

State of New Mexico
Energy, Minerals and Natural ResourcesOIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.

30-005-63879

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:

UNERIDLED 1525-28

8. Well Number

1

9. OGRID Number

230387

10. Pool name or Wildcat

WALNUT CREEK, WOLFECAMP GAS POOL

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☐ Gas Well ☒ Other

MAY 23 2008

2. Name of Operator

PARALLEL PETROLEUM CORPORATION

OCD-ARTESIA

3. Address of Operator

1004 N BIG SPRING, SUITE 400, MIDLAND, TX 79701

4. Well Location

Unit Letter I : 1880 feet from the SOUTH line and 237 feet from the EAST lineSection 29 Township 15S Range 25E NMPM County CHAVES

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

GR: 3481

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 COMPLETION ☐OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐CASING TEST AND CEMENT JOB ☒OTHER: GYRODATA SURVEY, OPEN HOLE LOG ATTACHED ☐

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.

05-05-08: TD REACHED @ 9278

05-06-08: RUN 5.5" CSG, 7.875" HOLE, 17# SET @ 9240'

OIL LEAD: 550 SX INTERFILL C + 1/8# POLY-E-FLAKE, 11.9 PPG, 2.47 YLD

TAIL: 450 SX 50/50 POZ + 10# SILICALITE + 0.7% HALAD-344 + 0.7% HR-601 +

1/4# D-AIR, 15 PPG, 2.62 YLD. 114 CENTRALIZERS

TOC: CIRCULATED 123 SX TO SURFACE

WOC: 8 HOURS, TEST CSG TO 1500 PSI FOR 30 MINUTES

ATTACHED: GYRODATA GYRO SURVEY, PATHFINDER MWD SURVEY, OPEN-HOLE LOG

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 on closed according to NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐SIGNATURE Kaye McCormick TITLE SR PROD & REG TECH DATE 05-22-2008Type or print name KAYE MC CORMICKE-mail address: kmccormick@plll.comTelephone No. 432-685-6563

For State Use Only

APPROVED BY _____ TITLE _____ DATE _____

Conditions of Approval, if any:

Accepted for record - NMOCD

A Gyrodata Directional Survey

Field Copy Only, not definitive

for

PARALLEL PETROLEUM

Location: PATRIOT RIG #1, CHAVES COUNTY, NEW MEXICO

Lease: UNBRIDELED 1525-28 Well: #1, 4-1/2 DRILLPIPE

Job Number: MD0408GW200

Run Date: 4/26/2008 5:06:55 PM

Surveyor: JAMES KING

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 32.984330 deg. N Longitude: 104.457390 deg. W

Azimuth Correction:

Gyro: 0.07000 deg East to Grid North

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Well Head Location

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Lease: UNBRIDELED 1525-28 Well: #1, 4-1/2 DRILLPIPE

Job Number: MD0408GW200

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	VERTICAL SECTION feet	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
0.00	0.00	0.00	0.0	0.00	0.00	0.0 0.0	0.00 N 0.00 E

0 - 3744.65 FT RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 4-1/2 DRILLPIPE							
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO PATRIOT RIG 1 RKB(+15 FT)							

