81.8	-8.1	81.8	10.19	425,571.72	758,803.25



Smith International, Inc.
Pathfinder X & Y Report



Company: Yates Petroleum Corp.
Project: Lea County
Site: Basilisk BQS State
Well: #1H
Wellbore: OH
Design: OH

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #1H
RKB-26.5 @ 3583.5usft (Patriot #5)
RKB-26.5 @ 3583.5usft (Patriot #5)
Grid:
Minimum Curvature
EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
9,132.0	37.99	357.53	9,105.4	5,521.9	100.7	-9.0	100.7	11.61	425,590.57	758,802.34
9,164.0	41.33	358.19	9,130.0	5,546.5	121.1	-9.7	121.1	10.52	425,610.98	758,801.58
9,195.0	45.20	358.14	9,152.6	5,569.1	142.3	-10.4	142.3	12.48	425,632.21	758,800.90
9,227.0	49.07	358.16	9,174.4	5,590.9	165.7	-11.2	165.8	12.09	425,655.65	758,800.14
9,259.0	52.85	358.66	9,194.5	5,611.0	190.6	-11.9	190.6	11.87	425,680.49	758,799.46
9,291.0	56.45	359.22	9,213.0	5,629.5	216.7	-12.3	216.7	11.34	425,706.58	758,798.98
9,321.0	60.41	359.37	9,228.7	5,645.2	242.2	-12.7	242.3	13.21	425,732.13	758,798.66
9,353.0	64.19	358.91	9,243.6	5,660.1	270.5	-13.1	270.6	11.88	425,760.45	758,798.24
9,385.0	68.06	358.01	9,256.6	5,673.1	299.8	-13.9	299.8	12.36	425,789.70	758,797.45
9,416.0	72.55	357.75	9,267.0	5,683.5	328.9	-15.0	329.0	14.51	425,818.86	758,796.37
9,448.0	77.12	358.04	9,275.4	5,691.9	359.8	-16.1	359.9	14.31	425,849.72	758,795.23
9,480.0	82.22	358.94	9,281.1	5,697.6	391.3	-16.9	391.3	16.18	425,881.17	758,794.41
9,508.0	86.17	0.79	9,283.9	5,700.4	419.1	-17.0	419.2	15.56	425,909.02	758,794.34
9,540.0	87.14	0.94	9,285.8	5,702.3	451.0	-16.5	451.1	3.07	425,940.97	758,794.82
9,572.0	86.79	0.93	9,287.5	5,704.0	483.0	-16.0	483.1	1.09	425,972.92	758,795.35
9,604.0	87.76	0.93	9,289.0	5,705.5	515.0	-15.5	515.0	3.03	426,004.88	758,795.86
9,667.0	90.31	1.16	9,290.1	5,706.6	578.0	-14.3	578.0	4.06	426,067.87	758,797.01
LP - 9667.0 MD, 9290.1 TVD, 578.0 N, -14.3 E										
9,762.0	90.57	1.81	9,289.3	5,705.8	672.9	-11.8	672.9	0.74	426,162.82	758,799.48
9,858.0	90.13	1.81	9,288.8	5,705.3	768.8	-8.8	768.9	0.46	426,258.77	758,802.51
9,953.0	89.34	1.58	9,289.2	5,705.7	863.8	-6.0	863.8	0.87	426,353.72	758,805.32
10,048.0	90.13	2.04	9,289.6	5,706.1	958.8	-3.0	958.8	0.96	426,448.67	758,808.32
10,143.0	90.13	2.09	9,289.4	5,705.9	1,053.7	0.4	1,053.7	0.05	426,543.61	758,811.74
10,238.0	91.01	1.23	9,288.5	5,705.0	1,148.6	3.2	1,148.6	1.30	426,638.56	758,814.49
10,334.0	90.57	1.62	9,287.2	5,703.7	1,244.6	5.6	1,244.6	0.61	426,734.52	758,816.88
10,429.0	91.54	0.54	9,285.4	5,701.9	1,339.6	7.4	1,339.5	1.53	426,829.49	758,818.67
10,524.0	90.40	0.44	9,283.8	5,700.3	1,434.5	8.2	1,434.5	1.20	426,924.47	758,819.48



