

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-005-63830
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Forego 1525-16 State B
8. Well Number 1
9. OGRID Number 230387
10. Pool name or Wildcat Wildcat Wolfcamp

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-104) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other
2. Name of Operator Parallel Petroleum Corporation
3. Address of Operator 1004 N Big Spring St, Suite 400, Midland, Texas 79701
4. Well Location Unit Letter <u>B</u> : <u>300</u> feet from the <u>N</u> line and <u>1880</u> feet from the <u>E</u> line Section <u>16</u> Township <u>15S</u> Range <u>25E</u> NMPM Chaves County

11. Elevation (Show whether DR, RKB, RT, GR, etc.) GR 3424'
--

Pit or Below-grade Tank Application ☐ or Closure ☐
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☒
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Well originally planned to be a horizontal to the South. Change direction to a West horizontal. See attached new directional plan and revised plat.
The surface drilling location and pit is unchanged.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines X, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Deane Durham TITLE Engineer DATE 24 AUG 2006

Type or print name Deane Durham E-mail address: ddurham@plll.com Telephone No. (432) 684-3727

For State Use Only

BRYAN G. ARANT
DISTRICT II GEOLOGIST

APPROVED BY: _____ TITLE _____ DATE AUG 25 2006
Conditions of Approval (if any): _____

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State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Frances 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

API Number	Pool Code	Pool Name
Property Code	Property Name FOREGO 1525-16 STATE B	Well Number 1
OGRID No.	Operator Name PARALLEL PETROLEUM CORPORATION	Elevation 3503'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	16	15 S	25 E		300	NORTH	1880	EAST	CHAVES

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
D	16	15 S	25 E		1024	NORTH	641	WEST	CHAVES
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

Producing Area Project Area	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Deane Durham</i> 8-23-06 Signature Date Deane Durham Printed Name												
<table><tr><th colspan="2">Coordinate Table</th></tr><tr><th>Description</th><th>Plane Coordinate</th></tr><tr><td>Forego 1525-16 State B#1</td><td>X = 465,758.1</td></tr><tr><td>Surface Location</td><td>Y = 735,386.7</td></tr><tr><td>Forego 1525-16 State B#1</td><td>X = 463,018.1</td></tr><tr><td>Bottom Hole Location</td><td>Y = 734,686.7</td></tr></table>	Coordinate Table		Description	Plane Coordinate	Forego 1525-16 State B#1	X = 465,758.1	Surface Location	Y = 735,386.7	Forego 1525-16 State B#1	X = 463,018.1	Bottom Hole Location	Y = 734,686.7	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. May 31, 2006 Date of Survey LVA Signature & Seal of Professional Surveyor <i>[Signature]</i> W.O. Num. 2006-0456-1 Certificate No. MACON McDONALD 12185
Coordinate Table													
Description	Plane Coordinate												
Forego 1525-16 State B#1	X = 465,758.1												
Surface Location	Y = 735,386.7												
Forego 1525-16 State B#1	X = 463,018.1												
Bottom Hole Location	Y = 734,686.7												

NOTE:

- 1) Plane Coordinates shown hereon are Transverse Mercator Grid and Conform to the "New Mexico Coordinate System", New Mexico East Zone, North American Datum of 1927. Distances shown hereon are mean horizontal surface values.

Pathfinder Energy Planning Report

Company: Parallel Petroleum Corp. Field: Chaves County, NM Site: Wildcat ; Wolfcamp Well: Forego 1525-16 St B #1 Wellpath: OH			Date: 8/21/2006 Co-ordinate(NE) Reference: Well: Forego 1525-16 St B #1, Grid North Vertical (TVD) Reference: SITE 3515.0 Section (VS) Reference: Well (0.00N,0.00E,255.67Azi) Plan: Plan #1 8-21-06			Time: 14:11:02 Page: 1				
Field: Chaves County, NM										
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: Well Centre Geomagnetic Model: igr2005							
Site: Wildcat ; Wolfcamp										
Site Position: From: Map Position Uncertainty: 0.00 ft Ground Level: 3503.00 ft			Northing: 735386.70 ft Easting: 465758.10 ft			Latitude: 33 1 17.733 N Longitude: 104 26 42.177 W North Reference: Grid Grid Convergence: -0.06 deg				
Well: Forego 1525-16 St B #1										
Slot Name:										
Well Position: +N/-S 0.00 ft Position Uncertainty: 0.00 ft			Northing: 735386.70 ft Easting: 465758.10 ft			Latitude: 33 1 17.733 N Longitude: 104 26 42.177 W				
Wellpath: OH										
Current Datum: SITE Magnetic Data: 8/21/2006 Field Strength: 49522 nT Vertical Section: Depth From (TVD) ft			Height: 3515.00 ft +N/-S ft +E/-W ft			Drilled From: Surface Tie-on Depth: 0.00 ft Above System Datum: Mean Sea Level Declination: 8.61 deg Mag Dip Angle: 60.89 deg +E/-W ft Direction deg				
5250.00			0.00			255.67				
Plan: Plan #1 8-21-06 Principal: Yes										
			Date Composed: 8/21/2006 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	
4587.73	0.00	0.00	4587.73	0.00	0.00	0.00	0.00	0.00	0.00	
5070.52	65.18	132.80	4972.93	-167.30	180.66	13.50	13.50	0.00	0.00	
5070.53	65.18	132.80	4972.93	-167.31	180.67	0.00	0.00	0.00	0.00	
5918.75	90.00	250.00	5250.00	-800.00	0.00	13.50	2.93	13.82	102.18	Target #1
6791.80	90.00	276.19	5250.00	-904.04	-859.19	3.00	0.00	3.00	90.00	
8683.64	90.00	276.19	5250.00	-700.00	-2740.00	0.00	0.00	0.00	0.00	PBHL
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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00	
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00	
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00	
1000.00	0.00	0.00	1000.00	0.00	0.00	0.00	0.00	0.00	0.00	
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	0.00	
1200.00	0.00	0.00	1200.00	0.00	0.00	0.00</				