100.00	0.55	17.51	0.5	0.55	100.00	0.5 17.5	0.46 N 0.14 E
150.00	0.66	14.25	1.0	0.22	150.00	1.0 16.6	0.97 N 0.29 E
200.00	0.69	12.63	1.5	0.08	199.99	1.6 15.4	1.54 N 0.42 E
250.00	0.81	6.18	2.2	0.29	249.99	2.3 13.6	2.19 N 0.53 E
300.00	0.88	1.85	2.9	0.18	299.98	3.0 11.2	2.92 N 0.58 E
350.00	1.03	357.12	3.8	0.33	349.98	3.8 8.6	3.75 N 0.57 E
400.00	0.97	357.00	4.6	0.12	399.97	4.7 6.5	4.62 N 0.52 E
450.00	0.94	1.57	5.5	0.16	449.96	5.5 5.4	5.46 N 0.51 E
500.00	0.76	6.81	6.2	0.39	499.96	6.2 5.2	6.20 N 0.56 E
550.00	0.75	9.28	6.8	0.07	549.95	6.9 5.5	6.85 N 0.66 E
600.00	0.78	14.97	7.5	0.17	599.95	7.5 6.1	7.51 N 0.80 E
650.00	0.78	33.55	8.1	0.50	649.94	8.2 7.5	8.12 N 1.07 E
700.00	0.77	54.00	8.6	0.55	699.94	8.7 10.1	8.60 N 1.53 E
750.00	0.91	81.29	8.9	0.83	749.93	9.1 13.9	8.86 N 2.20 E
800.00	1.05	95.17	8.9	0.56	799.93	9.4 18.9	8.88 N 3.05 E
850.00	1.35	100.21	8.7	0.63	849.91	9.6 25.1	8.73 N 4.09 E
900.00	1.39	98.38	8.5	0.12	899.90	10.0 31.7	8.54 N 5.27 E
950.00	1.36	99.63	8.3	0.08	949.89	10.6 37.7	8.35 N 6.46 E
1000.00	1.33	93.95	8.2	0.28	999.87	11.2 42.9	8.21 N 7.62 E
1050.00	1.25	92.50	8.2	0.17	1049.86	11.9 47.0	8.15 N 8.74 E

A Gyrodata Directional Survey

PARALLEL PETROLEUM

Location: PATRIOT RIG #1, CHAVES COUNTY, NEW MEXICO

Lease: UNBRIDELED 1525-28 Well: #1, 4-1/2 DRILLPIPE

Job Number: MD0408GW200

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	VERTICAL SECTION feet	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
1100.00	1.16	71.82	8.3	0.88	1099.85	12.8 49.7	8.28 N 9.76 E
1150.00	1.22	71.59	8.6	0.12	1149.84	13.8 51.3	8.61 N 10.75 E
1200.00	1.12	71.92	8.9	0.19	1199.83	14.7 52.7	8.92 N 11.72 E
1250.00	0.98	70.42	9.2	0.28	1249.82	15.6 53.8	9.22 N 12.58 E
1300.00	0.92	70.78	9.5	0.12	1299.81	16.4 54.6	9.50 N 13.37 E
1350.00	0.90	65.33	9.8	0.18	1349.81	17.2 55.2	9.79 N 14.11 E
1400.00	0.75	72.54	10.1	0.36	1399.80	17.9 55.8	10.05 N 14.77 E
1450.00	0.75	72.66	10.3	0.00	1449.80	18.5 56.4	10.25 N 15.40 E
1500.00	0.87	78.42	10.4	0.29	1499.79	19.2 57.1	10.42 N 16.08 E
1550.00	0.95	82.52	10.6	0.20	1549.78	19.9 58.0	10.55 N 16.87 E
1600.00	0.90	80.92	10.7	0.11	1599.78	20.6 58.9	10.67 N 17.67 E
1650.00	0.93	83.06	10.8	0.09	1649.77	21.4 59.7	10.78 N 18.46 E
1700.00	0.92	77.69	10.9	0.17	1699.77	22.1 60.4	10.92 N 19.25 E
1750.00	0.94	72.39	11.1	0.18	1749.76	22.9 61.0	11.13 N 20.04 E
1800.00	0.85	69.95	11.4	0.19	1799.75	23.7 61.3	11.38 N 20.78 E
1850.00	0.87	71.54	11.6	0.06	1849.75	24.4 61.6	11.63 N 21.49 E
1900.00	0.74	64.30	11.9	0.33	1899.74	25.1 61.8	11.88 N 22.13 E
1950.00	0.71	60.99	12.2	0.10	1949.74	25.8 61.8	12.17 N 22.69 E
2000.00	0.72	61.22	12.5	0.02	1999.73	26.4 61.8	12.47 N 23.24 E
2050.00	0.71	67.01	12.8	0.15	2049.73	27.0 61.8	12.75 N 23.80 E
2100.00	0.56	52.75	13.0	0.44	2099.73	27.6 61.8	13.02 N 24.28 E
2150.00	0.55	42.20	13.3	0.21	2149.72	28.0 61.6	13.34 N 24.64 E
2200.00	0.46	33.31	13.7	0.23	2199.72	28.4 61.2	13.69 N 24.91 E
2250.00	0.41	10.89	14.0	0.35	2249.72	28.7 60.8	14.03 N 25.05 E

