

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
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

S

WELL API NO. 30-015-35857
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: PARIS DRAW STATE UNIT 1624-20
8. Well Number 8
9. OGRID Number 230387
10. Pool name or Wildcat COTTONWOOD CREEK, WOLF CAMP

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 - 5 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 <u>A</u> : <u>760</u> feet from the <u>NORTH</u> line and <u>213</u> feet from the <u>EAST</u> line Section <u>20</u> Township <u>16S</u> Range <u>24E</u> NMPM County <u>EDDY</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GR: 3638	
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: TD, PROD CSG, SURVEYS ☒

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.

04-16-2008: REACH TD @ 8363 MD

04-17-2008: RUN 5.5 CSG TO 7648. NO

LEAD: CMT W/450 SX INTERFIL C + 1/8# POLY E FLAKE, 11.9 PPG, 2.47 YLD

TAIL: CMT W/450 SX 50/50 POZ + 10# SILICALITE + 0.7% HALAD-344 + 0.7% HR-601 + 1/4# DAIR,
15 PPG, 2.62 YLD; 110 CENTRALIZERS

TOC: 100' FROM TEMP LOG ATTACHED

WOC: 12.5 HR TEST CASING TO 1500 PSI FOR 30 MINUTES

GYRODATA SURVEY, PATHFINDER MWD SURVEY & MUD LOG ATTACHED (NO ELECTRIC LOGS RUN)

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 ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Kaye McCormick TITLE SR PROD & REG TECH DATE 05-02-2008

Type or print name KAYE MC CORMICK

E-mail address: kmccormick@plll.com
Telephone No. 432-685-6563

For State Use Only

APPROVED BY Kimberly M. Wilson TITLE Compliance Officer DATE 5-7-08

Conditions of Approval, if any:

Keltic Services, Inc
Box 1857
Artesia, NM
88211

505 748 3759

Temperature Survey

Company	PARALLEL PETRO CORP.	Date	04/17/08
Well	PARIS DRAW 1624-20 ST UNIT #8	Time Plug Down	1700 hrs
		Time Start Survey	1100 hrs
		Time End Survey	30 hrs
Casing String	LONG STRING	Depth Reached	2000 ft
Cement Top	100 ft.		
Gauge	205		
Operator:	Julian	Witness:	RICK POINDEXTER

