

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESTIA

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

MAY 29 2007
OCD-ARTESTIA, NM

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other

2. Name of Operator
PARALLEL PETROLEUM CORPORATION

3. Address 3a. Phone No. (include area code)
1004 N BIG SPRING, SUITE 400, MIDLAND, TX 79701 432-685-6563

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface **300 FSL & 700 FEL**

At top prod. interval reported below **605 FSL & 553 FEL**

At total depth **710 FSL & 690 FWL**

14. Date Spudded 15. Date T.D. Reached 16. Date Completed
12-04-2006 01-29-2007 04-05-07
☐ D & A ☒ Ready to Prod.

18. Total Depth: MD 8005 19. Plug Back T.D.: MD 7960 20. Depth Bridge Plug Set: MD
TVD 4196 TVD 4196 TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

PLATFORM EXPRESS, HI-RES LATERLOG ARRAY, MICRO-CFL/HNGS

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
	20		0	60		CONDUCTOR	PIPE		
12.25	9.625J55	36	0	1500		1180 SX		800 TS	
7.875	5.5/I80	17	0	7450		1450 SX		600 TS	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8	SN @ 4481							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP:	TVD: 4245	4214	4810-5373	0.42	36	OPEN
B)	MD: 4810	7402	5540-6113	0.42	36	OPEN
C)			6200-6557	0.42	36	OPEN
D)			6800-7402	0.42	36	OPEN

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

Depth Interval	Amount and Type of Material
4810-7402	FRAC W/15% NEEF, SLICK WATER, 30/70 & 20/40 SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
04-05-07	04-05-07	24	→	0	1034	72		.681	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
3/4	0	380	→	0	1034	72		PRODUCING	

28a. Production-Interval B

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

ACCEPTED FOR RECORD

MAY 24 2007

FLOWING

GARY GOURLEY
PETROLEUM ENGINEER

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W Grand Avenue, 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 & Natural Resources

Form C-104
Revised June 10, 2003

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

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator name and Address PARALLEL PETROLEUM CORPORATION 1004 N BIG SPRING, SUITE 400 MIDLAND, TX 79701		2 OGRID Number 230387
3 Reason for Filing Code/Effective Date		
4 API Number 30-0 15-35166	5 Pool Name WILDCAT, WOLF CAMP	6 Pool Code 96086
7 Property Code	8 Property Name PANDORA'S BOX 1921-8 FEDERAL	9 Well Number 1

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
P	8	19	21E		300	SOUTH	700	EAST	EDDY

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
M	8	19S	21E		710	SOUTH	690	WEST	EDDY
12 Lse Code	13 Producing Method Code	14 Gas Connection Date	15 C-129 Permit Number	16 C-129 Effective Date	17 C-129 Expiration Date				
		04-05-07							

III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 POD	21 O/G	22 POD ULSTR Location and Description
36785	DCP MIDSTREAM LP 3000 N 'A', BLDG 7 MIDLAND, TX 79705		G	SEC 8, T19S, R21E

IV. Produced Water

23 POD	24 POD ULSTR Location and Description

V. Well Completion Data

25 Spud Date	26 Ready Date	27 TD	28 PBTB	29 Perforations	30 DHC, MC
12-04-2006	04-05-2007	MD8005:TVD 4196	MD:7000:TVD4210	4810 - 7402	
31 Hole Size	32 Casing & Tubing Size	33 Depth Set	34 Sacks Cement		
	20	60	CONDUCTOR		
12.25	96.25	1500	1180 SX		
7.875	5.5	7406	805 SX		

VI. Well Test Data

35 Date New Oil	36 Gas Delivery Date	37 Test Date	38 Test Length	39 Tbg. Pressure	40 Csg. Pressure
	04-05-07	04-05-07	24 HOUR	0	380
41 Choke Size	42 Oil	43 Water	44 Gas	45 AOF	46 Test Method
3/4	0	72	1034		FLOWING

47 I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Kaye McCormick*

Printed name:
KAYE MC CORMICK

Title:
SR PROD & REG TECH

Email
kmccormick@plll.com

Date: **04-25-2007**

Phone: **432-685-6563**

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

District I
1625 N. French Dr., Hobbs, NM 88240
District II
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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis 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 30-015-35166		Pool Code 36054	Pool Name GARDNER DRAW: MORROW
Property Code	Property Name PANDORA'S BOX 1921-8 FEDERAL		Well Number 1
OGRID No. 230387	Operator Name PARALLEL PETROLEUM CORPORATION		Elevation 4418

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	8	19	21		300	SOUTH	700	EAST	EDDY

11 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
M	8	19	21		710	SOUTH	690	WEST	EDDY
Dedicated Acres 320	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.