Pathfinder Energy

Planning Report

Company: Parallel Petroleum Corp.
Field: Chaves County, NM
Site: Wildcat ; Wolfcamp
Well: Forego 1525-16 St B #1
Wellpath: OH

Date: 8/21/2006
Co-ordinate(N/E) Reference: Well: Forego 1525-16 St B #1, Grid Nort
Vertical (TVD) Reference: SITE 3515.0
Section (VS) Reference: Well (0.00N,0.00E,255.67Azi)
Plan: Plan #1 8-21-06

Page: 2

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
1500.00	0.00	0.00	1500.00	0.00	0.00	0.00	0.00	0.00	0.00	
1600.00	0.00	0.00	1600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1700.00	0.00	0.00	1700.00	0.00	0.00	0.00	0.00	0.00	0.00	
1800.00	0.00	0.00	1800.00	0.00	0.00	0.00	0.00	0.00	0.00	
1900.00	0.00	0.00	1900.00	0.00	0.00	0.00	0.00	0.00	0.00	
2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	
2100.00	0.00	0.00	2100.00	0.00	0.00	0.00	0.00	0.00	0.00	
2200.00	0.00	0.00	2200.00	0.00	0.00	0.00	0.00	0.00	0.00	
2300.00	0.00	0.00	2300.00	0.00	0.00	0.00	0.00	0.00	0.00	
2400.00	0.00	0.00	2400.00	0.00	0.00	0.00	0.00	0.00	0.00	
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	0.00	
2600.00	0.00	0.00	2600.00	0.00	0.00	0.00	0.00	0.00	0.00	
2700.00	0.00	0.00	2700.00	0.00	0.00	0.00	0.00	0.00	0.00	
2800.00	0.00	0.00	2800.00	0.00	0.00	0.00	0.00	0.00	0.00	
2900.00	0.00	0.00	2900.00	0.00	0.00	0.00	0.00	0.00	0.00	
3000.00	0.00	0.00	3000.00	0.00	0.00	0.00	0.00	0.00	0.00	
3100.00	0.00	0.00	3100.00	0.00	0.00	0.00	0.00	0.00	0.00	
3200.00	0.00	0.00	3200.00	0.00	0.00	0.00	0.00	0.00	0.00	
3300.00	0.00	0.00	3300.00	0.00	0.00	0.00	0.00	0.00	0.00	
3400.00	0.00	0.00	3400.00	0.00	0.00	0.00	0.00	0.00	0.00	
3500.00	0.00	0.00	3500.00	0.00	0.00	0.00	0.00	0.00	0.00	
3600.00	0.00	0.00	3600.00	0.00	0.00	0.00	0.00	0.00	0.00	
3700.00	0.00	0.00	3700.00	0.00	0.00	0.00	0.00	0.00	0.00	
3800.00	0.00	0.00	3800.00	0.00	0.00	0.00	0.00	0.00	0.00	
3900.00	0.00	0.00	3900.00	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	
4100.00	0.00	0.00	4100.00	0.00	0.00	0.00	0.00	0.00	0.00	
4200.00	0.00	0.00	4200.00	0.00	0.00	0.00	0.00	0.00	0.00	
4300.00	0.00	0.00	4300.00	0.00	0.00	0.00	0.00	0.00	0.00	
4400.00	0.00	0.00	4400.00	0.00	0.00	0.00	0.00	0.00	0.00	
4500.00	0.00	0.00	4500.00	0.00	0.00	0.00	0.00	0.00	0.00	
4587.73	0.00	0.00	4587.73	0.00	0.00	0.00	0.00	0.00	0.00	
4600.00	1.66	132.80	4600.00	-0.12	0.13	-0.10	13.50	13.50	0.00	
4625.00	5.03	132.80	4624.95	-1.11	1.20	-0.89	13.50	13.50	0.00	
4650.00	8.41	132.80	4649.78	-3.10	3.35	-2.47	13.50	13.50	0.00	
4675.00	11.78	132.80	4674.39	-6.07	6.56	-4.85	13.50	13.50	0.00	
4700.00	15.16	132.80	4698.70	-10.03	10.83	-8.01	13.50	13.50	0.00	
4725.00	18.53	132.80	4722.62	-14.95	16.15	-11.94	13.50	13.50	0.00	
4750.00	21.91	132.80	4746.08	-20.82	22.48	-16.63	13.50	13.50	0.00	
4775.00	25.28	132.80	4768.98	-27.62	29.83	-22.06	13.50	13.50	0.00	
4800.00	28.66	132.80	4791.26	-35.32	38.14	-28.21	13.50	13.50	0.00	
4825.00	32.03	132.80	4812.83	-43.90	47.41	-35.07	13.50	13.50	0.00	
4850.00	35.41	132.80	4833.62	-53.33	57.59	-42.60	13.50	13.50	0.00	
4875.00	38.78	132.80	4853.56	-63.57	68.65	-50.78	13.50	13.50	0.00	
4900.00	42.16	132.80	4872.58	-74.60	80.55	-59.58	13.50	13.50	0.00	
4925.00	45.53	132.80	4890.61	-86.36	93.26	-68.98	13.50	13.50	0.00	
4950.00	48.91	132.80	4907.58	-98.83	106.72	-78.94	13.50	13.50	0.00	
4975.00	52.28	132.80	4923.45	-111.95	120.89	-89.42	13.50	13.50	0.00	
5000.00	55.66	132.80	4938.16	-125.68	135.72	-100.39	13.50	13.50	0.00	
5025.00	59.03	132.80	4951.64	-139.98	151.16	-111.81	13.50	13.50	0.00	
5050.00	62.41	132.80	4963.87	-154.80	167.16	-123.64	13.50	13.50	0.00	
5070.52	65.18	132.80	4972.93	-167.30	180.66	-133.63	13.50	13.50	0.00	
5070.53	65.18	132.80	4972.93	-167.31	180.67	-133.64	0.00	0.00	0.00	

