

S

April 2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

1. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other		2. Name of Operator Yates Petroleum Corporation		7. Unit or CA Agreement Name and No. NMNM14028					
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Other:		3. Address 105 S. 4th Str., Artesia, NM 88210		8. Lease Name and Well No. Frisbee BIF Federal Com #1					
3a. Phone No. (include area code) 505-748-1471		4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 660'FSL & 660'FEL (Unit P, SESE) At top prod. Interval reported below Same as above At total depth 660'FNL & 778'FEL (Unit A, NENE)		9. API Well No. 30-005-63810					
14. Date Spudded RH 2/28/06 RT 3/27/06		15. Date T.D. Reached 5/28/06		16. Date Completed 10/19/06 ☐ D & A ☒ Ready to Prod.					
18. Total Depth: MD 9550' TVD NA		19. Plug Back T.D.: MD 9506' TVD NA		20. Depth Bridge Plug Set: MD NA TVD NA					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL, Hi-Res Laterolog Array, Borehole Compensated Sonic, CBL		22. Was Well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit report) Directional Survey? ☒ No ☐ Yes (Submit copy)							
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	State Cementer Depth	No. of Skis & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	20"	Conductor	Surface	40'				Surface	
12-1/4"	13-3/8"	48#	Surface	430'		520 sx		Surface	
8-3/4"	9-5/8"	36#	Surface	1500'		700 sx		Surface	
6-3/4"	7"	26#	Surface	5805'		750 sx		Surface	
6-3/4"	4-1/2"	11.6#, 13.5#	Surface	9550'		305 sx		2750' CBL	
24. Tubing Record						26. Perforation Record			
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-3/8"	5245'								
25. Producing Intervals						26. Perforation Record			
Formation		Top		Bottom		Perforated Interval	Size	No. Holes	Perf. Status
A) Wolfcamp		6000'		9494'		SEE ATTACHED SHEET			
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval		Amount and Type of Material							
		SEE ATTACHED SHEET							
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/20/06	11/14/06	24	⇒	0	428	21	NA	NA	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
NA	90 psi	480 psi	⇒	0	428	21	NA	Producing	
28a. Production-Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			⇒						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			⇒						

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production ⇒	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate ⇒	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production ⇒	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate ⇒	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Description, Contents, etc.	Name	Top
					Meas Depth
				Queen	567'
				Penrose	670'
				Grayburg	890'
				San Andres	1183'
				Glorieta	2428'
				Yeso	2543'
				Tubb	3960'
				Abo	4755'
				Wolfcamp	5724'
				Wolfcamp B Zone	5860'
				Spear	6198'
				Cisco	6413'
				Canyon	6814'
				Strawn	6958'
				Atoka	7124'
				Chester	7224'
				Mississippian	7268'

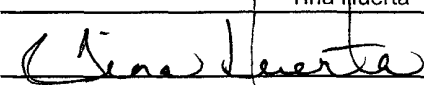
32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Deviation Survey

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Tina Huerta Title Regulatory Compliance Supervisor

Signature  Date November 29, 2006

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

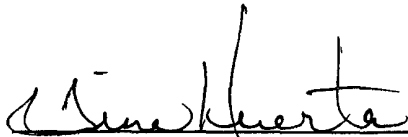
Form 3160-4 continued:

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
9490'-9494'		20	Producing
9190'-9192'		12	Producing
8890'-8892'		12	Producing
8490'-8494'		20	Producing
8290'-8292'		12	Producing
7950'-7952'		12	Producing
7100'-7102'		12	Producing
7350'-7352'		12	Producing
7650'-7654'		20	Producing
6000'-6003'		16	Producing
6300'-6303'		16	Producing
6650'-6652'		44	Producing

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
8890'-9494'	Acidize w/10,000g 15% IC acid
8890'-9494'	Frac w/337,000g FE28 10Q CO2 foam and 145,000# 20/40 and 40/70 brady sand w/10,000# mesh
7950'-8492'	Frac w/338,800g FE28 10Q CO2 foam and 145,000# 20/40 and 40/70 brady sand and 10,000# 100 mesh, spearhead 5000g 15% acid
7100'-7654'	Frac w/337,333g FE28 10Q CO2 foam w/5000# 100 mesh, 105,000# 40/70 brady sand and 35,000# 20/40 brady sand, spearhead 5000g 15% acid
6000'-6652'	Frac w/337,333g FE28 10Q CO2 foam w/5000# 100 mesh, 105,000# 40/70 brady sand and 35,000# 20/40 brady sand, spearhead 5000g 15% IC acid

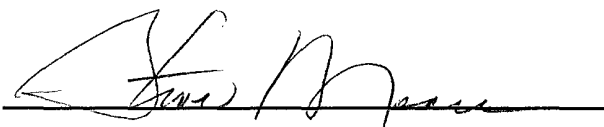

 Regulatory Compliance Supervisor
 November 29, 2006

OPERATOR Yates Petroleum
WELL/LEASE Frisbee BIF Fed. Com. #1
COUNTY Chaves Co., N.M.