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PARALLEL PETROLEUM

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Lease: UNBRIDELED 1525-28 Well: #1, 4-1/2 DRILLPIPE

Job Number: MD0408GW200

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	VERTICAL SECTION feet	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
2300.00	0.42	16.27	14.4	0.08	2299.72	29.0 60.2	14.38 N 25.14 E
2350.00	0.38	3.33	14.7	0.20	2349.72	29.2 59.7	14.72 N 25.20 E
2400.00	0.43	348.62	15.1	0.23	2399.72	29.3 59.1	15.07 N 25.17 E
2450.00	0.43	333.72	15.4	0.22	2449.72	29.4 58.4	15.42 N 25.05 E
2500.00	0.57	305.51	15.7	0.55	2499.71	29.3 57.6	15.74 N 24.76 E
2550.00	0.55	304.94	16.0	0.03	2549.71	29.2 56.7	16.02 N 24.37 E
2600.00	0.55	305.31	16.3	0.01	2599.71	29.0 55.8	16.30 N 23.97 E
2650.00	0.51	300.42	16.6	0.12	2649.71	28.8 54.9	16.55 N 23.58 E
2700.00	0.58	300.05	16.8	0.13	2699.71	28.6 54.1	16.79 N 23.17 E
2750.00	0.47	299.38	17.0	0.23	2749.70	28.4 53.2	17.02 N 22.77 E
2800.00	0.53	296.85	17.2	0.14	2799.70	28.2 52.4	17.22 N 22.39 E
2850.00	0.51	292.59	17.4	0.09	2849.70	28.0 51.6	17.41 N 21.97 E
2900.00	0.64	293.19	17.6	0.25	2899.70	27.8 50.7	17.61 N 21.51 E
2950.00	0.63	277.53	17.8	0.35	2949.69	27.5 49.8	17.75 N 20.98 E
3000.00	0.64	283.27	17.9	0.13	2999.69	27.1 48.9	17.85 N 20.44 E
3050.00	0.69	283.85	18.0	0.09	3049.69	26.8 47.8	17.99 N 19.87 E
3100.00	0.73	280.42	18.1	0.11	3099.68	26.4 46.8	18.12 N 19.27 E
3150.00	0.67	278.30	18.2	0.13	3149.68	26.1 45.7	18.22 N 18.66 E
3200.00	0.51	284.50	18.3	0.34	3199.68	25.8 44.8	18.32 N 18.16 E
3250.00	0.42	290.43	18.4	0.20	3249.68	25.6 44.0	18.44 N 17.78 E
3300.00	0.48	281.32	18.5	0.19	3299.67	25.4 43.2	18.54 N 17.40 E
3350.00	0.41	295.00	18.7	0.26	3349.67	25.3 42.4	18.66 N 17.04 E
3400.00	0.43	292.98	18.8	0.06	3399.67	25.2 41.6	18.81 N 16.70 E
3450.00	0.18	284.81	18.9	0.51	3449.67	25.1 41.0	18.90 N 16.45 E

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PARALLEL PETROLEUM

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Job Number: MD0408GW200

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	VERTICAL SECTION feet	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
3500.00	0.17	284.65	18.9	0.03	3499.67	25.0 40.7	18.94 N 16.30 E
3550.00	0.12	4.96	19.0	0.38	3549.67	25.0 40.5	19.01 N 16.24 E
3600.00	0.24	64.37	19.1	0.41	3599.67	25.1 40.5	19.11 N 16.34 E
3650.00	0.23	86.66	19.2	0.18	3649.67	25.3 40.8	19.16 N 16.53 E
3700.00	0.33	98.31	19.1	0.24	3699.67	25.5 41.2	19.14 N 16.77 E
3744.65	0.47	92.23	19.1	0.31	3744.32	25.6 41.8	19.11 N 17.08 E

Final Station Closure: Distance: 25.64 ft Az: 41.79 deg.

