

N.M. Oil Cons. DIV-Dist. 2
1301 W. Grand Avenue
Albuquerque, N.M. 87102
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

S

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

APR 10 2008

2. Name of Operator

PARALLEL PETROLEUM CORPORATION

OCD-ARTESIA

3a. Address

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

3b. Phone No. (include area code)

432-685-6563

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SL: 1880 SOUTH & 208 WEST, SEC 21, T15S, R25E

EHL: 1880 SOUTH & 660 EAST, SEC 21, T15S, R25E

5. Lease Serial No.

NM NM 112251

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

NOOR 1525-21 1H

EED COM

9. API Well No.

30-005-63935

10. Field and Pool, or Exploratory Area

WALNUT CREEK-WOLF CAMP GAS
97631

11. County or Parish, State

CHAVES NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other PROD CSG,

GYRODATA SURVEY,

MUD SURVEY, MUD LOG

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

03-22-2008 CSG POINT @ 8417 MD, 4974 TVD

03-24-2008 RUN 5.5 CSG, 7.875 HOLE, 17# SET @ 8417.

LEAD: 500 SX HALLIBURTON INTERFILL C-SEM + POLY-E-FLAKE, 11.9 PPG, 2.47 YLD

TAIL: 450 SX HALLIBURTON ACID SOLUBLE 20# SILICALITE, 15 PPG, 2.62 YLD

64 CENTRALIZERS

TOC: CIRCULATED 34 SX TO SURFACE

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

GYRODATA SURVEY, PATHFINDER MUD SUREY ATTACHED

MUD LOG TO NMOCD

ACCEPTED FOR RECORD

APR - 2 2008

ALEXIS C. SWOBODA
PETROLEUM ENGINEER14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

KAYE MC CORMICK

Title

SR PROD & REG TECH

Date

03-31-2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes 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.

Accepted for record - NMOCD

A Gyrodata Directional Survey

Field Copy Only, not definitive

for

PARALLEL

Location: J W # 4, CHAVES COUNTY, NEW MEXICO
Lease: NOOR 1525-21 FED COMM Well: # 1H, 4-1/2 DRILLPIPE

Job Number: MD0308G_148

Run Date: 3/10/2008 6:16:25 PM

Surveyor: JAMES KING

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 32.998794 deg. N Longitude: 104.455189 deg. E

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: NOOR 1525-21 FED COMM Well: # 1H, 4-1/2 DRILLPIPE

Job Number: MD0308G_148

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 - 3922.26 ft RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 4-1/2 DRILLPIPE							
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO JW RIG 4 RKB (+13FT)							

100.00	0.54	57.70	0.3	0.54	100.00	0.5 57.7	0.25 N 0.40 E
150.00	0.56	58.56	0.5	0.04	150.00	1.0 57.9	0.51 N 0.81 E
200.00	0.48	62.36	0.7	0.18	199.99	1.4 58.7	0.73 N 1.20 E
250.00	0.58	71.88	0.9	0.26	249.99	1.9 60.9	0.90 N 1.62 E
300.00	0.63	92.35	1.0	0.44	299.99	2.3 65.6	0.97 N 2.14 E
350.00	0.64	96.21	0.9	0.09	349.99	2.8 71.0	0.93 N 2.69 E
400.00	0.69	98.48	0.8	0.12	399.98	3.4 75.4	0.85 N 3.27 E
450.00	0.51	106.45	0.8	0.40	449.98	3.9 78.8	0.75 N 3.78 E
500.00	0.40	144.08	0.5	0.62	499.98	4.1 82.4	0.54 N 4.10 E
550.00	0.45	167.88	0.2	0.36	549.98	4.2 87.1	0.21 N 4.24 E
600.00	0.59	177.82	-0.2	0.34	599.98	4.3 93.1	0.23 S 4.29 E
650.00	0.86	182.72	-0.9	0.55	649.97	4.4 101.4	0.86 S 4.28 E
700.00	0.92	174.28	-1.6	0.29	699.97	4.6 110.8	1.64 S 4.31 E
750.00	0.94	175.33	-2.5	0.06	749.96	5.0 119.2	2.45 S 4.38 E
800.00	1.00	171.55	-3.3	0.17	799.95	5.6 126.3	3.29 S 4.48 E
850.00	1.08	168.79	-4.2	0.19	849.94	6.2 132.1	4.18 S 4.63 E
900.00	1.20	159.59	-5.1	0.43	899.93	7.1 136.3	5.13 S 4.91 E
950.00	1.20	156.56	-6.1	0.13	949.92	8.1 139.1	6.10 S 5.30 E
1000.00	1.31	164.83	-7.1	0.42	999.91	9.1 141.6	7.14 S 5.65 E
1050.00	1.46	167.50	-8.3	0.33	1049.90	10.2 144.4	8.31 S 5.94 E