Accepted for record
NMOCD

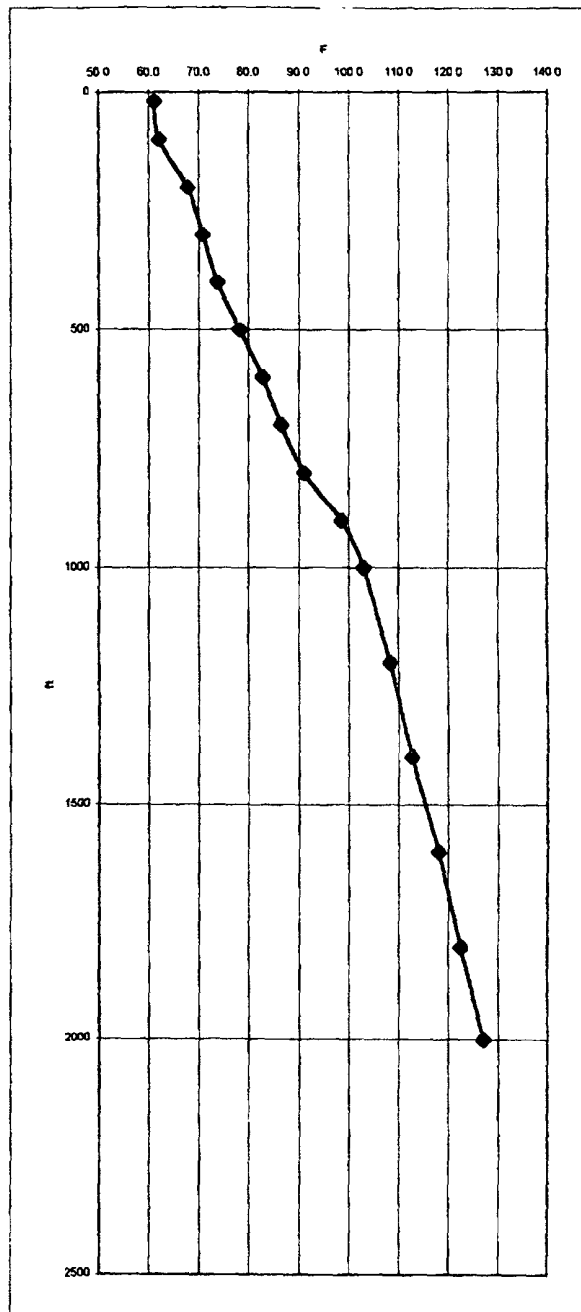
Keltic Services Inc
Temperature Survey

Company PARALLEL PETRO CORP.
Well PARIS DRAW 1624-20 ST UNIT #8

Date 4/17/08
Plug Down 1700 hrs
Survey Start 1100 hrs
Operator Julian

Cement Top 100 ft

Depth ft	Temp. °F	Comments
20	61.1	
100	62.1	CT
200	67.8	
300	70.8	
400	73.8	
500	78.3	
600	82.8	
700	86.5	
800	91.0	
900	98.5	
1000	103.0	
1200	108.3	
1400	112.8	
1600	118.0	
1800	122.5	
2000	127.0	



Accepted for record
NMOCD

A Gyrodata Directional Survey

Field Copy Only, not definitive

for

PARALLEL PETROLEUM

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

Lease: PARIS DRAW STATE COMM 1624-20 Well: # 8, 4-1/2 DRILLPIPE

Job Number: MD0408GW176

Run Date: 4/9/2008 12:46:18 PM

Surveyor: JAMES KING

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 32.913430 deg. N Longitude: 104.603630 deg. E

Azimuth Correction:

Gyro: 0.15000 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

Accepted for record
NMOCD

A Gyrodata Directional Survey

PARALLEL PETROLEUM

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

Lease: PARIS DRAW STATE COMM 1624-20 Well: # 8, 4-1/2 DRILLPIPE

Job Number: MD0408GW176

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 3384.49 FT RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 4-1/2 DRILLPIPE							
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO PATRIOT RIG 1 RKB (+13FT)							

100.00	0.66	312.71	0.4	0.66	100.00	0.6 312.7	0.39 N 0.43 W
150.00	1.06	299.25	0.8	0.89	149.99	1.3 308.0	0.82 N 1.04 W
200.00	1.24	289.93	1.2	0.51	199.98	2.3 302.1	1.23 N 1.95 W
250.00	1.44	292.09	1.6	0.41	249.97	3.5 298.4	1.65 N 3.04 W
300.00	1.48	292.91	2.1	0.09	299.95	4.7 296.8	2.13 N 4.22 W
350.00	1.54	286.52	2.6	0.36	349.93	6.0 295.3	2.57 N 5.45 W
400.00	1.65	281.03	2.9	0.39	399.92	7.4 293.1	2.90 N 6.80 W
450.00	1.88	275.09	3.1	0.58	449.89	8.9 290.5	3.11 N 8.33 W
500.00	1.79	273.08	3.2	0.22	499.87	10.4 288.0	3.23 N 9.93 W
550.00	1.94	263.85	3.2	0.66	549.84	12.0 285.4	3.18 N 11.55 W
600.00	2.18	261.65	3.0	0.52	599.81	13.7 282.5	2.95 N 13.33 W
650.00	2.35	259.56	2.6	0.38	649.77	15.5 279.8	2.63 N 15.28 W
700.00	2.55	259.97	2.3	0.39	699.72	17.5 277.4	2.25 N 17.39 W
750.00	2.51	255.48	1.8	0.40	749.67	19.6 275.2	1.78 N 19.54 W
800.00	2.59	257.82	1.3	0.27	799.62	21.7 273.3	1.27 N 21.70 W
850.00	2.26	257.93	0.8	0.66	849.58	23.8 272.0	0.82 N 23.77 W
900.00	2.37	257.82	0.4	0.22	899.54	25.8 270.9	0.40 N 25.75 W
950.00	2.19	257.06	-0.0	0.37	949.50	27.7 269.9	0.03 S 27.69 W
1000.00	2.19	253.71	-0.5	0.26	999.46	29.5 269.0	0.51 S 29.53 W
1050.00	2.11	253.92	-1.0	0.16	1049.43	31.4 268.1	1.04 S 31.33 W