Parallel Petroleum Corp.

Unbridled 1525-28 #1

Unbridled 1525-28 #1

Unbridled 1525-28 #1

Original Hole

Survey: MWD

Pathfinder Standard X & Y Report

06 May, 2008

WHS

Pathfinder Standard X & Y Report

Company:	Parallel Petroleum Corp.	Local Co-ordinate Reference:	Well Unbridled 1525-28 #1
Project:	Unbridled 1525-28 #1	TVD Reference:	EST RKB @ 3481.00ft
Site:	Unbridled 1525-28 #1	MD Reference:	EST RKB @ 3481.00ft
Well:	Unbridled 1525-28 #1	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 2003.16 Single User Db

Project	Unbridled 1525-28 #1		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Unbridled 1525-28 #1		
Site Position:		Northing:	721,749.700 ft
From:	Map	Easting:	462,187.000 ft
Position Uncertainty:	0.00 ft	Slot Radius:	"
		Latitude:	32° 59' 2.754 N
		Longitude:	104° 27' 23.933 W
		Grid Convergence:	-0.07 °

Well	Unbridled 1525-28 #1		
Well Position	+N/-S	0.00 ft	Northing:
	+E/-W	0.00 ft	Easting:
Position Uncertainty		0.00 ft	Wellhead Elevation:
			ft
			Latitude:
			32° 59' 2.754 N
			Longitude:
			104° 27' 23.933 W
			Ground Level:
			3,481.00 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	4/27/2008	8.41	60.82	49,309

Design	Original Hole			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth:
				0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	90.27

WHS

Pathfinder Standard X & Y Report

Company: Parallel Petroleum Corp.
Project: Unbridled 1525-28 #1
Site: Unbridled 1525-28 #1
Well: Unbridled 1525-28 #1
Wellbore: Original Hole
Design: Original Hole

Local Co-ordinate Reference: Well Unbridled 1525-28 #1
TVD Reference: EST RKB @ 3481.00ft
MD Reference: EST RKB @ 3481.00ft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single User Db

Survey Program		Date	5/5/2008		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
100.00	3,744.70	Gyro Survey (Original Hole)	NS-GYRO-MS	North sensing gyrocompassing m	
3,831.00	9,278.00	MWD (Original Hole)	MWD	MWD - Standard	

Survey										
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	TFace (°)	
3,744.70	0.47	92.23	3,744.37	263.37	19.11	17.08	16.99	0.00	0.00	
3,831.00	0.88	95.06	3,830.66	349.66	19.04	18.09	18.00	0.48	6.06	
3,926.00	1.14	99.18	3,925.65	444.65	18.82	19.75	19.66	0.28	17.67	
3,990.00	0.97	95.79	3,989.64	508.64	18.67	20.92	20.83	0.28	-161.53	
4,022.00	2.73	93.80	4,021.62	540.62	18.59	21.95	21.86	5.50	-3.09	
4,054.00	5.89	94.35	4,053.52	572.52	18.41	24.35	24.26	9.88	1.02	
4,085.00	9.23	95.21	4,084.25	603.25	18.07	28.41	28.32	10.78	2.37	
4,117.00	12.57	93.39	4,115.67	634.67	17.63	34.44	34.36	10.49	-6.78	
4,149.00	14.95	93.29	4,146.75	665.75	17.19	42.04	41.96	7.44	-0.62	
4,181.00	16.71	91.84	4,177.53	696.53	16.80	50.76	50.68	5.64	-13.36	
4,213.00	18.47	91.08	4,208.04	727.04	16.56	60.43	60.35	5.55	-7.80	
4,244.00	20.40	90.25	4,237.27	756.27	16.44	70.74	70.66	6.29	-8.54	
4,276.00	22.42	89.87	4,267.06	786.06	16.43	82.42	82.34	6.33	-4.11	
4,308.00	24.18	90.76	4,296.45	815.45	16.36	95.08	95.00	5.61	11.72	
4,340.00	25.85	92.05	4,325.44	844.44	16.02	108.60	108.53	5.49	18.67	
4,372.00	27.52	93.06	4,354.04	873.04	15.38	122.96	122.89	5.41	15.65	
4,403.00	29.37	92.77	4,381.29	900.29	14.63	137.71	137.64	5.98	-4.40	
4,435.00	31.48	92.33	4,408.88	927.88	13.91	153.89	153.83	6.63	-6.22	
4,467.00	33.50	92.04	4,435.87	954.87	13.25	171.07	171.00	6.33	-4.53	
4,499.00	35.17	92.18	4,462.30	981.30	12.59	189.11	189.04	5.22	2.77	
4,531.00	36.76	91.69	4,488.20	1,007.20	11.96	207.89	207.83	5.05	-10.46	