Pathfinder Energy

Planning Report

Company: Parallel Petroleum Corp.
Field: Chaves County, NM
Site: Wildcat; Wolfcamp
Well: Forego 1525-16 St. B #1
Wellpath: OH

Date: 8/21/2006
Co-ordinate(NE) Reference: Forego 1525-16 St B #1, Grid Nort
Vertical (TVD) Reference: SITE 3515.0
Section (VS) Reference: Well (0.00N,0.00E,255.67Azi)
Plan: Plan #1 8-21-06

Page: 3

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
5075.00	65.05	133.45	4974.82	-170.08	183.63	-135.82	13.50	-2.82	14.55	
5100.00	64.40	137.11	4985.49	-186.14	199.54	-147.25	13.50	-2.60	14.65	
5125.00	63.84	140.81	4996.41	-203.10	214.30	-157.36	13.50	-2.24	14.80	
5150.00	63.38	144.55	5007.52	-220.91	227.88	-166.11	13.50	-1.85	14.93	
5175.00	63.01	148.31	5018.80	-239.49	240.21	-173.46	13.50	-1.46	15.04	
5200.00	62.75	152.09	5030.20	-258.80	251.27	-179.39	13.50	-1.06	15.12	
5225.00	62.58	155.88	5041.68	-278.75	261.01	-183.89	13.50	-0.65	15.18	
5250.00	62.52	159.68	5053.21	-299.28	269.40	-186.94	13.50	-0.24	15.21	
5275.00	62.57	163.49	5064.74	-320.32	276.40	-188.52	13.50	0.17	15.21	
5300.00	62.71	167.28	5076.24	-341.80	282.01	-188.63	13.50	0.58	15.19	
5325.00	62.96	171.07	5087.65	-363.64	286.18	-187.26	13.50	0.99	15.13	
5350.00	63.31	174.83	5098.95	-385.77	288.92	-184.44	13.50	1.40	15.05	
5375.00	63.76	178.57	5110.10	-408.11	290.20	-180.16	13.50	1.79	14.95	
5400.00	64.30	182.27	5121.05	-430.58	290.04	-174.43	13.50	2.17	14.82	
5425.00	64.94	185.94	5131.77	-453.10	288.42	-167.29	13.50	2.54	14.68	
5450.00	65.66	189.57	5142.22	-475.60	285.35	-158.75	13.50	2.90	14.51	
5475.00	66.47	193.15	5152.36	-498.00	280.85	-148.84	13.50	3.24	14.34	
5500.00	67.36	196.69	5162.17	-520.21	274.93	-137.61	13.50	3.57	14.15	
5525.00	68.33	200.18	5171.60	-542.17	267.60	-125.07	13.50	3.87	13.96	
5550.00	69.37	203.63	5180.62	-563.80	258.90	-111.29	13.50	4.16	13.77	
5575.00	70.48	207.02	5189.20	-585.02	248.86	-96.31	13.50	4.43	13.58	
5600.00	71.65	210.37	5197.32	-605.76	237.51	-80.18	13.50	4.68	13.39	
5625.00	72.87	213.67	5204.94	-625.94	224.88	-62.95	13.50	4.91	13.20	
5650.00	74.15	216.93	5212.03	-645.50	211.03	-44.69	13.50	5.12	13.03	
5675.00	75.48	220.14	5218.58	-664.37	196.00	-25.45	13.50	5.31	12.86	
5700.00	76.85	223.32	5224.56	-682.49	179.85	-5.32	13.50	5.49	12.70	
5725.00	78.26	226.46	5229.95	-699.78	162.62	15.65	13.50	5.64	12.56	
5750.00	79.71	229.56	5234.72	-716.19	144.38	37.39	13.50	5.78	12.43	
5775.00	81.18	232.64	5238.87	-731.67	125.20	59.81	13.50	5.89	12.32	
5800.00	82.68	235.70	5242.38	-746.15	105.13	82.83	13.50	5.99	12.22	
5825.00	84.20	238.73	5245.24	-759.60	84.25	106.39	13.50	6.07	12.14	
5850.00	85.73	241.75	5247.44	-771.96	62.64	130.39	13.50	6.14	12.07	
5875.00	87.28	244.76	5248.96	-783.19	40.35	154.76	13.50	6.19	12.02	
5900.00	88.83	247.75	5249.81	-793.24	17.49	179.40	13.50	6.21	11.99	
5918.75	90.00	250.00	5250.00	-800.00	0.00	198.02	13.50	6.23	11.98	
6000.00	90.00	252.44	5250.00	-826.16	-76.92	279.02	3.00	0.00	3.00	Target #1
6100.00	90.00	255.44	5250.00	-853.82	-173.00	378.96	3.00	0.00	3.00	
6200.00	90.00	258.44	5250.00	-876.42	-270.40	478.93	3.00	0.00	3.00	
6300.00	90.00	261.44	5250.00	-893.89	-368.86	578.64	3.00	0.00	3.00	
6400.00	90.00	264.44	5250.00	-906.19	-468.09	677.82	3.00	0.00	3.00	
6500.00	90.00	267.44	5250.00	-913.27	-567.82	776.21	3.00	0.00	3.00	
6600.00	90.00	270.44	5250.00	-915.12	-667.79	873.53	3.00	0.00	3.00	
6700.00	90.00	273.44	5250.00	-911.74	-767.73	969.51	3.00	0.00	3.00	
6791.80	90.00	276.19	5250.00	-904.04	-859.19	1056.23	3.00	0.00	3.00	
6800.00	90.00	276.19	5250.00	-903.15	-867.34	1063.91	0.00	0.00	0.00	
6900.00	90.00	276.19	5250.00	-892.37	-966.76	1157.56	0.00	0.00	0.00	
7000.00	90.00	276.19	5250.00	-881.58	-1066.18	1251.21	0.00	0.00	0.00	
7100.00	90.00	276.19	5250.00	-870.80	-1165.60	1344.87	0.00	0.00	0.00	
7200.00	90.00	276.19	5250.00	-860.01	-1265.01	1438.52	0.00	0.00	0.00	
7300.00	90.00	276.19	5250.00	-849.23	-1364.43	1532.17	0.00	0.00	0.00	
7400.00	90.00	276.19	5250.00	-838.44	-1463.85	1625.83	0.00	0.00	0.00	
7500.00	90.00	276.19	5250.00	-827.66	-1563.26	1719.48	0.00	0.00	0.00	
7600.00	90.00	276.19	5250.00	-816.87	-1662.68	1813.13	0.00	0.00	0.00	