478-0066

STATE OF NEW MEXICO
DEVIATION REPORT

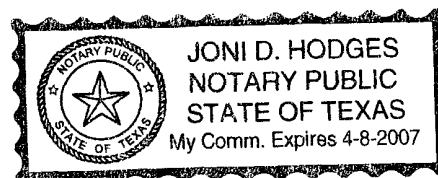
79	0.50	6,516	1.00
196	0.75	6,765	1.00
318	1.25	7,016	0.75
423	1.75	7,266	1.00
503	2.00	7360 T.D.	1.00
620	2.00		
761	2.00		
1,003	1.75		
1,285	1.75		
1,470	1.75		
1,707	0.75		
1,961	1.25		
2,205	1.00		
2,456	1.25		
2,707	1.00		
2,955	1.25		
3,205	0.75		
3,458	1.50		
3,705	0.75		
3,936	1.00		
4,215	0.50		
4,465	1.00		
4,622	0.75		
4,815	0.75		
4,974	0.75		
5,130	0.50		
5,256	0.25		
5,509	1.00		
5,761	0.75		
6,011	0.75		
6,266	1.00		

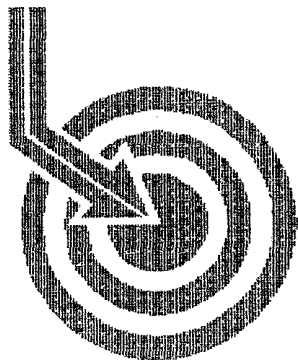
BY: 

STATE OF TEXAS
COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on June 5, 2006, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.


Notary Public for Midland County, Texas
My Commission Expires: 4/08/07





Scientific Drilling

YATES PETROLEUM

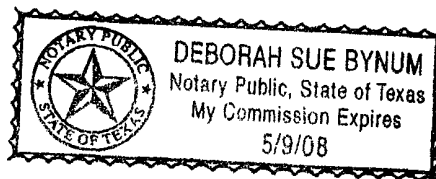
Field: Wildcat
Site: Chaves County, NM
Well: Frisbee "Bif" Fed Com #1
Wellpath: VH - Job #32K0406335
Survey: 04/27/06

This survey is correct to the best of my knowledge
and is supported by actual field data.

.....*Deborah S. Bynum*..... Company Representative

Notorized this date 15th of May, 2006.

Deborah S. Bynum
Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: YATES PETROLEUM	Date: 04/28/2006	Time: 13:38:11	Page: 1
Field: Wildcat	Co-ordinate(NE) Reference:	Site: Chaves County, NM, Grid North	
Site: Chaves County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Frisbee "Bif" Fed Corn #1	Section (VS) Reference:	Well (0.00N,0.00E,358.55Azi)	
Wellpath: VH - Job #32K0406335	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 04/27/06 KSRG 0'-4981'	Start Date: 04/27/2006
Company: Scientific Drilling Internatio	Engineer: Madrid w/Signal
Tool: Keeper;Keeper Gyro	Tied-to: From Surface