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Location: J W # 4, CHAVES COUNTY, NEW MEXICO

Lease: NOOR 1525-21 FED COMM Well: # 1H, 4-1/2 DRILLPIPE

Job Number: MD0308G_148

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	1.61	169.58	-9.6	0.32	1099.88	11.5 147.2	9.63 S 6.21 E
1150.00	1.73	177.93	-11.1	0.54	1149.86	12.8 150.1	11.07 S 6.36 E
1200.00	1.77	178.20	-12.6	0.08	1199.83	14.1 153.0	12.60 S 6.41 E
1250.00	1.82	177.20	-14.2	0.11	1249.81	15.6 155.4	14.17 S 6.48 E
1300.00	1.82	177.08	-15.8	0.01	1299.78	17.1 157.4	15.75 S 6.56 E
1350.00	1.76	177.56	-17.3	0.14	1349.76	18.5 159.0	17.31 S 6.63 E
1400.00	1.75	176.67	-18.8	0.05	1399.74	20.0 160.4	18.84 S 6.71 E
1450.00	1.75	175.82	-20.4	0.05	1449.71	21.5 161.5	20.36 S 6.81 E
1500.00	1.65	180.73	-21.8	0.35	1499.69	22.9 162.6	21.84 S 6.85 E
1550.00	1.71	183.93	-23.3	0.22	1549.67	24.3 163.7	23.30 S 6.79 E
1600.00	1.78	188.93	-24.8	0.34	1599.65	25.7 165.1	24.81 S 6.62 E
1650.00	1.78	191.40	-26.3	0.15	1649.62	27.1 166.5	26.34 S 6.35 E
1700.00	1.76	192.79	-27.9	0.10	1699.60	28.5 167.8	27.85 S 6.02 E
1750.00	1.62	191.12	-29.3	0.29	1749.58	29.8 169.0	29.29 S 5.72 E
1800.00	1.49	192.96	-30.6	0.28	1799.56	31.1 169.9	30.62 S 5.44 E
1850.00	1.29	194.37	-31.8	0.40	1849.54	32.2 170.8	31.80 S 5.15 E
1900.00	1.09	191.56	-32.8	0.42	1899.53	33.2 171.5	32.81 S 4.91 E
1950.00	0.87	186.93	-33.6	0.47	1949.52	34.0 171.9	33.65 S 4.77 E
2000.00	0.76	177.33	-34.4	0.35	1999.52	34.7 172.1	34.36 S 4.74 E
2050.00	0.70	177.20	-35.0	0.12	2049.52	35.3 172.2	35.00 S 4.77 E
2100.00	0.78	155.97	-35.6	0.57	2099.51	36.0 172.1	35.61 S 4.93 E
2150.00	0.74	154.31	-36.2	0.08	2149.51	36.6 171.8	36.21 S 5.20 E
2200.00	0.74	151.41	-36.8	0.08	2199.50	37.2 171.5	36.79 S 5.50 E
2250.00	0.71	151.82	-37.4	0.06	2249.50	37.8 171.2	37.35 S 5.80 E