WHS

Pathfinder Standard X & Y Report

Company:	Parallel Petroleum Corp.	Local Co-ordinate Reference:	Well Unbridled 1525-28 #1
Project:	Unbridled 1525-28 #1	TVD Reference:	EST RKB @ 3481.00ft
Site:	Unbridled 1525-28 #1	MD Reference:	EST RKB @ 3481.00ft
Well:	Unbridled 1525-28 #1	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 2003.16 Single User Db

Survey									
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	TFace (°)
4,563.00	38.34	91.22	4,513.57	1,032.57	11.46	227.38	227.33	5.02	-10.46
4,594.00	39.83	90.82	4,537.63	1,056.63	11.12	246.92	246.87	4.87	-9.76
4,626.00	41.33	90.86	4,561.93	1,080.93	10.81	267.74	267.68	4.69	1.01
4,658.00	42.47	90.89	4,585.75	1,104.75	10.48	289.10	289.05	3.56	1.02
4,690.00	43.62	90.73	4,609.13	1,128.13	10.18	310.94	310.89	3.61	-5.48
4,722.00	45.02	89.88	4,632.03	1,151.03	10.06	333.30	333.25	4.75	-23.29
4,753.00	46.60	89.20	4,653.64	1,172.64	10.24	355.53	355.47	5.33	-17.39
4,785.00	48.54	88.89	4,675.22	1,194.22	10.63	379.14	379.09	6.10	-6.83
4,817.00	50.56	89.40	4,695.98	1,214.98	10.99	403.49	403.43	6.43	11.04
4,849.00	51.88	90.31	4,716.03	1,235.03	11.06	428.43	428.38	4.68	28.54
4,880.00	53.29	91.08	4,734.86	1,253.86	10.76	453.05	453.00	4.96	23.68
4,912.00	54.43	91.43	4,753.73	1,272.73	10.19	478.89	478.84	3.67	14.03
4,944.00	55.66	91.11	4,772.07	1,291.07	9.61	505.11	505.06	3.93	-12.13
4,976.00	56.63	91.14	4,789.89	1,308.89	9.09	531.68	531.63	3.03	1.48
5,008.00	57.86	91.21	4,807.21	1,326.21	8.53	558.58	558.54	3.85	2.76
5,040.00	61.47	91.36	4,823.37	1,342.37	7.91	586.19	586.15	11.29	2.09
5,071.00	65.51	91.84	4,837.20	1,356.20	7.14	613.91	613.87	13.11	6.18
5,103.00	67.53	91.52	4,849.95	1,368.95	6.28	643.25	643.21	6.38	-8.33
5,135.00	69.56	91.74	4,861.65	1,380.65	5.43	673.02	672.99	6.38	5.80
5,167.00	71.23	91.85	4,872.39	1,391.39	4.49	703.15	703.12	5.23	3.57
5,199.00	74.57	91.26	4,881.80	1,400.80	3.66	733.72	733.69	10.59	-9.67
5,230.00	76.94	90.56	4,889.43	1,408.43	3.18	763.76	763.74	7.95	-16.06
5,262.00	79.84	89.76	4,895.87	1,414.87	3.10	795.10	795.08	9.39	-15.20
5,294.00	81.34	89.54	4,901.10	1,420.10	3.29	826.67	826.64	4.74	-8.25
5,326.00	83.01	89.53	4,905.45	1,424.45	3.55	858.37	858.34	5.22	-0.34
5,357.00	84.59	90.64	4,908.80	1,427.80	3.50	889.19	889.16	6.22	34.99
5,389.00	86.53	90.70	4,911.28	1,430.28	3.13	921.09	921.06	6.07	1.77