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	359.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.23	125.37	100.00	-0.12	-0.12	0.16	0.23	0.20	125.37
200.00	0.45	117.19	200.00	-0.43	-0.41	0.68	0.22	0.79	121.33
300.00	1.07	95.30	299.99	-0.73	-0.68	1.96	0.67	2.07	109.11
400.00	1.65	86.72	399.96	-0.79	-0.68	4.32	0.61	4.38	98.96
500.00	2.36	79.85	499.90	-0.43	-0.24	7.79	0.75	7.79	91.74
600.00	2.21	79.35	599.82	0.19	0.48	11.71	0.15	11.72	87.64
700.00	2.25	79.42	699.74	0.81	1.20	15.53	0.04	15.58	85.58
800.00	1.94	82.74	799.68	1.29	1.77	19.14	0.33	19.22	84.70
900.00	1.75	78.58	899.62	1.72	2.29	22.32	0.23	22.43	84.14
1000.00	1.48	70.52	999.58	2.39	3.02	25.03	0.35	25.21	83.11
1100.00	1.44	65.67	1099.55	3.28	3.97	27.39	0.13	27.68	81.75
1200.00	1.54	63.26	1199.52	4.34	5.09	29.74	0.12	30.17	80.28
1300.00	1.32	64.97	1299.49	5.37	6.19	31.98	0.22	32.58	79.05
1400.00	1.22	69.80	1399.46	6.18	7.04	34.03	0.15	34.75	78.31
1500.00	1.37	65.91	1499.44	6.98	7.90	36.12	0.17	36.97	77.67
1600.00	1.08	53.67	1599.41	7.98	8.94	37.97	0.39	39.01	76.75
1700.00	1.25	59.40	1699.39	9.05	10.06	39.66	0.21	40.92	75.77
1800.00	1.07	52.67	1799.37	10.13	11.18	41.35	0.23	42.83	74.87
1900.00	1.12	65.20	1899.36	11.06	12.15	42.98	0.24	44.66	74.21
2000.00	1.26	58.59	1999.33	12.00	13.14	44.80	0.20	46.69	73.66
2100.00	1.57	43.84	2099.30	13.51	14.70	46.69	0.48	48.95	72.53
2200.00	1.57	42.34	2199.27	15.46	16.70	48.56	0.04	51.35	71.02
2300.00	1.61	43.36	2299.23	17.45	18.73	50.45	0.05	53.81	69.63
2400.00	1.58	38.01	2399.19	19.51	20.84	52.26	0.15	56.26	68.26
2500.00	1.66	34.29	2499.15	21.75	23.12	53.93	0.13	58.67	66.79
2600.00	1.59	29.47	2599.11	24.12	25.53	55.42	0.15	61.02	65.27
2700.00	1.34	29.05	2699.08	26.31	27.76	56.67	0.25	63.11	63.91
2800.00	1.28	17.34	2799.05	28.38	29.85	57.57	0.27	64.85	62.60
2900.00	1.14	19.11	2899.03	30.37	31.85	58.23	0.14	66.38	61.32
3000.00	1.08	6.35	2999.01	32.23	33.73	58.66	0.25	67.67	60.10
3100.00	1.00	358.86	3098.99	34.04	35.54	58.75	0.16	68.66	58.83
3200.00	0.98	1.30	3198.98	35.77	37.26	58.75	0.05	69.57	57.61
3300.00	0.83	347.38	3298.97	37.33	38.83	58.61	0.27	70.31	56.48
3400.00	0.80	336.12	3398.96	38.69	40.17	58.17	0.16	70.70	55.37
3500.00	0.79	334.60	3498.95	39.96	41.43	57.59	0.02	70.95	54.27
3600.00	0.78	334.89	3598.94	41.22	42.67	57.01	0.01	71.21	53.18
3700.00	0.61	329.49	3698.93	42.30	43.75	56.45	0.18	71.42	52.23
3800.00	0.66	313.05	3798.92	43.17	44.60	55.76	0.19	71.40	51.35
3900.00	0.90	311.57	3898.91	44.11	45.51	54.75	0.24	71.20	50.26
4000.00	0.71	310.02	3998.90	45.06	46.43	53.69	0.19	70.98	49.15
4100.00	0.60	315.47	4098.90	45.85	47.20	52.85	0.13	70.86	48.23
4200.00	0.40	301.06	4198.89	46.42	47.76	52.18	0.23	70.74	47.53
4300.00	0.24	293.57	4298.89	46.70	48.02	51.69	0.17	70.55	47.11
4400.00	0.27	285.39	4398.89	46.85	48.17	51.27	0.05	70.35	46.79
4500.00	0.17	335.32	4498.89	47.06	48.37	50.98	0.21	70.27	46.51
4600.00	0.30	65.52	4598.89	47.30	48.61	51.16	0.35	70.57	46.46
4700.00	0.67	64.65	4698.89	47.64	48.97	51.92	0.37	71.37	46.68
4800.00	1.34	86.87	4798.87	47.91	49.28	53.62	0.76	72.83	47.41



Scientific
Drilling

Scientific Drilling International

Survey Report

Company: YATES PETROLEUM
Field: Wildcat
Site: Chaves County, NM
Well: Frisbee "Bif" Fed Com #1
Wellpath: VH - Job #32K0406335

Date: 04/28/2006 **Time:** 13:38:11 **Page:** 2
Co-ordinate(NE) Reference: Site: Chaves County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,358.55Azi)
Survey Calculation Method: Minimum Curvature **Db:** Sybase

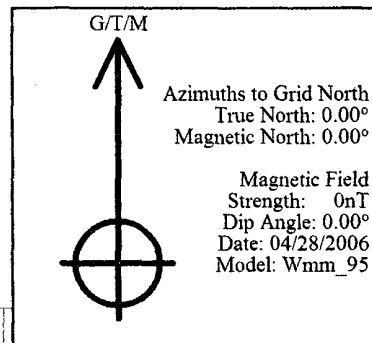
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.00	0.97	108.40	4898.85	47.66	49.08	55.59	0.56	74.16	48.56
4981.00	0.83	106.66	4979.84	47.24	48.69	56.80	0.18	74.82	49.40