A Gyrodata Directional Survey

PARALLEL PETROLEUM

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

Lease: PARIS DRAW STATE COMM 1624-20 Well: # 8, 4-1/2 DRILLPIPE

Job Number: MD0408GW176

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	2.15	257.96	-1.5	0.31	1099.39	33.2 267.4	1.49 S 33.13 W
1150.00	2.25	255.02	-1.9	0.30	1149.36	35.1 266.8	1.94 S 35.00 W
1200.00	2.16	257.57	-2.4	0.26	1199.32	36.9 266.3	2.39 S 36.87 W
1250.00	2.13	257.58	-2.8	0.08	1249.28	38.8 265.9	2.80 S 38.69 W
1300.00	2.07	257.91	-3.2	0.11	1299.25	40.6 265.5	3.18 S 40.48 W
1350.00	1.96	261.39	-3.5	0.33	1349.22	42.4 265.3	3.50 S 42.21 W
1400.00	2.09	261.69	-3.8	0.25	1399.19	44.1 265.1	3.76 S 43.96 W
1450.00	2.02	263.00	-4.0	0.17	1449.16	45.9 265.0	4.00 S 45.73 W
1500.00	2.05	263.18	-4.2	0.06	1499.13	47.7 264.9	4.21 S 47.49 W
1550.00	1.87	262.73	-4.4	0.35	1549.10	49.4 264.9	4.42 S 49.19 W
1600.00	1.86	264.29	-4.6	0.10	1599.07	51.0 264.8	4.61 S 50.81 W
1650.00	1.74	264.70	-4.8	0.26	1649.04	52.6 264.8	4.76 S 52.38 W
1700.00	1.61	263.12	-4.9	0.26	1699.02	54.1 264.8	4.91 S 53.83 W
1750.00	1.39	266.26	-5.0	0.48	1749.01	55.4 264.8	5.04 S 55.13 W
1800.00	1.39	265.91	-5.1	0.02	1798.99	56.6 264.8	5.12 S 56.34 W
1850.00	1.41	268.73	-5.2	0.15	1848.98	57.8 264.9	5.18 S 57.56 W
1900.00	1.40	266.69	-5.2	0.10	1898.96	59.0 264.9	5.23 S 58.79 W
1950.00	1.41	269.84	-5.3	0.16	1948.95	60.2 265.0	5.26 S 60.01 W
2000.00	1.43	273.75	-5.2	0.20	1998.93	61.5 265.1	5.22 S 61.25 W
2050.00	1.48	273.74	-5.1	0.11	2048.91	62.7 265.3	5.14 S 62.52 W
2100.00	1.38	272.77	-5.1	0.21	2098.90	64.0 265.5	5.07 S 63.76 W
2150.00	1.45	269.89	-5.0	0.20	2148.88	65.2 265.6	5.04 S 65.00 W
2200.00	1.48	272.63	-5.0	0.15	2198.87	66.5 265.7	5.01 S 66.27 W
2250.00	1.47	273.47	-4.9	0.04	2248.85	67.7 265.8	4.94 S 67.56 W