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Job Number: MD0308G_148

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	0.71	148.88	-37.9	0.07	2299.50	38.4 170.8	37.88 S 6.11 E
2350.00	0.69	145.80	-38.4	0.09	2349.49	38.9 170.5	38.40 S 6.43 E
2400.00	0.67	148.01	-38.9	0.06	2399.49	39.5 170.1	38.89 S 6.76 E
2450.00	0.67	146.08	-39.4	0.05	2449.48	40.0 169.8	39.38 S 7.07 E
2500.00	0.58	151.73	-39.9	0.21	2499.48	40.5 169.5	39.85 S 7.36 E
2550.00	0.64	160.31	-40.3	0.22	2549.48	41.0 169.4	40.33 S 7.57 E
2600.00	0.69	165.25	-40.9	0.15	2599.48	41.6 169.3	40.89 S 7.74 E
2650.00	0.78	184.37	-41.5	0.52	2649.47	42.2 169.4	41.52 S 7.79 E
2700.00	0.77	200.42	-42.2	0.43	2699.47	42.9 169.7	42.17 S 7.65 E
2750.00	0.79	201.22	-42.8	0.04	2749.46	43.4 170.2	42.80 S 7.41 E
2800.00	0.84	198.82	-43.5	0.13	2799.46	44.1 170.6	43.47 S 7.17 E
2850.00	0.70	197.37	-44.1	0.28	2849.45	44.7 171.0	44.11 S 6.96 E
2900.00	0.73	213.66	-44.7	0.41	2899.45	45.2 171.5	44.66 S 6.69 E
2950.00	0.75	208.38	-45.2	0.14	2949.44	45.7 172.0	45.21 S 6.36 E
3000.00	0.77	205.12	-45.8	0.10	2999.44	46.2 172.5	45.80 S 6.06 E
3050.00	0.80	196.73	-46.4	0.24	3049.44	46.8 172.9	46.44 S 5.82 E
3100.00	0.83	196.10	-47.1	0.07	3099.43	47.5 173.2	47.13 S 5.62 E
3150.00	0.75	203.94	-47.8	0.27	3149.43	48.1 173.6	47.77 S 5.39 E
3200.00	0.63	180.49	-48.4	0.60	3199.42	48.6 173.8	48.35 S 5.25 E
3250.00	0.67	181.33	-48.9	0.08	3249.42	49.2 173.9	48.91 S 5.24 E
3300.00	0.57	180.12	-49.5	0.21	3299.42	49.7 174.0	49.45 S 5.23 E
3350.00	0.74	177.58	-50.0	0.35	3349.41	50.3 174.0	50.02 S 5.25 E
3400.00	0.76	183.77	-50.7	0.17	3399.41	50.9 174.1	50.68 S 5.24 E
3450.00	0.71	182.20	-51.3	0.10	3449.40	51.6 174.2	51.32 S 5.21 E

A Gyrodata Directional Survey

PARALLEL

Location: J W # 4, CHAVES COUNTY, NEW MEXICO

Lease: NOOR 1525-21 FED COMM Well: # 1H, 4-1/2 DRILLPIPE

Job Number: MD0308G_148

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	0.70	175.15	-51.9	0.17	3499.40	52.2 174.3	51.93 S 5.22 E
3550.00	0.66	168.23	-52.5	0.19	3549.40	52.8 174.2	52.52 S 5.30 E
3600.00	0.56	159.58	-53.0	0.27	3599.39	53.3 174.1	53.03 S 5.45 E
3650.00	0.71	183.99	-53.6	0.61	3649.39	53.9 174.1	53.57 S 5.51 E
3700.00	0.64	183.96	-54.2	0.14	3699.39	54.4 174.2	54.16 S 5.47 E
3750.00	0.74	164.73	-54.8	0.51	3749.38	55.0 174.2	54.75 S 5.54 E
3800.00	0.51	177.52	-55.3	0.53	3799.38	55.6 174.2	55.28 S 5.63 E
3850.00	0.49	156.09	-55.7	0.38	3849.38	56.0 174.1	55.70 S 5.73 E
3900.00	0.78	125.82	-56.1	0.87	3899.38	56.4 173.8	56.10 S 6.09 E
3922.26	0.69	134.58	-56.3	0.66	3921.63	56.6 173.6	56.28 S 6.31 E

Final Station Closure: Distance: 56.64 ft Az: 173.60 deg.

Parallel Petroleum Corp.

Noor 1525-21 Fed Com #1

S21 T15S R25E

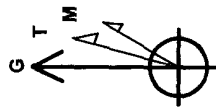
Noor 1525-21 Fed Com #1

Original Hole

Survey: MWD

Pathfinder Standard X & Y Report

24 March, 2008



Azimuths to Grid North
True North: 0.07°
Magnetic North: 8.49°
Magnetic Field
Strength: 49331.35nT
Dip Angle: 60.84°
Date: 3/6/2008
Model: IGRF200510

Project: Noor 1525-21 Fed Com #1
Site: S21 T15S R25E
Well: Noor 1525-21 Fed Com #1
Wellbore: Original Hole
Plan: Plan #2 (Noor 1525-21 Fed Com #1/Original Hole)