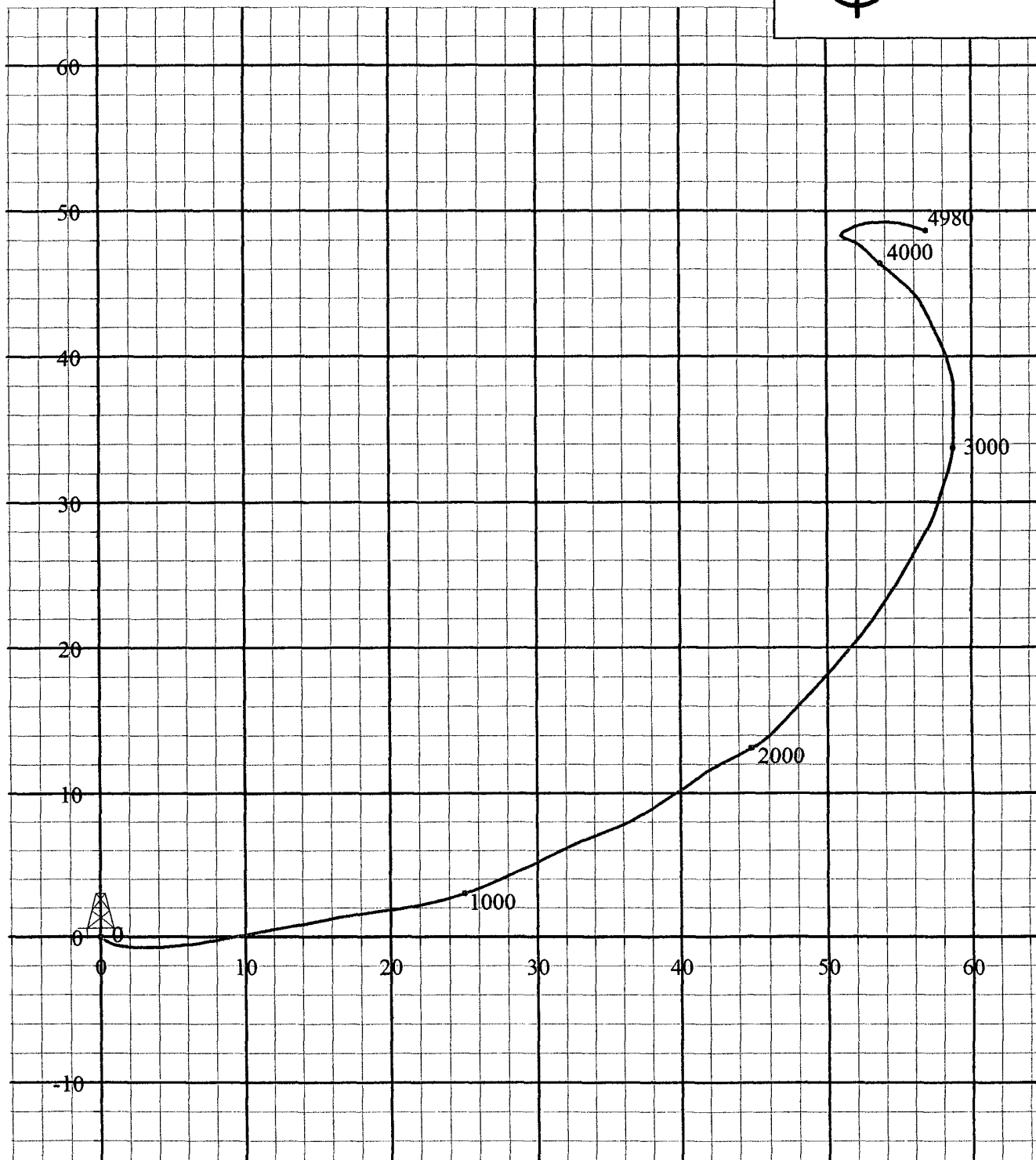


**Scientific
Drilling**

Field: Wildcat
Site: Chaves County, NM
Well: Frisbee "Bif" Fed Com #1
Wellpath: VH - Job #32K0406335
Survey: 04/27/06



South(-)/North(+) [10ft/in]



West(-)/East(+) [10ft/in]

Pathfinder Energy

Survey Report

Company: Yates Petroleum Corporation		Date: 5/31/2006	Time: 11:55:38	Page: 1
Field: Wildcat		Co-ordinate(NE) Reference:	Well: Frisbee "Bif" Fed Com #1	
Site: Frisbee "Bif" Fed Com #1		Vertical (TVD) Reference:	System: Mean Sea Level	
Well: Frisbee "Bif" Fed Com #1		Section (VS) Reference:	Well (0.00N,0.00E,358.55Azi)	
Wellpath: Original Hole		Survey Calculation Method:	Minimum Curvature	Db: Sybase

Field: Wildcat 660'FSL 660'FEL Section 33; T13S; R27E	
Map System: US State Plane Coordinate System 1983	Map Zone: New Mexico, Eastern Zone
Geo Datum: GRS 1980	Coordinate System: Well Centre
Sys Datum: Mean Sea Level	Geomagnetic Model: igrf2005

Site: Frisbee "Bif" Fed Com #1 Chaves County, New Mexico 660'FSL 660' FEL Section 33; T13S; R27E	
Site Position:	Northing: 779047.90 ft Latitude: 33 8 29.535 N
From: Map	Easting: 571552.00 ft Longitude: 104 14 4.649 W
Position Uncertainty: 0.00 ft	North Reference: Grid
Ground Level: 3475.00 ft	Grid Convergence: 0.05 deg

Well: Frisbee "Bif" Fed Com #1		Slot Name:	
Horizontal			
Well Position:	+N/-S 0.00 ft Northing: 779047.90 ft Latitude: 33 8 29.535 N		
	+E/-W 0.00 ft Easting: 571552.00 ft Longitude: 104 14 4.649 W		
Position Uncertainty: 0.00 ft			