16 690 710 BH	320 AC	PP 553 605 700 SL 300	17 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>Kaye McCormick</i> 04-25-07 Signature Date KAYE MC CORMICK Printed Name
			18 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.
			Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

INTREPID DIRECTIONAL

SURVEY CALCULATION REPORT Minimum Curvature Method

Operator: **Parallel Petroleum**

Lease Name: Pandora's Box 1921-8 Fed #1

Job Number: 20436

Comments: Wolfcamp Horizontal

Survey Company: **Intrepid**

Operator: Parallel Petroleum										Target KBTVD:		4,262	Feet
Lease Name: Pandora's Box 1921-8 Fed #1										Target Angle:		91.00	Degrees
Job Number: 20436										Section Plane:		276.12	Degrees
Comments: Wolfcamp Horizontal										Total Declination Correction:		8.949	Degrees
Survey Company: Intrepid										Bit to Survey Offset:		49	Feet
Bit to Gamma offset:										0			
+Above										+Right			
-Below										-Left			
Target										Line			
KBTVD										DLS			
BUR										+E/-W			
+N/-S										(Ft.)			
Vertical										Section			
TVD										(Ft.)			
Azimuth										Course			
Length													
Drift										(Deg.)			
Measured													
Depth-ft													
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INTREPID DIRECTIONAL

SURVEY CALCULATION REPORT

Minimum Curvature Method

Operator: **Parallel Petroleum**

Lease Name: Pandora's Box 1921-8 Fed #1

Job Number: 20436

Comments: Wolfcamp Horizontal

Survey Company: **Intrepid**

Target KBTVD: 4,262 Feet
Target Angle: 91.00 Degrees
Section Plane: 276.12 Degrees
Total Declination Correction: 8.949 Degrees
Bit to Survey Offset: 49 Feet

Bit to Gamma offset: 0

Survey Number	Measured Depth-ft	Drift (Deg.)	Azimuth (Deg.)	Course Length	TVD (Ft.)	Vertical Section	+N/-S (Ft.)	+E/-W (Ft.)	BUR	DLS	KBTVD	+Above -Below	
												Target	Line
18	4,284	58.90	293.10	32	4148.18	239.54	320.94	-206.50	9.1	9.1	4152.4	109.6	297.1
19	4,315	61.40	292.40	31	4163.61	265.30	331.34	-231.29	8.1	8.3	4168.2	93.8	304.8
20	4,347	63.90	292.40	32	4178.31	292.58	342.17	-257.57	7.8	7.8	4183.4	78.6	312.8
21	4,379	66.70	291.70	32	4191.68	320.53	353.08	-284.51	8.8	9.0	4197.3	64.7	320.7
22	4,410	69.30	291.70	31	4203.29	348.22	363.70	-311.22	8.4	8.4	4209.4	52.6	328.5
23	4,442	71.80	290.30	32	4213.95	377.38	374.51	-339.38	7.8	8.8	4220.5	41.5	336.2
24	4,474	74.80	288.90	32	4223.14	407.18	384.79	-368.26	9.4	10.3	4230.2	31.8	343.3
25	4,506	77.60	284.70	32	4230.78	437.71	393.76	-398.00	8.7	15.5	4238.4	23.6	349.1
26	4,538	80.80	283.30	32	4236.77	468.84	401.36	-428.49	10.0	10.9	4245.0	17.0	353.4
27	4,569	84.10	281.20	31	4240.85	499.39	407.88	-458.52	10.6	12.6	4249.6	12.4	356.7
28	4,600	87.40	279.80	31	4243.14	530.21	413.51	-488.91	10.6	11.6	4252.4	9.6	359.0
29	4,631	88.30	278.00	31	4244.31	561.15	418.31	-519.51	2.9	6.5	4254.1	7.9	360.5
30	4,661	87.80	276.20	30	4245.33	591.12	422.01	-549.26	-1.7	6.2	4255.6	6.4	361.0
31	4,736	90.60	276.90	75	4246.37	666.11	430.56	-623.76	3.7	3.8	4258.0	4.0	361.6
32	4,826	92.40	275.20	90	4244.02	756.07	440.05	-713.22	2.0	2.8	4257.2	4.8	361.5
33	4,917	92.70	272.70	91	4239.97	846.91	446.31	-803.91	0.3	2.8	4254.8	7.2	358.1
34	5,008	89.70	271.30	91	4238.06	937.61	449.48	-894.79	-3.3	3.6	4254.4	7.6	351.5
35	5,099	92.20	271.30	91	4236.56	1028.27	451.55	-985.75	2.7	2.7	4254.5	7.5	343.9
36	5,192	92.70	271.30	93	4232.58	1120.86	453.65	-1078.64	0.5	0.5	4252.1	9.9	336.1
37	5,282	89.90	269.90	90	4230.54	1210.38	454.60	-1168.58	-3.1	3.5	4251.7	10.3	327.4
38	5,374	90.80	270.60	92	4229.98	1301.90	455.00	-1260.57	1.0	1.2	4252.7	9.3	318.0