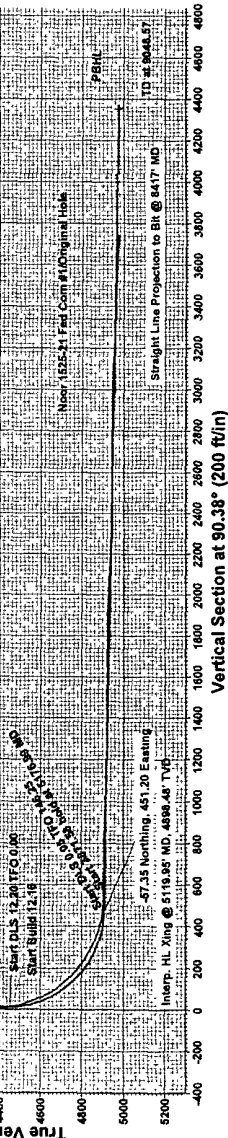
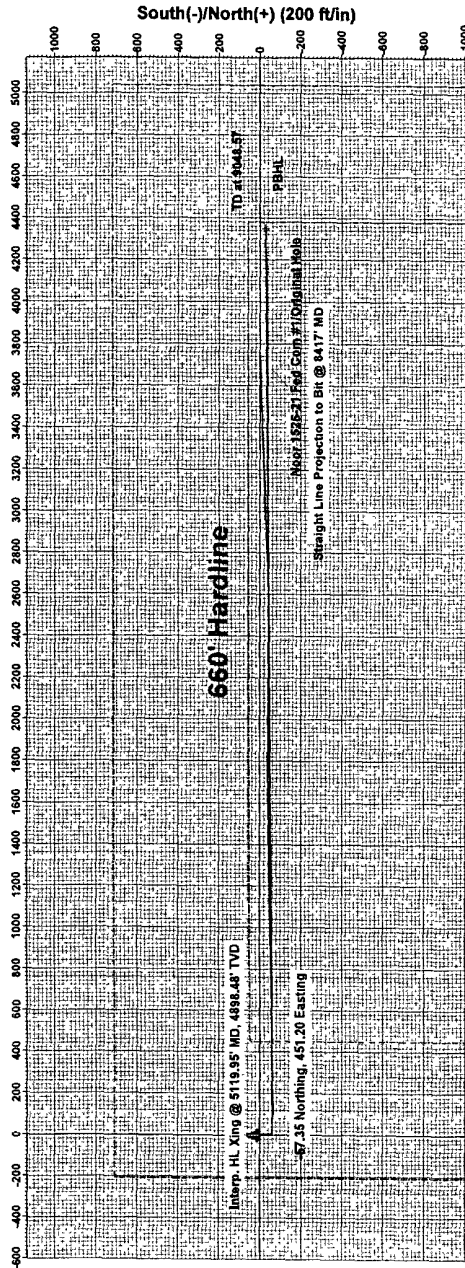
WELL DETAILS Noor 1525-21 Fed Com #1			
Ground Elevation	3400.00	Latitude	32° 59' 55.865 N
RKB Elev. Min.	EST RKB @ 3400.00ft	Longitude	104° 27' 18.860 W
Rig Name		Slot	
+N/S	0.00	+E/W	0.00
North	727096.300	East	462840.600

SECTION DETAILS									
Sec	MD	Inc	Adj	TVD	+N/S	+E/W	DLeg	TFace	VSec Target
1	3922.30	0.69	134.58	3921.67	-56.28	6.31	0.00	0.00	6.69
2	4440.66	0.69	134.58	4440.00	-60.84	10.73	0.00	0.00	11.14
3	4450.46	1.58	88.58	4449.80	-60.86	10.91	12.20	-63.93	11.31
4	4450.46	1.58	88.58	4449.80	-60.86	10.91	12.20	-63.93	11.31
5	5185.32	89.00	89.58	4907.87	-57.28	473.65	12.16	0.00	474.03
6	5175.99	89.00	89.58	4908.01	-57.23	461.32	0.05	146.25	481.69
7	9048.57	89.00	89.58	4975.80	-29.01	4352.20	0.00	0.00	4352.30

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)			
Name	TVD	+N/S	+E/W
PBHL	4975.80	-29.01	4352.20
		North	East
		727097.295	46992.803

EOW

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



PROJECT DETAILS: Noor 1525-21 Fed Com #1
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Elevation: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level
Local North: Grid