Smith International, Inc.
Pathfinder X & Y Report



Company: Yates Petroleum Corp.
Project: Lea County
Site: Basilisk, BQS State
Well: #1H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #1H
TVD Reference: RKB-26.5 @ 3583.5usft (Patriot #5)
MD Reference: RKB-26.5 @ 3583.5usft (Patriot #5)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000:1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
10,619.0	89.96	358.88	9,283.5	5,700.0	1,529.5	7.6	1,529.5	1.71	427,019.46	758,818.92
10,714.0	89.96	359.37	9,283.6	5,700.1	1,624.5	6.1	1,624.5	0.52	427,114.45	758,817.47
10,808.0	89.87	359.33	9,283.7	5,700.2	1,718.5	5.1	1,718.5	0.10	427,208.45	758,816.40
10,903.0	88.99	358.64	9,284.6	5,701.1	1,813.5	3.4	1,813.5	1.18	427,303.42	758,814.72
10,999.0	88.11	358.49	9,287.1	5,703.6	1,909.4	1.0	1,909.4	0.93	427,399.36	758,812.32
11,093.0	88.81	359.05	9,289.6	5,706.1	2,003.4	-1.0	2,003.4	0.95	427,493.31	758,810.30
11,187.0	89.16	358.58	9,291.3	5,707.8	2,097.4	-3.0	2,097.3	0.62	427,587.27	758,808.36
11,281.0	91.01	359.70	9,291.1	5,707.6	2,191.3	-4.4	2,191.3	2.30	427,681.25	758,806.94
11,375.0	91.10	359.27	9,289.4	5,705.9	2,285.3	-5.2	2,285.3	0.47	427,775.23	758,806.10
11,470.0	90.84	359.04	9,287.8	5,704.3	2,380.3	-6.6	2,380.3	0.37	427,870.21	758,804.70
11,567.0	90.75	359.62	9,286.4	5,702.9	2,477.3	-7.8	2,477.3	0.61	427,967.19	758,803.56
11,662.0	90.04	358.68	9,285.8	5,702.3	2,572.3	-9.2	2,572.3	1.24	428,062.18	758,802.16
11,756.0	89.87	358.39	9,285.9	5,702.4	2,666.2	-11.6	2,666.3	0.36	428,156.15	758,799.75
11,851.0	89.69	358.26	9,286.2	5,702.7	2,761.2	-14.3	2,761.2	0.23	428,251.11	758,796.98
11,945.0	89.52	359.03	9,286.9	5,703.4	2,855.2	-16.6	2,855.2	0.84	428,345.08	758,794.75
12,039.0	88.64	359.12	9,288.4	5,704.9	2,949.1	-18.1	2,949.2	0.94	428,439.05	758,793.24
12,133.0	87.41	357.19	9,291.6	5,708.1	3,043.0	-21.1	3,043.1	2.43	428,532.94	758,790.21
12,227.0	88.11	357.55	9,295.3	5,711.8	3,136.8	-25.4	3,136.9	0.84	428,626.77	758,785.90
12,321.0	90.13	359.87	9,296.7	5,713.2	3,230.8	-27.5	3,230.9	3.27	428,720.72	758,783.79
12,416.0	92.33	0.21	9,294.7	5,711.2	3,325.8	-27.5	3,325.9	2.34	428,815.69	758,783.85
12,510.0	91.10	0.54	9,291.9	5,708.4	3,419.7	-26.9	3,419.8	1.35	428,909.65	758,784.47
12,605.0	90.75	0.61	9,290.4	5,706.9	3,514.7	-25.9	3,514.8	0.38	429,004.63	758,785.42
12,700.0	89.16	0.99	9,290.4	5,706.9	3,609.7	-24.6	3,609.8	1.72	429,099.62	758,786.75
12,732.0	88.55	1.11	9,291.1	5,707.6	3,641.7	-24.0	3,641.8	1.94	429,131.61	758,787.33
12,763.0	87.23	0.65	9,292.2	5,708.7	3,672.7	-23.5	3,672.7	4.51	429,162.58	758,787.81
12,795.0	89.52	0.30	9,293.1	5,709.6	3,704.6	-23.2	3,704.7	7.24	429,194.56	758,788.07
12,809.0	91.01	0.17	9,293.1	5,709.6	3,718.6	-23.2	3,718.7	10.68	429,208.56	758,788.13