A Gyrodata Directional Survey

PARALLEL PETROLEUM

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

Lease: PARIS DRAW STATE COMM 1624-20 Well: # 8, 4-1/2 DRILLPIPE

Job Number: MD0408GW176

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	1.46	273.91	-4.9	0.04	2298.83	69.0 266.0	4.86 S 68.83 W
2350.00	1.40	278.70	-4.7	0.26	2348.82	70.2 266.1	4.73 S 70.07 W
2400.00	1.43	281.97	-4.5	0.17	2398.80	71.4 266.4	4.50 S 71.28 W
2450.00	1.54	287.68	-4.2	0.37	2448.79	72.7 266.7	4.17 S 72.53 W
2500.00	1.36	293.32	-3.7	0.46	2498.77	73.8 267.1	3.73 S 73.72 W
2550.00	1.38	304.95	-3.1	0.56	2548.76	74.8 267.6	3.15 S 74.75 W
2600.00	1.38	308.19	-2.4	0.16	2598.74	75.8 268.2	2.44 S 75.72 W
2650.00	1.42	301.77	-1.7	0.32	2648.73	76.7 268.7	1.74 S 76.72 W
2700.00	1.52	298.90	-1.1	0.25	2698.71	77.8 269.2	1.09 S 77.83 W
2750.00	1.38	301.27	-0.5	0.30	2748.70	78.9 269.7	0.45 S 78.93 W
2800.00	1.25	300.87	0.1	0.28	2798.68	79.9 270.1	0.14 N 79.91 W
2850.00	1.09	291.02	0.6	0.51	2848.67	80.8 270.4	0.59 N 80.82 W
2900.00	1.11	298.49	1.0	0.29	2898.66	81.7 270.7	0.99 N 81.69 W
2950.00	0.89	298.49	1.4	0.44	2948.65	82.5 271.0	1.40 N 82.46 W
3000.00	0.79	290.20	1.7	0.31	2998.65	83.1 271.2	1.71 N 83.12 W
3050.00	0.75	296.16	2.0	0.18	3048.64	83.8 271.3	1.97 N 83.74 W
3100.00	0.53	311.27	2.3	0.56	3098.64	84.2 271.5	2.27 N 84.21 W
3150.00	0.41	328.13	2.6	0.37	3148.64	84.5 271.7	2.57 N 84.47 W
3200.00	0.46	330.65	2.9	0.12	3198.64	84.7 272.0	2.90 N 84.67 W
3250.00	0.45	350.70	3.3	0.32	3248.64	84.9 272.2	3.27 N 84.80 W
3300.00	0.39	7.75	3.6	0.27	3298.64	84.9 272.5	3.63 N 84.80 W
3350.00	0.35	24.74	3.9	0.24	3348.63	84.8 272.7	3.94 N 84.72 W
3384.49	0.51	37.33	4.2	0.53	3383.12	84.7 272.8	4.15 N 84.58 W

A Gyrodata Directional Survey

PARALLEL PETROLEUM

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

Lease: PARIS DRAW STATE COMM 1624-20 Well: # 8, 4-1/2 DRILLPIPE

Job Number: MD0408GW176

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
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Final Station Closure: Distance: 84.68 ft Az: 272.81 deg.

WHS

Pathfinder Standard X & Y Report

Company:	Parallel Petroleum Corp.	Local Co-ordinate Reference:	Well Paris Draw State Unit 1624-20 #8
Project:	Paris Draw State Unit 1624-20 #8	TVD Reference:	EST RKB @ 3638.00ft (Patriot 1)
Site:	S20 T16S R24E	MD Reference:	EST RKB @ 3638.00ft (Patriot 1)
Well:	Paris Draw State Unit 1624-20 #8	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 2003.16 Single User Db

Survey Program	Date 4/17/2008			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
100.00	3,384.50	Gyro Survey (Original Hole)	NS-GYRO-MS	North sensing gyrocompassing m
3,502.00	8,363.00	Survey #1 (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 (°)	
3,384.50	0.51	37.33	3,383.13	-254.87	4.15	-84.58	84.58	0.00	0.00	
3,439.00	0.62	48.68	3,437.63	-200.37	4.54	-84.21	84.21	0.29	50.14	
3,534.00	0.26	30.86	3,532.63	-105.37	5.06	-83.72	83.71	0.40	-167.94	
3,630.00	0.18	352.55	3,628.63	-9.37	5.40	-83.63	83.62	0.17	-136.78	
3,704.00	0.35	342.89	3,702.63	64.63	5.73	-83.71	83.70	0.24	-19.59	
3,735.00	0.26	350.57	3,733.63	95.63	5.89	-83.75	83.74	0.32	159.38	
3,799.00	0.88	266.83	3,797.62	159.62	6.01	-84.26	84.25	1.39	-100.62	
3,831.00	4.57	261.14	3,829.58	191.58	5.80	-85.77	85.76	11.55	-7.04	
3,863.00	8.53	263.68	3,861.37	223.37	5.34	-89.39	89.38	12.41	5.45	
3,894.00	12.22	265.08	3,891.85	253.85	4.81	-94.94	94.94	11.93	4.60	
3,926.00	16.36	264.71	3,922.86	284.86	4.10	-102.81	102.80	12.94	-1.44	
3,958.00	20.40	265.71	3,953.22	315.22	3.27	-112.86	112.86	12.66	4.94	
3,990.00	23.92	266.85	3,982.85	344.85	2.49	-124.90	124.90	11.08	7.49	
4,022.00	27.52	267.19	4,011.68	373.68	1.77	-138.77	138.77	11.26	2.50	
4,053.00	31.39	267.98	4,038.66	400.66	1.14	-154.00	154.00	12.55	6.08	
4,085.00	34.82	268.92	4,065.47	427.47	0.67	-171.47	171.46	10.84	8.91	
4,117.00	38.25	269.53	4,091.17	453.17	0.42	-190.51	190.51	10.78	6.29	
4,149.00	41.94	270.24	4,115.65	477.65	0.38	-211.12	211.12	11.62	7.34	
4,181.00	45.55	270.40	4,138.76	500.76	0.51	-233.24	233.24	11.29	1.81	
4,213.00	49.51	270.24	4,160.36	522.36	0.64	-256.84	256.84	12.38	-1.76	
4,244.00	53.38	270.06	4,179.68	541.68	0.70	-281.08	281.07	12.49	-2.14	