WHS

Pathfinder Standard X & Y Report

Company:	Parallel Petroleum Corp.	Local Co-ordinate Reference:	Well Unbridled 1525-28 #1
Project:	Unbridled 1525-28 #1	TVD Reference:	EST RKB @ 3481.00ft
Site:	Unbridled 1525-28 #1	MD Reference:	EST RKB @ 3481.00ft
Well:	Unbridled 1525-28 #1	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 2003.16 Single User Db

Survey									
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	TFace (°)
5,420.00	89.08	90.63	4,912.47	1,431.47	2.77	952.06	952.03	8.23	-1.57
5,450.00	89.69	90.31	4,912.79	1,431.79	2.52	982.06	982.03	2.30	-27.68
5,481.00	90.04	90.55	4,912.86	1,431.86	2.29	1,013.05	1,013.03	1.37	34.44
5,574.00	89.52	91.39	4,913.22	1,432.22	0.71	1,106.04	1,106.02	1.06	121.76
5,667.00	89.78	90.57	4,913.79	1,432.79	-0.88	1,199.02	1,199.01	0.92	-72.41
5,759.00	89.96	90.49	4,914.00	1,433.00	-1.73	1,291.02	1,291.01	0.21	-23.96
5,852.00	87.93	90.60	4,915.71	1,434.71	-2.61	1,383.99	1,383.99	2.19	176.90
5,945.00	87.05	90.89	4,919.78	1,438.78	-3.82	1,476.90	1,476.90	1.00	161.78
6,037.00	86.70	91.14	4,924.80	1,443.80	-5.45	1,568.74	1,568.75	0.47	144.51
6,130.00	87.76	90.65	4,929.29	1,448.29	-6.90	1,661.62	1,661.64	1.26	-24.80
6,222.00	87.67	91.17	4,932.96	1,451.96	-8.36	1,753.54	1,753.56	0.57	99.84
6,315.00	89.69	90.81	4,935.10	1,454.10	-9.96	1,846.49	1,846.52	2.21	-10.11
6,411.00	88.81	89.92	4,936.36	1,455.36	-10.58	1,942.48	1,942.51	1.30	-134.68
6,506.00	91.19	90.31	4,936.36	1,455.36	-10.77	2,037.47	2,037.50	2.54	9.31
6,602.00	91.80	90.28	4,933.85	1,452.85	-11.26	2,133.44	2,133.47	0.64	-2.81
6,697.00	89.60	90.44	4,932.69	1,451.69	-11.86	2,228.43	2,228.46	2.32	175.84
6,792.00	86.35	88.84	4,936.05	1,455.05	-11.26	2,323.35	2,323.38	3.81	-153.83
6,888.00	86.97	89.52	4,941.64	1,460.64	-9.89	2,419.17	2,419.19	0.96	47.61
6,983.00	87.32	89.89	4,946.37	1,465.37	-9.40	2,514.06	2,514.07	0.54	46.56
7,078.00	89.43	90.59	4,949.07	1,468.07	-9.80	2,609.01	2,609.03	2.34	18.36
7,174.00	88.20	88.88	4,951.05	1,470.05	-9.36	2,704.98	2,705.00	2.19	-125.75
7,269.00	90.31	88.85	4,952.29	1,471.29	-7.48	2,799.95	2,799.96	2.22	-0.81
7,364.00	91.71	88.45	4,950.61	1,469.61	-5.24	2,894.91	2,894.90	1.53	-15.94
7,460.00	91.36	88.05	4,948.04	1,467.04	-2.31	2,990.83	2,990.81	0.55	-131.19
7,555.00	92.24	88.51	4,945.06	1,464.06	0.54	3,085.74	3,085.70	1.05	27.58
7,650.00	90.66	88.73	4,942.65	1,461.65	2.83	3,180.68	3,180.63	1.68	172.07
7,746.00	87.85	89.57	4,943.90	1,462.90	4.25	3,276.65	3,276.59	3.06	163.36