Smith International, Inc.
Pathfinder X & Y Report



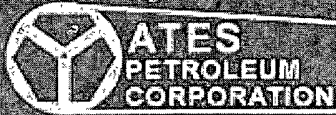
Company: Yates Petroleum Corp.	Local Co-ordinate Reference: Well #1H
Project: Lea County	TVD Reference: RKB-26.5 @ 3583.5usft (Patriot #5)
Site: Basilisk BQS State	MD Reference: RKB-26.5 @ 3583.5usft (Patriot #5)
Well: #1H	North Reference: Grid
Wellbore: OH	Survey Calculation Method: Minimum Curvature
Design: OH	Database: EDM:5000.1 Single User Db

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
12,857.0	93.30	359.83	9,291.3	5,707.8	3,766.6	-23.2	3,766.7	4.82	429,256.53	758,788.13
12,892.0	91.19	359.05	9,289.9	5,706.4	3,801.6	-23.5	3,801.6	6.43	429,291.49	758,787.79
12,923.0	89.08	358.99	9,289.8	5,706.3	3,832.6	-24.1	3,832.6	6.81	429,322.49	758,787.26
12,955.0	88.55	359.00	9,290.5	5,707.0	3,864.6	-24.6	3,864.6	1.66	429,354.48	758,786.70
13,018.0	89.16	0.18	9,291.7	5,708.2	3,927.5	-25.1	3,927.6	2.11	429,417.46	758,786.25
13,112.0	88.72	359.47	9,293.5	5,710.0	4,021.5	-25.4	4,021.6	0.89	429,511.44	758,785.96
13,206.0	89.69	359.98	9,294.8	5,711.3	4,115.5	-25.8	4,115.6	1.17	429,605.43	758,785.51
13,301.0	89.43	359.54	9,295.5	5,712.0	4,210.5	-26.2	4,210.6	0.54	429,700.43	758,785.11
13,395.0	90.66	359.52	9,295.4	5,711.9	4,304.5	-27.0	4,304.6	1.31	429,794.42	758,784.34
13,489.0	90.04	359.75	9,294.9	5,711.4	4,398.5	-27.6	4,398.6	0.70	429,888.42	758,783.74
13,582.0	89.96	0.05	9,294.9	5,711.4	4,491.5	-27.7	4,491.6	0.33	429,981.42	758,783.58
13,614.0	89.87	0.11	9,294.9	5,711.4	4,523.5	-27.7	4,523.6	0.34	430,013.42	758,783.62
13,665.0	89.87	0.11	9,295.0	5,711.5	4,574.5	-27.6	4,574.6	0.00	430,064.42	758,783.72

BHL - 13206.0 'MD, 9294.8 'TVD, 4115.5 'N, -25.8 'E

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
8,848.0	8,846.8	-7.1	1.5	KOP - 8848.0 'MD, 8846.8 'TVD, -7.1 'N, 1.5 'E
9,667.0	9,290.1	578.0	-14.3	LP - 9667.0 'MD, 9290.1 'TVD, 578.0 'N, -14.3 'E
13,665.0	9,295.0	4,574.5	-27.6	BHL - 13206.0 'MD, 9294.8 'TVD, 4115.5 'N, -25.8 'E

Checked By: _____ Approved By: _____ Date: _____



Project: Lea County
 Site: Basilisk BQS Stat
 Well: #1H
 Wellbore: OH
 Plan: Plan #2 (#1H/OH)



Azimuths to Grid North
 True North: -0.37°
 Magnetic North: 7.19°

Magnetic Field
 Strength: 48581.8nT
 Dip Angle: 60.14°
 Date: 10/6/2011
 Model: IGRF200510



A Schlumberger Company

West(-)/East(+) (200 usft/in)

PROJECT DETAILS: Lea County
 Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: New Mexico Eastern Zone
 System Datum: Mean Sea Level
 Local North: Grid

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Diag	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	8812.5	0.00	0.00	8812.5	0.0	0.0	0.00	0.00	0.0	
3	9562.5	90.00	359.71	9290.0	477.5	-2.4	12.00	359.71	477.5	
4	13704.4	90.00	359.71	9290.0	4619.3	-23.1	0.00	0.00	4619.4	BHL (BasiliskST#1H)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
BHL (BasiliskST#1H)	9290.0	4619.3	-23.1	430109.220	758788.190	Point

WELL DETAILS #1H							
Ground Elevation		3557.0					
RKB Elevation		RKB-26.5 @ 3583.5usft (Patriot #5)					
Rig Name		Patriot #5					
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slo	
0.0	0.0	425469.920	758811.320	32°10'4.071"N	103°37'49.809"W		