Plan #2 (Noor 1525-21 Fed Com #1/Original Hole)
Created By: Mark Freeman Date: 15/3/2008
Checked: _____ Date: _____

WHS
Pathfinder Standard X & Y Report

Company:	Parallel Petroleum Corp.	Local Co-ordinate Reference:	Well Noor 1525-21 Fed Com #1
Project:	Noor 1525-21 Fed Com #1	TVD Reference:	EST-RKB @ 3490.00ft
Site:	S21 T15S R25E	MD Reference:	EST-RKB @ 3490.00ft
Well:	Noor 1525-21 Fed Com #1	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 2003.16 Single User Db

Project:	Noor 1525-21 Fed Com #1, Chaves County, NM		
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:	S21 T15S R25E
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Site Position:		Northing:	727,096.300 ft	Latitude:	32° 59' 55.665 N
From:	Map	Easting:	462,640.600 ft	Longitude:	104° 27' 18.680 W
Position Uncertainty:	0.00 ft	Slot Radius:	"	Grid Convergence:	-0.07 °

Well:	Noor 1525-21 Fed Com #1				
Well Position	+N/-S	0.00 ft	Northing:	727,096.300 ft	Latitude: 32° 59' 55.665 N
	+E/-W	0.00 ft	Easting:	462,640.600 ft	Longitude: 104° 27' 18.680 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level: 3,490.00 ft

Wellbore:	Original Hole
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	3/6/2008	8.43	60.84	49,331

Design:	Original Hole
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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	90.38

WHS

Pathfinder Standard X & Y Report

Company:	Parallel Petroleum Corp.	Local Co-ordinate Reference:	Well Noor 1525-21 Fed Com #1
Project:	Noor 1525-21 Fed Com #1	TVD Reference:	EST RKB @ 3490.00ft
Site:	S21 T15S R25E	MD Reference:	EST RKB @ 3490.00ft
Well:	Noor 1525-21 Fed Com #1	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 2003.16 Single User Db

Survey Program		Date	3/24/2008		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
100.00	3,922.30	Gyro Survey (Original Hole)	NS-GYRO-MS	North sensing gyrocompassing m	
4,048.00	8,417.00	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 (°)	
3,922.30	0.69	134.58	3,921.67	431.67	-56.28	6.31	6.69	0.00	0.00	
4,048.00	0.70	132.86	4,047.37	557.37	-57.33	7.41	7.79	0.02	-56.92	
4,240.00	0.70	125.09	4,239.35	749.35	-58.81	9.23	9.62	0.05	-93.88	
4,373.00	0.97	112.11	4,372.34	882.34	-59.70	10.94	11.33	0.25	-41.62	
4,405.00	1.32	104.41	4,404.33	914.33	-59.89	11.55	11.94	1.19	-27.61	
4,437.00	4.48	95.25	4,436.29	946.29	-60.10	13.15	13.55	9.95	-12.94	
4,468.00	8.79	95.17	4,467.07	977.07	-60.42	16.71	17.12	13.90	-0.16	
4,499.00	13.10	93.52	4,497.50	1,007.50	-60.85	22.58	22.99	13.94	-4.97	
4,530.00	17.50	89.47	4,527.39	1,037.39	-61.02	30.75	31.16	14.60	-15.62	
4,562.00	21.19	87.96	4,557.58	1,067.58	-60.77	41.35	41.75	11.64	-8.43	
4,594.00	23.04	91.55	4,587.23	1,097.23	-60.74	53.39	53.79	7.16	37.82	
4,625.00	25.59	93.49	4,615.48	1,125.48	-61.31	66.14	66.54	8.62	18.28	
4,656.00	29.02	92.80	4,643.02	1,153.02	-62.08	80.34	80.75	11.11	-5.58	
4,688.00	33.41	91.96	4,670.38	1,180.38	-62.76	96.90	97.32	13.79	-6.02	
4,720.00	38.08	90.82	4,696.34	1,206.34	-63.21	115.58	116.00	14.74	-8.58	
4,752.00	41.86	89.46	4,720.87	1,230.87	-63.25	136.14	136.55	12.12	-13.54	
4,784.00	45.29	88.13	4,744.05	1,254.05	-62.78	158.18	158.60	11.09	-15.45	
4,816.00	48.72	88.09	4,765.86	1,275.86	-62.00	181.57	181.98	10.72	-0.50	
4,848.00	52.23	88.69	4,786.23	1,296.23	-61.31	206.24	206.64	11.06	7.70	
4,880.00	55.13	89.18	4,805.18	1,315.18	-60.84	232.02	232.42	9.15	7.90	
4,912.00	58.39	89.04	4,822.72	1,332.72	-60.42	258.78	259.17	10.19	-2.10	