Wellpath: Original Hole		Drilled From: Surface	
		Tie-on Depth: 0.00 ft	
Current Datum: Mean Sea Level	Height: 0.00 ft	Above System Datum: Mean Sea Level	
Magnetic Data: 4/25/2006		Declination: 8.57 deg	
Field Strength: 49651 nT		Mag Dip Angle: 61.05 deg	
Vertical Section: Depth From (TVD)	+N/-S	+E/-W	Direction
ft	ft	ft	deg
0.00	0.00	0.00	358.55

Survey: Pathfinder MWD Survey	Start Date: 5/1/2006
Company: Pathfinder Energy	Engineer:
Tool:	Tied-to: From: Gyro Survey

Survey: Pathfinder MWD Survey										
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	Tool/Comment
4981.00	0.83	106.66	4979.84	48.69	56.80	47.24	0.00	0.00	0.00	
5089.00	0.26	311.03	5087.84	48.63	57.37	47.16	0.99	-0.53	-144.10	
5183.00	0.44	338.45	5181.83	49.11	57.08	47.65	0.26	0.19	29.17	
5246.00	0.44	354.45	5244.83	49.57	56.96	48.11	0.19	0.00	25.40	
5277.00	1.67	339.95	5275.83	50.11	56.80	48.66	4.03	3.97	-46.77	
5308.00	4.13	337.66	5306.79	51.57	56.22	50.13	7.94	7.94	-7.39	
5339.00	7.21	337.75	5337.63	54.41	55.06	52.99	9.94	9.94	0.29	
5371.00	10.55	337.92	5369.24	58.98	53.19	57.61	10.44	10.44	0.53	
5403.00	13.81	337.75	5400.52	65.23	50.65	63.93	10.19	10.19	-0.53	
5433.00	17.15	338.28	5429.42	72.66	47.65	71.43	11.14	11.13	1.77	
5464.00	21.10	338.63	5458.71	82.10	43.93	80.96	12.75	12.74	1.13	
5496.00	25.24	338.89	5488.12	93.84	39.37	92.81	12.94	12.94	0.81	
5526.00	29.02	339.33	5514.82	106.62	34.49	105.71	12.62	12.60	1.47	
5557.00	33.15	340.56	5541.36	121.65	29.02	120.88	13.48	13.32	3.97	
5588.00	37.81	341.70	5566.60	138.67	23.21	138.04	15.18	15.03	3.68	
5620.00	42.03	342.05	5591.13	158.19	16.82	157.71	13.21	13.19	1.09	
5651.00	45.29	342.23	5613.56	178.55	10.26	178.24	10.52	10.52	0.58	
5682.00	48.36	342.41	5634.76	200.09	3.40	199.94	9.91	9.90	0.58	
5714.00	51.35	342.67	5655.39	223.42	-3.94	223.45	9.36	9.34	0.81	
5745.00	54.26	342.85	5674.13	247.01	-11.26	247.21	9.40	9.39	0.58	
5767.00	56.28	343.11	5686.66	264.29	-16.55	264.63	9.23	9.18	1.18	
5817.00	59.18	345.66	5713.36	305.00	-27.91	305.61	7.23	5.80	5.10	
5849.00	65.16	341.35	5728.30	332.11	-35.97	332.91	22.15	18.69	-13.47	
5881.00	71.23	339.07	5740.18	360.05	-46.03	361.09	20.09	18.97	-7.12	

Pathfinder Energy

Survey Report

Company: Yates Petroleum Corporation
 Field: Wildcat
 Site: Frisbee "Bif" Fed Com #1
 Well: Frisbee "Bif" Fed Com #1
 Wellpath: Original Hole