Pathfinder Energy

Planning Report

Company: Parallel Petroleum Corp.
Field: Chaves County, NM
Site: Wildcat ; Wolfcamp
Well: Forego 1525-16 St B #1
Wellpath: OH

Date: 8/21/2006
Co-ordinate(NE) Reference: Well: Forego 1525-16 St B #1, Grid North
Vertical (TVD) Reference: SITE 3515.0
Section (VS) Reference: Well (0.00N,0.00E,255.67Azi)
Plan: Plan #1 8-21-06

Page: 4

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
7700.00	90.00	276.19	5250.00	-806.09	-1762.10	1906.79	0.00	0.00	0.00	
7800.00	90.00	276.19	5250.00	-795.30	-1861.51	2000.44	0.00	0.00	0.00	
7900.00	90.00	276.19	5250.00	-784.52	-1960.93	2094.09	0.00	0.00	0.00	
8000.00	90.00	276.19	5250.00	-773.73	-2060.35	2187.75	0.00	0.00	0.00	
8100.00	90.00	276.19	5250.00	-762.95	-2159.76	2281.40	0.00	0.00	0.00	
8200.00	90.00	276.19	5250.00	-752.16	-2259.18	2375.06	0.00	0.00	0.00	
8300.00	90.00	276.19	5250.00	-741.38	-2358.60	2468.71	0.00	0.00	0.00	
8400.00	90.00	276.19	5250.00	-730.59	-2458.01	2562.36	0.00	0.00	0.00	
8500.00	90.00	276.19	5250.00	-719.81	-2557.43	2656.02	0.00	0.00	0.00	
8600.00	90.00	276.19	5250.00	-709.02	-2656.85	2749.67	0.00	0.00	0.00	
8683.64	90.00	276.19	5250.00	-700.00	-2740.00	2828.00	0.00	0.00	0.00	PBHL

Targets

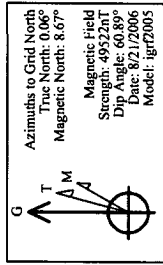
Name	Description	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude --->			<--- Longitude --->				
								Deg	Min	Sec	Deg	Min	Sec		
Target #1			5250.00	-800.00	0.00	734586.70	465758.10	33	1	9.817	N	104	26	42.167	W
PBHL			5250.00	-700.00	-2740.00	734686.70	463018.10	33	1	10.777	N	104	27	14.350	W