WHS Pathfinder Standard X & Y Report

Company:	Parallel Petroleum Corp.	Local Co-ordinate Reference:	Well Noor 1525-21 Fed Com #1
Project:	Noor 1525-21 Fed Com #1	TVD Reference:	EST.RKB @ 3490.00ft
Site:	S21 T15S R25E	MD Reference:	EST.RKB @ 3490.00ft
Well:	Noor 1525-21 Fed Com #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 (°)	
4,943.00	61.20	89.11	4,838.31	1,348.31	-59.99	285.56	285.95	9.07	1.25	
4,974.00	64.54	88.93	4,852.44	1,362.44	-59.52	313.14	313.53	10.79	-2.79	
5,004.00	67.36	88.73	4,864.67	1,374.67	-58.96	340.53	340.91	9.42	-3.75	
5,035.00	70.08	88.63	4,875.92	1,385.92	-58.29	369.40	369.78	8.78	-1.98	
5,066.00	73.34	89.09	4,885.65	1,395.65	-57.71	398.83	399.20	10.61	7.70	
5,097.00	76.50	89.73	4,893.71	1,403.71	-57.40	428.76	429.13	10.39	11.15	
5,128.00	80.55	90.12	4,899.88	1,409.88	-57.36	459.13	459.50	13.12	5.43	
5,159.00	83.45	89.65	4,904.19	1,414.19	-57.30	489.82	490.19	9.47	-9.15	
5,191.00	87.76	89.06	4,906.64	1,416.64	-56.94	521.72	522.09	13.59	-7.80	
5,222.00	89.52	88.67	4,907.38	1,417.38	-56.32	552.70	553.07	5.82	-12.50	
5,283.00	89.43	89.13	4,907.94	1,417.94	-55.15	613.69	614.04	0.77	101.07	
5,376.00	89.96	88.93	4,908.43	1,418.43	-53.58	706.68	707.02	0.61	-20.67	
5,468.00	88.64	90.06	4,909.56	1,419.56	-52.77	798.66	798.99	1.89	139.44	
5,561.00	88.46	89.41	4,911.91	1,421.91	-52.34	891.63	891.96	0.73	-105.49	
5,654.00	88.46	88.64	4,914.41	1,424.41	-50.76	984.58	984.90	0.83	-90.01	
5,746.00	89.16	88.76	4,916.32	1,426.32	-48.67	1,076.54	1,076.84	0.77	9.73	
5,839.00	88.46	89.20	4,918.25	1,428.25	-47.01	1,169.50	1,169.79	0.89	147.86	
5,935.00	88.72	88.60	4,920.61	1,430.61	-45.17	1,265.46	1,265.73	0.68	-66.57	
6,030.00	90.66	89.58	4,921.13	1,431.13	-43.66	1,360.44	1,360.70	2.29	26.80	
6,126.00	90.13	89.59	4,920.47	1,430.47	-42.97	1,456.43	1,456.68	0.55	178.92	
6,221.00	88.02	88.72	4,922.00	1,432.00	-41.57	1,551.40	1,551.64	2.40	-157.60	
6,316.00	89.87	89.34	4,923.75	1,433.75	-39.96	1,646.37	1,646.60	2.05	18.53	
6,412.00	89.34	89.24	4,924.41	1,434.41	-38.77	1,742.36	1,742.58	0.56	-169.32	
6,507.00	90.04	90.72	4,924.92	1,434.92	-38.74	1,837.35	1,837.57	1.72	64.69	
6,539.00	90.40	90.12	4,924.80	1,434.80	-38.97	1,869.35	1,869.57	2.19	-59.04	
6,571.00	89.52	90.62	4,924.82	1,434.82	-39.18	1,901.35	1,901.57	3.16	150.40	
6,602.00	87.93	89.98	4,925.51	1,435.51	-39.34	1,932.34	1,932.56	5.53	-158.09	