Date: 5/31/2006 Time: 11:55:38 Page: 2
 Co-ordinate(NE) Reference: Well: Frisbee "Bif" Fed Com #1
 Vertical (TVD) Reference: System: Mean Sea Level
 Section (VS) Reference: Well (0.00N,0.00E,358.55Azi)
 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: Pathfinder MWD Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
5912.00	76.15	338.28	5748.88	387.75	-56.85	389.07	16.06	15.87	-2.55	
5943.00	80.72	336.78	5755.10	415.81	-68.46	417.41	15.48	14.74	-4.84	
5975.00	86.00	334.76	5758.80	444.78	-81.50	446.70	17.65	16.50	-6.31	
6001.00	88.90	332.30	5759.95	468.03	-93.08	470.23	14.62	11.15	-9.46	
6033.00	91.45	331.16	5759.86	496.21	-108.23	498.79	8.73	7.97	-3.56	
6065.00	91.10	330.98	5759.14	524.21	-123.71	527.17	1.23	-1.09	-0.56	
6096.00	90.48	331.95	5758.72	551.44	-138.51	554.77	3.71	-2.00	3.13	
6128.00	90.75	332.48	5758.37	579.75	-153.43	583.44	1.86	0.84	1.66	
6158.00	91.01	334.32	5757.91	606.57	-166.86	610.59	6.19	0.87	6.13	
6222.00	90.48	335.46	5757.08	664.51	-194.02	669.21	1.96	-0.83	1.78	
6285.00	88.99	336.87	5757.37	722.13	-219.47	727.46	3.26	-2.37	2.24	
6348.00	88.37	338.63	5758.82	780.43	-243.32	786.33	2.96	-0.98	2.79	
6412.00	89.69	342.23	5759.91	840.71	-264.75	847.14	5.99	2.06	5.62	
6475.00	89.43	344.43	5760.39	901.06	-282.82	907.92	3.52	-0.41	3.49	
6538.00	89.60	346.71	5760.92	962.06	-298.52	969.31	3.63	0.27	3.62	
6604.00	89.43	348.91	5761.48	1026.57	-312.45	1034.14	3.34	-0.26	3.33	
6668.00	90.40	350.84	5761.58	1089.57	-323.70	1097.41	3.38	1.52	3.02	
6730.00	90.92	353.04	5760.86	1150.95	-332.40	1158.99	3.65	0.84	3.55	
6793.00	91.98	354.89	5759.27	1213.57	-339.02	1221.76	3.38	1.68	2.94	
6856.00	91.54	357.26	5757.33	1276.39	-343.33	1284.67	3.82	-0.70	3.76	
6919.00	91.54	359.81	5755.64	1339.34	-344.94	1347.64	4.05	0.00	4.05	
6980.00	92.77	1.48	5753.35	1400.29	-344.25	1408.56	3.40	2.02	2.74	
7044.00	92.24	3.85	5750.55	1464.16	-341.28	1472.32	3.79	-0.83	3.70	
7109.00	91.19	4.03	5748.60	1528.97	-336.81	1537.01	1.64	-1.62	0.28	
7173.00	91.71	4.38	5746.98	1592.78	-332.12	1600.67	0.98	0.81	0.55	
7235.00	91.28	4.29	5745.37	1654.58	-327.44	1662.34	0.71	-0.69	-0.15	
7298.00	91.89	4.73	5743.62	1717.36	-322.49	1724.97	1.19	0.97	0.70	
7361.00	91.98	4.82	5741.50	1780.11	-317.24	1787.57	0.20	0.14	0.14	
7425.00	91.80	5.35	5739.39	1843.82	-311.58	1851.12	0.87	-0.28	0.83	
7488.00	90.48	4.99	5738.13	1906.55	-305.90	1913.68	2.17	-2.10	-0.57	
7552.00	90.04	5.26	5737.84	1970.29	-300.18	1977.26	0.81	-0.69	0.42	
7615.00	91.01	4.82	5737.26	2033.05	-294.65	2039.85	1.69	1.54	-0.70	
7679.00	90.92	5.52	5736.19	2096.78	-288.88	2103.42	1.10	-0.14	1.09	
7741.00	89.60	5.08	5735.91	2158.51	-283.16	2164.98	2.24	-2.13	-0.71	
7803.00	90.22	5.17	5736.00	2220.26	-277.62	2226.58	1.01	1.00	0.15	
7866.00	90.57	6.05	5735.57	2282.96	-271.46	2289.10	1.50	0.56	1.40	
7930.00	88.46	6.40	5736.11	2346.57	-264.52	2352.52	3.34	-3.30	0.55	
7993.00	88.64	6.31	5737.70	2409.17	-257.55	2414.91	0.32	0.29	-0.14	
8056.00	88.64	6.05	5739.20	2471.78	-250.77	2477.34	0.41	0.00	-0.41	
8119.00	88.55	5.87	5740.74	2534.42	-244.23	2539.79	0.32	-0.14	-0.29	
8182.00	88.99	5.35	5742.10	2597.11	-238.07	2602.30	1.08	0.70	-0.83	
8245.00	88.99	5.26	5743.21	2659.83	-232.25	2664.85	0.14	0.00	-0.14	
8308.00	89.25	4.55	5744.17	2722.59	-226.86	2727.46	1.20	0.41	-1.13	
8372.00	89.87	4.64	5744.67	2786.38	-221.73	2791.10	0.98	0.97	0.14	
8435.00	90.13	4.20	5744.67	2849.19	-216.88	2853.77	0.81	0.41	-0.70	
8498.00	90.57	4.03	5744.28	2912.03	-212.36	2916.47	0.75	0.70	-0.27	
8561.00	89.43	4.64	5744.28	2974.85	-207.60	2979.15	2.05	-1.81	0.97	
8625.00	89.87	4.38	5744.67	3038.65	-202.56	3042.80	0.80	0.69	-0.41	
8690.00	90.48	3.94	5744.47	3103.48	-197.85	3107.49	1.16	0.94	-0.68	
8753.00	90.04	4.55	5744.19	3166.30	-193.19	3170.18	1.19	-0.70	0.97	
8816.00	89.96	4.91	5744.19	3229.09	-187.99	3232.81	0.59	-0.13	0.57	
8878.00	89.52	5.26	5744.47	3290.84	-182.50	3294.41	0.91	-0.71	0.56	
8941.00	89.60	5.17	5744.95	3353.58	-176.77	3356.98	0.19	0.13	-0.14	

Pathfinder Energy

Survey Report

Company: Yates Petroleum Corporation
Field: Wildcat
Site: Frisbee "Bif" Fed Com #1
Well: Frisbee "Bif" Fed Com #1
Wellpath: Original Hole