Field: Chaves County, NM
 Site: Wildcat ; Wolfcamp
 Well: Forego 1525-16 St. B #1
 Wellpath: OH
 Plan: Plan #1 8-21-06

PATHFINDER

SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DL-eg	TTrue	VSec Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	4587.73	0.00	0.00	4587.73	0.00	0.00	0.00	0.00	0.00
3	5070.52	65.18	132.80	4972.93	-167.30	180.66	13.50	0.00	-133.63
4	5070.53	65.18	132.80	4972.93	-167.31	180.67	0.00	0.00	-133.64
5	5918.75	90.00	250.00	5250.00	-800.00	0.00	13.50	102.18	198.02
6	6791.80	90.00	276.19	5250.00	-904.04	-859.19	3.00	90.00	1056.23
7	8683.64	90.00	276.19	5250.00	-700.00	-2740.00	0.00	0.00	2828.00
									PBHL

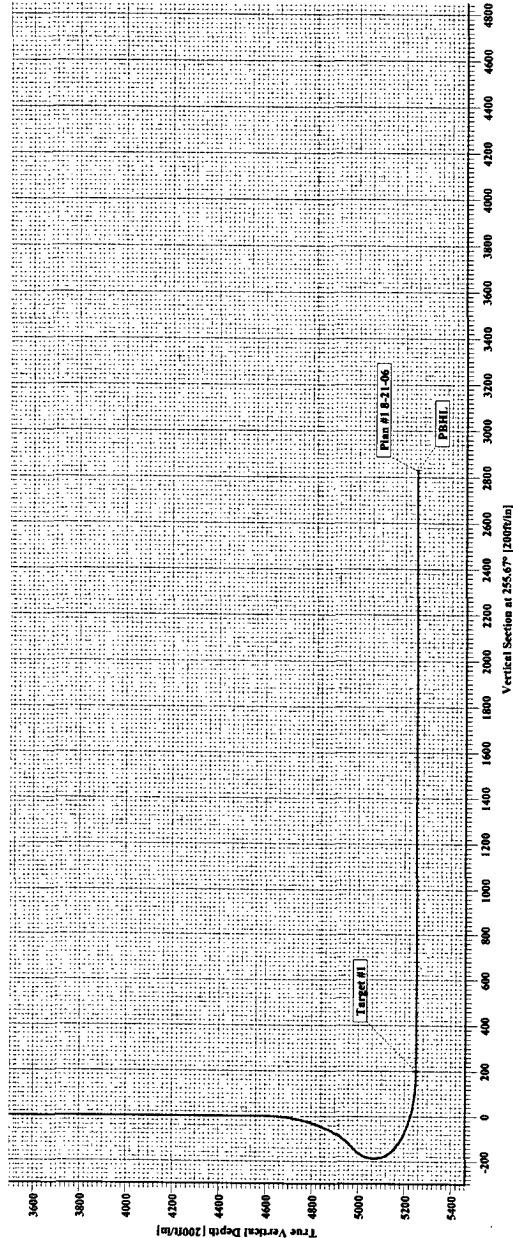
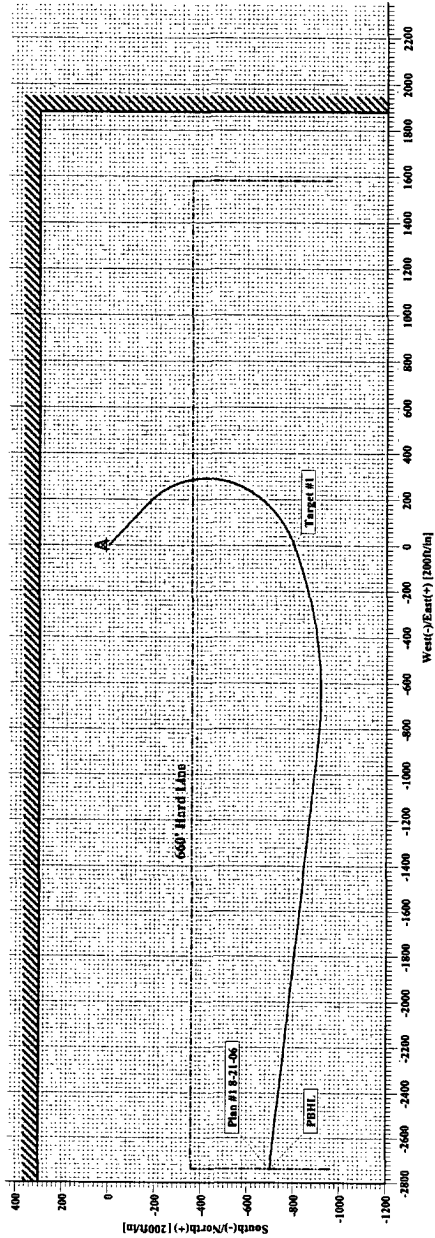
TARGET DETAILS				
Name	TVD	+N/-S	+E/-W	Shape
Target #1	5250.00	-800.00	0.00	Point
PBHL	5250.00	-700.00	-2740.00	Point



SITE DETAILS
 Wildcat ; Wolfcamp
 Site Centre Northing: 735386.70
 Easting: 465758.10
 Ground Level: 3503.00
 Positional Uncertainty: 0.00
 Convergence: -0.06

WELLPATH DETAILS
 Oil
 Rig: Ref Datum:
 V-Section Angle: 255.67°
 Origin +N/-S: 0.00
 Starting From TVD: 5250.00

ANNOTATIONS
 No. TVD MD Annotation
 No annotation details fall on the wellpath.