WHS

Pathfinder Standard X & Y Report

Company:	Parallel Petroleum Corp.	Local Co-ordinate Reference:	Well Paris Draw State Unit 1624-20 #8
Project:	Paris Draw State Unit 1624-20 #8	TVD Reference:	EST RKB @ 3638.00ft (Patriot 1)
Site:	S20 T16S R24E	MD Reference:	EST RKB @ 3638.00ft (Patnot 1)
Well:	Paris Draw State Unit 1624-20 #8	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 (°)
4,276.00	56.89	270.50	4,197.97	559.97	0.83	-307.33	307.33	11.03	6.00
4,308.00	60.67	270.74	4,214.56	576.56	1.13	-334.69	334.68	11.83	3.17
4,340.00	64.54	271.07	4,229.28	591.28	1.58	-363.09	363.09	12.13	4.41
4,371.00	68.24	270.62	4,241.69	603.69	1.99	-391.49	391.48	12.01	-6.45
4,402.00	72.28	270.38	4,252.16	614.16	2.25	-420.66	420.65	13.05	-3.24
4,434.00	76.06	269.65	4,260.89	622.89	2.25	-451.44	451.43	12.01	-10.63
4,465.00	79.93	269.05	4,267.33	629.33	1.91	-481.75	481.75	12.63	-8.69
4,497.00	83.71	269.05	4,271.89	633.89	1.38	-513.42	513.41	11.81	0.00
4,529.00	87.76	269.36	4,274.26	636.26	0.94	-545.32	545.32	12.69	4.38
4,561.00	90.13	268.61	4,274.85	636.85	0.38	-577.30	577.30	7.77	-17.57
4,653.00	89.87	268.61	4,274.85	636.85	-1.86	-669.28	669.28	0.28	180.00
4,746.00	92.15	269.41	4,273.21	635.21	-3.46	-762.24	762.25	2.60	19.33
4,808.00	93.21	269.88	4,270.32	632.32	-3.85	-824.17	824.18	1.87	23.88
4,900.00	90.75	269.74	4,267.14	629.14	-4.15	-916.11	916.11	2.68	-176.74
4,993.00	90.40	269.47	4,266.20	628.20	-4.79	-1,009.10	1,009.11	0.48	-142.35
5,086.00	91.89	269.74	4,264.35	626.35	-5.43	-1,102.08	1,102.09	1.63	10.27
5,179.00	92.15	269.30	4,261.07	623.07	-6.21	-1,195.02	1,195.02	0.55	-59.40
5,271.00	90.92	268.60	4,258.60	620.60	-7.90	-1,286.97	1,286.98	1.54	-150.35
5,364.00	91.80	268.48	4,256.40	618.40	-10.27	-1,379.91	1,379.92	0.95	-7.76
5,456.00	90.31	267.38	4,254.70	616.70	-13.59	-1,471.83	1,471.85	2.01	-143.56
5,552.00	91.10	268.08	4,253.52	615.52	-17.39	-1,567.75	1,567.77	1.10	41.54
5,647.00	90.57	267.64	4,252.14	614.14	-20.94	-1,662.67	1,662.69	0.73	-140.30
5,743.00	91.28	267.78	4,250.59	612.59	-24.77	-1,758.58	1,758.61	0.75	11.15
5,838.00	90.66	267.27	4,248.98	610.98	-28.88	-1,853.48	1,853.51	0.85	-140.56
5,933.00	91.28	266.97	4,247.37	609.37	-33.65	-1,948.34	1,948.38	0.72	-25.82
6,029.00	89.78	267.32	4,246.48	608.48	-38.43	-2,044.22	2,044.26	1.60	166.86
6,124.00	91.01	269.20	4,245.83	607.83	-41.31	-2,139.16	2,139.21	2.36	56.80