Date: 5/31/2006 **Time:** 11:55:38 **Page:** 3
Co-ordinate(NE) Reference: Well: Frisbee "Bif" Fed Com #1
Vertical (TVD) Reference: System: Mean Sea Level
Section (VS) Reference: Well (0.00N,0.00E,358.55Azi)
Survey Calculation Method: Minimum Curvature **Db:** Sybase

Survey: Pathfinder MWD Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
9005.00	89.43	5.35	5745.49	3417.31	-170.90	3420.54	0.39	-0.27	0.28	
9068.00	89.52	5.35	5746.07	3480.03	-165.03	3483.09	0.14	0.14	0.00	
9131.00	89.60	5.26	5746.56	3542.76	-159.20	3545.65	0.19	0.13	-0.14	
9194.00	89.60	5.17	5747.00	3605.50	-153.48	3608.23	0.14	0.00	-0.14	
9257.00	89.96	5.61	5747.24	3668.22	-147.56	3670.78	0.90	0.57	0.70	
9317.00	90.57	5.61	5746.96	3727.93	-141.69	3730.32	1.02	1.02	0.00	
9380.00	91.19	5.96	5745.99	3790.60	-135.35	3792.81	1.13	0.98	0.56	
9444.00	90.92	6.05	5744.81	3854.24	-128.65	3856.26	0.44	-0.42	0.14	
9507.00	90.92	5.78	5743.80	3916.90	-122.16	3918.73	0.43	0.00	-0.43	
9550.00	90.92	5.78	5743.11	3959.67	-117.83	3961.39	0.00	0.00	0.00	

Yates Petroleum

Field: Wildcat

Site: Frisbee "Bif" Fed Com #1

Well: Frisbee "Bif" Fed Com #1

Wellpath: Original Hole

Survey: Final Plot

BHL IS AN ASSUMPTION BASED ON SECTION A OF 5280'

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Frisbee "Bif" Fed Com #1	0.00	0.00	779047.90	571552.00	33°08'29.535N	104°14'04.649W	N/A

COMPANY DETAILS

Yates Petroleum Corporation
105 South 4th
Artesia, NM 88210

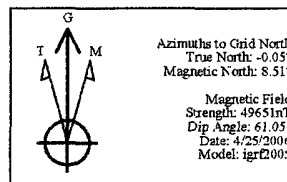
Calculation Method: Minimum Curvature
Error System: Systematic Ellipse
Scan Method: Closest Approach 3D
Error Surface: Elliptical Cone
Warning Method: Error Ratio

WELLPATH DETAILS

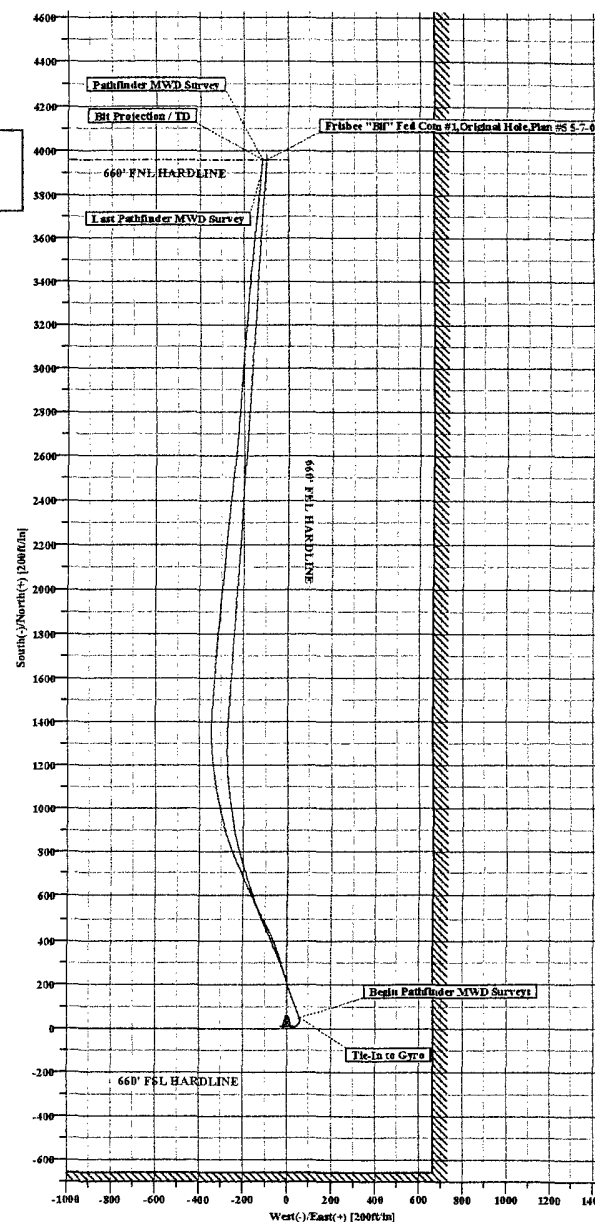
Original Hole			
Rig:	Mean Sea Level	0.00ft	
Ref. Datum:			
V. Section Angle	Origin +N/-S	Origin +E/-W	Starting From TVD
358.55°	0.00	0.00	0.00