Pathfinder Energy Planning Report

Company: Parallel Petroleum Corp. Date: 8/21/2006 Time: 14:11:02 Page: 1
Field: Chaves County, NM Co-ordinate(NE) Reference: Forego 1525-16 St B #1, Grid North
Site: Wildcat, Wolfcamp Vertical (TVD) Reference: SITE 3515.0
Well: Forego 1525-16 St B #1 Section (VS) Reference: Well (0.00N,0.00E,255.67Azi)
Wellpath: OH Plan: Plan #1 8-21-06

Field: Chaves County, NM

Map System: US State Plane Coordinate System 1927
Geo Datum: NAD27 (Clarke 1866)
Sys Datum: Mean Sea Level

Site: Wildcat ; Wolfcamp

Site Position:	Northing:	735386.70 ft	Latitude:	33	1	17.733 N
From: Map	Easting:	465758.10 ft	Longitude:	104	26	42.177 W
Position Uncertainty:	0.00 ft		North Reference:			Grid
Ground Level:	3503.00 ft		Grid Convergence:			-0.06 deg

Well: Forego 1525-16 St B #1				Slot Name:			
Well Position:	+N-S	0.00 ft	Northing:	735386.70 ft	Latitude:	33	1 17.733 N
	+E-W	0.00 ft	Easting:	465758.10 ft	Longitude:	104	26 42.177 W
Position Uncertainty:		0.00 ft					

Wellpath: OH		Drilled From: Surface	
Current Datum: SITE	Height 3515.00 ft	Tie-on Depth: 0.00 ft	Above System Datum: Mean Sea Level
Magnetic Data: 8/21/2006		Declination: 8.61 deg	
Field Strength: 49522 nT		Mag Dip Angle: 60.89 deg	
Vertical Section: Depth From (TVD)	+N/-S	+E/-W	Direction
ft	ft	ft	deg
5250.00	0.00	0.00	255.67

Plan:	Plan #1 8-21-06	Date Composed:	8/21/2006
		Version:	1
Principal:	Yes	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	
4587.73	0.00	0.00	4587.73	0.00	0.00	0.00	0.00	0.00	0.00	
5070.52	65.18	132.80	4972.93	-167.30	180.66	13.50	13.50	0.00	0.00	
5070.53	65.18	132.80	4972.93	-167.31	180.67	0.00	0.00	0.00	0.00	
5918.75	90.00	250.00	5250.00	-800.00	0.00	13.50	2.93	13.82	102.18	Target #1
6791.80	90.00	276.19	5250.00	-904.04	-859.19	3.00	0.00	3.00	90.00	
8683.64	90.00	276.19	5250.00	-700.00	-2740.00	0.00	0.00	0.00	0.00	PBHL

Survey

[illegible]

Pathfinder Energy

Planning Report

Company: Parallel Petroleum Corp.
 Field: Chaves County, NM
 Site: Wildcat ; Wolfcamp
 Well: Forego 1525-16 St B #1
 Wellpath: OH

Date: 8/21/2006 Time: 14:11:02 Page: 2
 Co-ordinate(NE) Reference: Well: Forego 1525-16 St B #1, Grid Nort
 Vertical (TVD) Reference: SITE 3515.0
 Section (VS) Reference: Well (0.00N,0.00E,255.67Azi)
 Plan: Plan #1 8-21-06