WHS

Pathfinder Standard X & Y Report

Company:	Parallel Petroleum Corp.	Local Co-ordinate Reference:	Well Paris Draw State Unit 1624-20 #8
Project:	Paris Draw State Unit 1624-20 #8	TVD Reference:	EST RKB @ 3638.00ft (Patriot 1)
Site:	S20 T16S R24E	MD Reference:	EST RKB @ 3638.00ft (Patriot 1)
Well:	Paris Draw State Unit 1624-20 #8	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 (°)
6,220.00	92.07	269.79	4,243.25	605.25	-42.16	-2,235.12	2,235.17	1.26	29.08
6,315.00	91.63	269.22	4,240.18	602.18	-42.98	-2,330.07	2,330.12	0.76	-127.67
6,410.00	90.31	268.09	4,238.57	600.57	-45.21	-2,425.03	2,425.08	1.83	-139.43
6,506.00	89.96	267.36	4,238.35	600.35	-49.02	-2,520.95	2,521.01	0.84	-115.61
6,601.00	91.36	270.04	4,237.25	599.25	-51.18	-2,615.91	2,615.97	3.18	62.41
6,697.00	91.80	270.25	4,234.60	596.60	-50.93	-2,711.87	2,711.93	0.51	25.50
6,792.00	90.22	268.95	4,232.93	594.93	-51.60	-2,806.85	2,806.91	2.15	-140.54
6,887.00	90.40	270.46	4,232.42	594.42	-52.09	-2,901.84	2,901.90	1.60	83.20
6,983.00	91.10	270.95	4,231.16	593.16	-50.90	-2,997.83	2,997.89	0.89	34.99
7,078.00	90.75	269.75	4,229.63	591.63	-50.32	-3,092.81	3,092.87	1.32	-106.25
7,173.00	90.04	270.44	4,228.97	590.97	-50.17	-3,187.81	3,187.87	1.04	135.82
7,269.00	90.66	271.78	4,228.38	590.38	-48.31	-3,283.79	3,283.84	1.54	65.17
7,364.00	92.24	273.10	4,225.98	587.98	-44.26	-3,378.66	3,378.72	2.17	39.85
7,460.00	90.84	272.81	4,223.40	585.40	-39.32	-3,474.50	3,474.54	1.49	-168.30
7,555.00	91.71	273.62	4,221.29	583.29	-33.99	-3,569.32	3,569.36	1.25	42.94
7,650.00	91.10	273.32	4,218.96	580.96	-28.24	-3,664.12	3,664.15	0.72	-153.81
7,745.00	91.36	274.32	4,216.92	578.92	-21.92	-3,758.89	3,758.91	1.09	75.41
7,840.00	91.01	274.18	4,214.95	576.95	-14.88	-3,853.60	3,853.62	0.40	-158.20
7,936.00	90.84	272.81	4,213.40	575.40	-9.03	-3,949.41	3,949.42	1.44	-97.06
8,031.00	90.31	271.22	4,212.45	574.45	-5.69	-4,044.34	4,044.35	1.76	-108.43
8,126.00	91.36	271.22	4,211.06	573.06	-3.66	-4,139.31	4,139.31	1.11	0.00
8,222.00	92.15	271.60	4,208.12	570.12	-1.30	-4,235.24	4,235.24	0.91	25.67
8,293.00	91.80	271.12	4,205.68	567.68	0.38	-4,306.17	4,306.17	0.84	-126.11
8,363.00	91.80	271.12	4,203.48	565.48	1.75	-4,376.13	4,376.12	0.00	0.00