SITE DETAILS

Frisbee "Bif" Fed Com #1
Chaves County, New Mexico
660'FSL 660' FEL Section 33; T13S; R27E
Site Centre Northing: 779047.90
Easting: 571552.00
Ground Level: 3475.00
Positional Uncertainty: 0.00
Convergence: 0.05

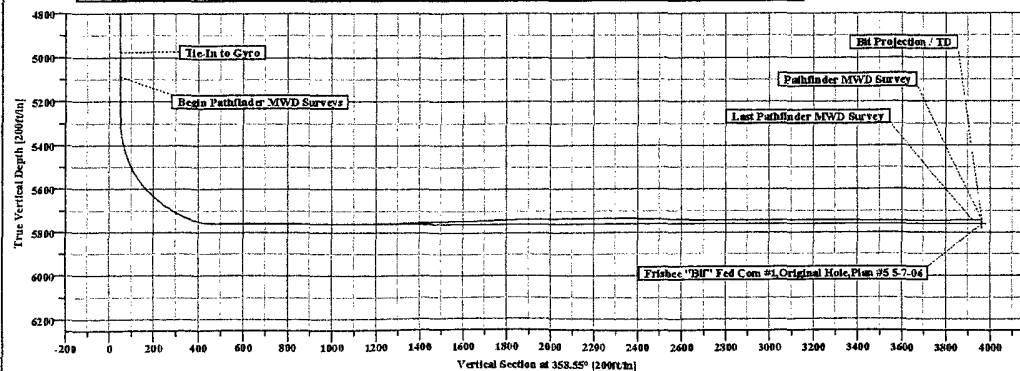


PATHFINDER



Survey: Pathfinder MWD Survey (Frisbee "Bif" Fed Com #1/Original Hole)

No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
60	7866.00	90.57	6.05	5735.57	2282.96	-271.46	1.50	68.31	2289.10
61	7930.00	88.46	6.40	5736.11	2346.57	-264.52	3.34	170.58	2352.52
62	7993.00	88.64	6.31	5737.70	2409.17	-257.55	0.32	-26.56	2414.91
63	8056.00	88.64	6.05	5739.20	2471.78	-250.77	0.41	-90.00	2477.34
64	8119.00	88.55	5.87	5740.74	2534.42	-244.23	0.32	-116.57	2539.79
65	8182.00	88.99	5.35	5742.10	2597.11	-238.07	1.08	-49.76	2602.30
66	8245.00	88.99	5.26	5743.21	2659.83	-232.25	0.14	-90.00	2664.85
67	8308.00	89.25	4.55	5744.17	2722.59	-226.86	1.20	-69.89	2727.46
68	8372.00	89.87	4.64	5744.67	2786.38	-221.73	0.98	8.26	2791.10
69	8435.00	90.13	4.20	5744.67	2849.19	-216.88	0.81	-59.42	2853.77
70	8498.00	90.57	4.03	5744.28	2912.03	-212.36	0.75	-21.12	2916.47
71	8561.00	89.43	4.64	5744.28	2974.85	-207.60	2.05	151.85	2979.15
72	8625.00	89.87	4.38	5744.67	3038.65	-202.56	0.80	-30.58	3042.80
73	8690.00	90.48	3.94	5744.47	3103.48	-197.85	1.16	-35.80	3107.49
74	8753.00	90.04	4.55	5744.19	3166.30	-193.19	1.19	125.30	3170.18
75	8816.00	89.96	4.91	5744.19	3229.09	-187.99	0.59	102.53	3232.81
76	8878.00	89.52	5.26	5744.47	3290.84	-182.50	0.91	141.50	3294.41
77	8941.00	89.60	5.17	5744.95	3353.58	-176.77	0.19	-48.37	3356.98
78	9005.00	89.43	5.35	5745.49	3417.31	-170.90	0.39	133.37	3420.54
79	9068.00	89.52	5.35	5746.07	3480.03	-165.03	0.14	0.00	3483.09
80	9131.00	89.60	5.26	5746.56	3542.76	-159.20	0.19	-48.37	3545.65
81	9194.00	89.60	5.17	5747.00	3605.50	-153.48	0.14	-90.00	3608.23
82	9257.00	89.96	5.61	5747.24	3668.22	-147.56	0.90	50.71	3670.78
83	9317.00	90.37	5.61	5746.96	3727.93	-141.69	1.02	0.00	3730.32
84	9380.00	91.19	5.96	5745.99	3790.60	-135.35	1.13	29.44	3792.81
85	9444.00	90.92	6.05	5744.81	3854.24	-128.65	0.44	161.37	3856.26
86	9507.00	90.92	5.78	5743.80	3916.90	-122.16	0.43	-90.00	3918.73
87	9550.00	90.92	5.78	5743.11	3959.67	-117.83	0.00	180.00	3961.39



— Frisbee "Bif" Fed Com #1, Original Hole, Plan #5 5-7-06
 — Original Hole
 — Pathfinder MWD Survey

Survey: Pathfinder MWD Survey (Frisbee "Bif" Fed Com #1/Original Hole)
 Created By: MWD/SUR
 Date: 10/10/06