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
1500.00	0.00	0.00	1500.00	0.00	0.00	0.00	0.00	0.00	0.00	
1600.00	0.00	0.00	1600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1700.00	0.00	0.00	1700.00	0.00	0.00	0.00	0.00	0.00	0.00	
1800.00	0.00	0.00	1800.00	0.00	0.00	0.00	0.00	0.00	0.00	
1900.00	0.00	0.00	1900.00	0.00	0.00	0.00	0.00	0.00	0.00	
2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	
2100.00	0.00	0.00	2100.00	0.00	0.00	0.00	0.00	0.00	0.00	
2200.00	0.00	0.00	2200.00	0.00	0.00	0.00	0.00	0.00	0.00	
2300.00	0.00	0.00	2300.00	0.00	0.00	0.00	0.00	0.00	0.00	
2400.00	0.00	0.00	2400.00	0.00	0.00	0.00	0.00	0.00	0.00	
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	0.00	
2600.00	0.00	0.00	2600.00	0.00	0.00	0.00	0.00	0.00	0.00	
2700.00	0.00	0.00	2700.00	0.00	0.00	0.00	0.00	0.00	0.00	
2800.00	0.00	0.00	2800.00	0.00	0.00	0.00	0.00	0.00	0.00	
2900.00	0.00	0.00	2900.00	0.00	0.00	0.00	0.00	0.00	0.00	
3000.00	0.00	0.00	3000.00	0.00	0.00	0.00	0.00	0.00	0.00	
3100.00	0.00	0.00	3100.00	0.00	0.00	0.00	0.00	0.00	0.00	
3200.00	0.00	0.00	3200.00	0.00	0.00	0.00	0.00	0.00	0.00	
3300.00	0.00	0.00	3300.00	0.00	0.00	0.00	0.00	0.00	0.00	
3400.00	0.00	0.00	3400.00	0.00	0.00	0.00	0.00	0.00	0.00	
3500.00	0.00	0.00	3500.00	0.00	0.00	0.00	0.00	0.00	0.00	
3600.00	0.00	0.00	3600.00	0.00	0.00	0.00	0.00	0.00	0.00	
3700.00	0.00	0.00	3700.00	0.00	0.00	0.00	0.00	0.00	0.00	
3800.00	0.00	0.00	3800.00	0.00	0.00	0.00	0.00	0.00	0.00	
3900.00	0.00	0.00	3900.00	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	
4100.00	0.00	0.00	4100.00	0.00	0.00	0.00	0.00	0.00	0.00	
4200.00	0.00	0.00	4200.00	0.00	0.00	0.00	0.00	0.00	0.00	
4300.00	0.00	0.00	4300.00	0.00	0.00	0.00	0.00	0.00	0.00	
4400.00	0.00	0.00	4400.00	0.00	0.00	0.00	0.00	0.00	0.00	
4500.00	0.00	0.00	4500.00	0.00	0.00	0.00	0.00	0.00	0.00	
4587.73	0.00	0.00	4587.73	0.00	0.00	0.00	0.00	0.00	0.00	
4600.00	1.66	132.80	4600.00	-0.12	0.13	-0.10	13.50	13.50	0.00	
4625.00	5.03	132.80	4624.95	-1.11	1.20	-0.89	13.50	13.50	0.00	
4650.00	8.41	132.80	4649.78	-3.10	3.35	-2.47	13.50	13.50	0.00	
4675.00	11.78	132.80	4674.39	-6.07	6.56	-4.85	13.50	13.50	0.00	
4700.00	15.16	132.80	4698.70	-10.03	10.83	-8.01	13.50	13.50	0.00	
4725.00	18.53	132.80	4722.62	-14.95	16.15	-11.94	13.50	13.50	0.00	
4750.00	21.91	132.80	4746.08	-20.82	22.48	-16.63	13.50	13.50	0.00	
4775.00	25.28	132.80	4768.98	-27.62	29.83	-22.06	13.50	13.50	0.00	
4800.00	28.66	132.80	4791.26	-35.32	38.14	-28.21	13.50	13.50	0.00	
4825.00	32.03	132.80	4812.83	-43.90	47.41	-35.07	13.50	13.50	0.00	
4850.00	35.41	132.80	4833.62	-53.33	57.59	-42.60	13.50	13.50	0.00	
4875.00	38.78	132.80	4853.56	-63.57	68.65	-50.78	13.50	13.50	0.00	
4900.00	42.16	132.80	4872.58	-74.60	80.55	-59.58	13.50	13.50	0.00	
4925.00	45.53	132.80	4890.61	-86.36	93.26	-68.98	13.50	13.50	0.00	
4950.00	48.91	132.80	4907.58	-98.83	106.72	-78.94	13.50	13.50	0.00	
4975.00	52.28	132.80	4923.45	-111.95	120.89	-89.42	13.50	13.50	0.00	
5000.00	55.66	132.80	4938.16	-125.68	135.72	-100.39	13.50	13.50	0.00	
5025.00	59.03	132.80	4951.64	-139.98	151.16	-111.81	13.50	13.50	0.00	
5050.00	62.41	132.80	4963.87	-154.80	167.16	-123.64	13.50	13.50	0.00	
5070.52	65.18	132.80	4972.93	-167.30	180.66	-133.63	13.50	13.50	0.00	
5070.53	65.18	132.80	4972.93	-167.31	180.67	-133.64	0.00	0.00	0.00	

Pathfinder Energy

Planning Report

Company: Parallel Petroleum Corp.
Field: Chaves County, NM
Site: Wildcat; Wolfcamp
Well: Forego 1525-16 St B #1
Wellpath: OH

Date: 8/21/2006 Time: 14:11:02 Page: 3
Co-ordinate(NE) Reference: Well: Forego 1525-16 St B #1, Grid North
Vertical (TVD) Reference: SITE 3515.0
Section (VS) Reference: Well (0.00N,0.00E,255.67Azi)
Plan: Plan #1 8-21-06