WHS

Pathfinder Standard X & Y Report

Company:	Parallel Petroleum Corp.	Local Co-ordinate Reference:	Well Noor 1525-21 Fed Com #1
Project:	Noor 1525-21 Fed Com #1	TVD Reference:	EST RKB @ 3490.00ft
Site:	S21 T15S R25E	MD Reference:	EST RKB @ 3490.00ft
Well:	Noor 1525-21 Fed Com #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)	DLog (°/100ft)	TFace (°)
6,698.00	88.55	90.65	4,928.46	1,438.46	-39.87	2,028.29	2,028.51	0.95	47.22
6,794.00	86.26	90.30	4,932.81	1,442.81	-40.66	2,124.19	2,124.41	2.41	-171.33
6,889.00	86.17	90.05	4,939.08	1,449.08	-40.95	2,218.98	2,219.20	0.28	-109.85
6,984.00	87.49	90.29	4,944.33	1,454.33	-41.23	2,313.83	2,314.05	1.41	10.30
7,080.00	91.54	90.57	4,945.14	1,455.14	-41.95	2,409.80	2,410.03	4.23	3.96
7,176.00	89.52	89.75	4,944.26	1,454.26	-42.22	2,505.79	2,506.02	2.27	-157.90
7,271.00	89.96	89.37	4,944.69	1,454.69	-41.49	2,600.79	2,601.01	0.61	-40.82
7,365.00	89.43	87.98	4,945.19	1,455.19	-39.32	2,694.76	2,694.96	1.58	-110.87
7,460.00	89.34	87.87	4,946.21	1,456.21	-35.88	2,789.69	2,789.87	0.15	-129.29
7,556.00	90.13	87.92	4,946.65	1,456.65	-32.35	2,885.63	2,885.78	0.82	3.62
7,651.00	90.13	88.33	4,946.44	1,456.44	-29.25	2,980.57	2,980.70	0.43	90.00
7,747.00	87.32	87.90	4,948.57	1,458.57	-26.09	3,076.49	3,076.59	2.96	-171.31
7,842.00	87.49	88.15	4,952.87	1,462.87	-22.82	3,171.34	3,171.42	0.32	55.76
7,938.00	87.05	87.00	4,957.45	1,467.45	-18.76	3,267.14	3,267.19	1.28	-110.99
8,033.00	87.67	87.93	4,961.82	1,471.82	-14.56	3,361.94	3,361.97	1.18	56.30
8,129.00	88.81	88.36	4,964.77	1,474.77	-11.46	3,457.85	3,457.85	1.27	20.66
8,224.00	87.58	88.23	4,967.76	1,477.76	-8.63	3,552.76	3,552.73	1.30	-173.97
8,320.00	87.85	88.01	4,971.59	1,481.59	-5.49	3,648.63	3,648.58	0.36	-39.16
8,351.00	88.90	88.33	4,972.47	1,482.47	-4.50	3,679.60	3,679.55	3.54	16.95
8,417.00	88.90	88.33	4,973.74	1,483.74	-2.57	3,745.56	3,745.49	0.00	0.00

WHS
Pathfinder Standard X & Y Report

Company: Parallel Petroleum Corp. Project: Noor 1525-21 Fed Com #1 Site: S21 T15S R25E Well: Noor 1525-21 Fed Com #1 Wellbore: Original Hole Design: Original Hole	Local Co-ordinate Reference: Well Noor 1525-21 Fed Com #1 TVD Reference: EST-RKB @ 3490.00ft MD Reference: EST-RKB @ 3490.00ft North Reference: Grid Survey Calculation Method: Minimum Curvature Database: EDM 2003.16 Single User Db
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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	4,975.80	-29.01	4,352.20	727,067.295	466,992.803	32° 59' 55.425 N	104° 26' 27.576 W
- survey misses by 607.22ft at 8417.00ft MD (4973.74 TVD, -2.57 N, 3745.56 E)									
- Point									

Survey Annotations				
Measured Depth	Vertical Depth	Local Coordinates		Comment
(ft)	(ft)	+N-S (ft)	+E-W (ft)	
5,119.95	4,898.48	-57.35	451.20	Interp. HL Xing @ 5119.95' MD, 4898.48' TVD
5,119.95	4,898.48	-57.35	451.20	-57.35 Northing, 451.20 Easting
8,417.00	4,973.74	-2.57	3,745.56	Straight Line Projection to Bit @ 8417' MD

Checked By: _____	Approved By: _____	Date: _____
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