WHS
Pathfinder Standard X & Y Report

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Project:	Unbridled 1525-28 #1	TVD Reference:	EST RKB @ 3481.00ft
Site:	Unbridled 1525-28 #1	MD Reference:	EST RKB @ 3481.00ft
Well:	Unbridled 1525-28 #1	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 2003.16 Single User Db

Survey									
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	TFace (°)
7,841.00	88.90	89.96	4,946.60	1,465.60	4.64	3,371.61	3,371.55	1.18	20.37
7,937.00	89.52	91.55	4,947.92	1,466.92	3.38	3,467.59	3,467.53	1.78	68.71
8,032.00	89.34	92.82	4,948.87	1,467.87	-0.24	3,562.51	3,562.47	1.35	98.07
8,127.00	88.20	94.02	4,950.90	1,469.90	-5.91	3,657.32	3,657.30	1.74	133.55
8,223.00	87.85	93.31	4,954.21	1,473.21	-12.04	3,753.06	3,753.08	0.82	-116.27
8,318.00	85.65	92.10	4,959.60	1,478.60	-16.52	3,847.80	3,847.83	2.64	-151.26
8,413.00	86.17	91.90	4,966.37	1,485.37	-19.83	3,942.50	3,942.54	0.59	-21.00
8,509.00	86.79	91.16	4,972.27	1,491.27	-22.38	4,038.28	4,038.34	1.00	-50.01
8,604.00	87.41	90.97	4,977.07	1,496.07	-24.15	4,133.14	4,133.21	0.68	-17.02
8,699.00	87.76	90.40	4,981.08	1,500.08	-25.28	4,228.05	4,228.12	0.70	-58.44
8,795.00	89.69	90.07	4,983.21	1,502.21	-25.67	4,324.02	4,324.09	2.04	-9.70
8,890.00	90.48	90.58	4,983.07	1,502.07	-26.21	4,419.02	4,419.09	0.99	32.85
8,986.00	90.92	90.72	4,981.90	1,500.90	-27.30	4,515.00	4,515.08	0.48	17.65
9,081.00	89.52	90.74	4,981.54	1,500.54	-28.51	4,609.99	4,610.08	1.47	179.18
9,177.00	88.37	90.84	4,983.30	1,502.30	-29.84	4,705.97	4,706.05	1.20	175.03
9,208.00	88.02	90.36	4,984.28	1,503.28	-30.16	4,736.95	4,737.04	1.92	-126.12
9,278.00	88.02	90.36	4,986.70	1,505.70	-30.60	4,806.90	4,807.00	0.00	0.00

WHS
Pathfinder Standard X & Y Report

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Project:	Unbridled 1525-28 #1	TVD Reference:	EST RKB @ 3481.00ft
Site:	Unbridled 1525-28 #1	MD Reference:	EST RKB @ 3481.00ft
Well:	Unbridled 1525-28 #1	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 2003.16 Single User Db

Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
- Shape									
PBHL	0.00	360.00	4,982.10	-22.50	4,834.70	721,727.200	467,021.700	32° 59' 2.584 N	104° 26' 27.172 W
- survey misses by 29.31ft at 9278.00ft MD (4986.70 TVD, -30.60 N, 4806.90 E)									
- Point									

Survey Annotations				
Measured Depth	Vertical Depth	Local Coordinates		Comment
(ft)	(ft)	+N/-S (ft)	+E/-W (ft)	
5,361.23	4,909.19	3.45	893.40	Interp. HL Xing @ 5361.23' MD, 4909.19' TVD
5,361.23	4,909.19	3.45	893.40	3.45 Northing, 893.40 Easting
9,278.00	4,986.70	-30.60	4,806.90	Projection to Bit @ 9278' MD
9,278.00	4,986.70	-30.60	4,806.90	-30.6 Northing, 4806.9' Easting

Checked By: _____	Approved By: _____	Date: _____
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