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
5075.00	65.05	133.45	4974.82	-170.08	183.63	-135.82	13.50	-2.82	14.55	
5100.00	64.40	137.11	4985.49	-186.14	199.54	-147.25	13.50	-2.60	14.65	
5125.00	63.84	140.81	4996.41	-203.10	214.30	-157.36	13.50	-2.24	14.80	
5150.00	63.38	144.55	5007.52	-220.91	227.88	-166.11	13.50	-1.85	14.93	
5175.00	63.01	148.31	5018.80	-239.49	240.21	-173.46	13.50	-1.46	15.04	
5200.00	62.75	152.09	5030.20	-258.80	251.27	-179.39	13.50	-1.06	15.12	
5225.00	62.58	155.88	5041.68	-278.75	261.01	-183.89	13.50	-0.65	15.18	
5250.00	62.52	159.68	5053.21	-299.28	269.40	-186.94	13.50	-0.24	15.21	
5275.00	62.57	163.49	5064.74	-320.32	276.40	-188.52	13.50	0.17	15.21	
5300.00	62.71	167.28	5076.24	-341.80	282.01	-188.63	13.50	0.58	15.19	
5325.00	62.96	171.07	5087.65	-363.64	286.18	-187.26	13.50	0.99	15.13	
5350.00	63.31	174.83	5098.95	-385.77	288.92	-184.44	13.50	1.40	15.05	
5375.00	63.76	178.57	5110.10	-408.11	290.20	-180.16	13.50	1.79	14.95	
5400.00	64.30	182.27	5121.05	-430.58	290.04	-174.43	13.50	2.17	14.82	
5425.00	64.94	185.94	5131.77	-453.10	288.42	-167.29	13.50	2.54	14.68	
5450.00	65.66	189.57	5142.22	-475.60	285.35	-158.75	13.50	2.90	14.51	
5475.00	66.47	193.15	5152.36	-498.00	280.85	-148.84	13.50	3.24	14.34	
5500.00	67.36	196.69	5162.17	-520.21	274.93	-137.61	13.50	3.57	14.15	
5525.00	68.33	200.18	5171.60	-542.17	267.60	-125.07	13.50	3.87	13.96	
5550.00	69.37	203.63	5180.62	-563.80	258.90	-111.29	13.50	4.16	13.77	
5575.00	70.48	207.02	5189.20	-585.02	248.86	-96.31	13.50	4.43	13.58	
5600.00	71.65	210.37	5197.32	-605.76	237.51	-80.18	13.50	4.68	13.39	
5625.00	72.87	213.67	5204.94	-625.94	224.88	-62.95	13.50	4.91	13.20	
5650.00	74.15	216.93	5212.03	-645.50	211.03	-44.69	13.50	5.12	13.03	
5675.00	75.48	220.14	5218.58	-664.37	196.00	-25.45	13.50	5.31	12.86	
5700.00	76.85	223.32	5224.56	-682.49	179.85	-5.32	13.50	5.49	12.70	
5725.00	78.26	226.46	5229.95	-699.78	162.62	15.65	13.50	5.64	12.56	
5750.00	79.71	229.56	5234.72	-716.19	144.38	37.39	13.50	5.78	12.43	
5775.00	81.18	232.64	5238.87	-731.67	125.20	59.81	13.50	5.89	12.32	
5800.00	82.68	235.70	5242.38	-746.15	105.13	82.83	13.50	5.99	12.22	
5825.00	84.20	238.73	5245.24	-759.60	84.25	106.39	13.50	6.07	12.14	
5850.00	85.73	241.75	5247.44	-771.96	62.64	130.39	13.50	6.14	12.07	
5875.00	87.28	244.76	5248.96	-783.19	40.35	154.76	13.50	6.19	12.02	
5900.00	88.83	247.75	5249.81	-793.24	17.49	179.40	13.50	6.21	11.99	
5918.75	90.00	250.00	5250.00	-800.00	0.00	198.02	13.50	6.23	11.98	
6000.00	90.00	252.44	5250.00	-826.16	-76.92	279.02	3.00	0.00	3.00	Target #1
6100.00	90.00	255.44	5250.00	-853.82	-173.00	378.96	3.00	0.00	3.00	
6200.00	90.00	258.44	5250.00	-876.42	-270.40	478.93	3.00	0.00	3.00	
6300.00	90.00	261.44	5250.00	-893.89	-368.86	578.64	3.00	0.00	3.00	
6400.00	90.00	264.44	5250.00	-906.19	-468.09	677.82	3.00	0.00	3.00	
6500.00	90.00	267.44	5250.00	-913.27	-567.82	776.21	3.00	0.00	3.00	
6600.00	90.00	270.44	5250.00	-915.12	-667.79	873.53	3.00	0.00	3.00	
6700.00	90.00	273.44	5250.00	-911.74	-767.73	969.51	3.00	0.00	3.00	
6791.80	90.00	276.19	5250.00	-904.04	-859.19	1056.23	3.00	0.00	3.00	
6800.00	90.00	276.19	5250.00	-903.15	-867.34	1063.91	0.00	0.00	0.00	
6900.00	90.00	276.19	5250.00	-892.37	-966.76	1157.56	0.00	0.00	0.00	
7000.00	90.00	276.19	5250.00	-881.58	-1066.18	1251.21	0.00	0.00	0.00	
7100.00	90.00	276.19	5250.00	-870.80	-1165.60	1344.87	0.00	0.00	0.00	
7200.00	90.00	276.19	5250.00	-860.01	-1265.01	1438.52	0.00	0.00	0.00	
7300.00	90.00	276.19	5250.00	-849.23	-1364.43	1532.17	0.00	0.00	0.00	
7400.00	90.00	276.19	5250.00	-838.44	-1463.85	1625.83	0.00	0.00	0.00	
7500.00	90.00	276.19	5250.00	-827.66	-1563.26	1719.48	0.00	0.00	0.00	
7600.00	90.00	276.19	5250.00	-816.87	-1662.68	1813.13	0.00	0.00	0.00	