INTREPID DIRECTIONAL

SURVEY CALCULATION REPORT Minimum Curvature Method

Operator: **Parallel Petroleum**

Lease Name: Pandora's Box 1921-8 Fed #1

Job Number: 20436

Comments: Wolfcamp Horizontal

Survey Company: **Intrepid**

Target KBTVD: 4,262 Feet
Target Angle: 91.00 Degrees
Section Plane: 276.12 Degrees
Total Declination Correction: 8.949 Degrees
Bit to Survey Offset: 49 Feet

Bit to Gamma offset: 0

Survey Number	Measured Depth-ft	Drift (Deg.)	Azimuth (Deg.)	Course Length	TVD (Ft.)	Vertical Section	+N/-S (Ft.)	+E/-W (Ft.)	BUR	DLS	KBTVD	+Above -Below		Target	Line
39	5,466	91.70	271.00	92	4227.97	1393.48	456.28	-1352.54	1.0	1.1	4252.3	9.7		309.5	
40	5,558	89.20	271.00	92	4227.25	1485.09	457.89	-1444.50	-2.7	2.7	4253.2	8.8		301.3	
41	5,650	90.10	271.00	92	4227.81	1576.72	459.49	-1536.49	1.0	1.0	4255.3	6.7		293.1	
42	5,745	89.90	270.60	95	4227.81	1671.31	460.82	-1631.48	-0.2	0.5	4257.0	5.0		284.3	
43	5,841	91.30	270.60	96	4226.80	1766.85	461.82	-1727.46	1.5	1.5	4257.6	4.4		275.0	
44	5,935	92.70	271.30	94	4223.52	1860.41	463.38	-1821.39	1.5	1.7	4256.0	6.0		266.6	
45	6,031	91.70	269.90	96	4219.84	1955.89	464.39	-1917.30	-1.0	1.8	4254.0	8.0		257.3	
46	6,126	91.10	269.60	95	4217.52	2050.27	463.97	-2012.27	-0.6	0.7	4253.3	8.7		246.8	
47	6,221	91.30	269.60	95	4215.53	2144.63	463.31	-2107.25	0.2	0.2	4253.0	9.0		236.0	
48	6,317	90.40	268.90	96	4214.10	2239.93	462.05	-2203.23	-0.9	1.2	4253.2	8.8		224.5	
49	6,412	89.20	268.20	95	4214.44	2334.09	459.65	-2298.19	-1.3	1.5	4255.2	6.8		212.0	
50	6,507	89.90	268.20	95	4215.18	2428.19	456.66	-2393.14	0.7	0.7	4257.6	4.4		198.9	
51	6,602	90.60	267.10	95	4214.77	2522.15	452.77	-2488.06	0.7	1.4	4258.8	3.2		184.9	
52	6,698	91.70	267.10	96	4212.84	2616.94	447.91	-2583.91	1.1	1.1	4258.5	3.5		169.9	
53	6,793	91.70	266.70	95	4210.02	2710.67	442.78	-2678.73	0.0	0.4	4257.3	4.7		154.7	
54	6,888	89.00	267.50	95	4209.44	2804.46	437.97	-2773.58	-2.8	3.0	4258.4	3.6		139.8	
55	6,983	90.10	267.50	95	4210.19	2898.39	433.83	-2868.48	1.2	1.2	4260.8	1.2		125.5	
56	7,078	89.60	268.20	95	4210.44	2992.40	430.26	-2963.41	-0.5	0.9	4262.7	-0.7		111.9	
57	7,174	90.10	267.50	96	4210.69	3087.40	426.66	-3059.35	0.5	0.9	4264.6	-2.6		98.1	
58	7,269	88.50	268.20	95	4211.85	3181.39	423.10	-3154.26	-1.7	1.8	4267.4	-5.4		84.4	
59	7,364	89.00	267.50	95	4213.92	3275.38	419.54	-3249.17	0.5	0.9	4271.1	-9.1		70.7	

INTREPID DIRECTIONAL

SURVEY CALCULATION REPORT

Minimum Curvature Method

Operator: **Parallel Petroleum**
Lease Name: Pandora's Box 1921-8 Fed #1
Job Number: 20436
Comments: Wolfcamp Horizontal
urvey Company: **Intrepid**

Target KBTVD: 4,262 Feet
Target Angle: 91.00 Degrees
Section Plane: 276.12 Degrees
Total Declination Correction: 8.949 Degrees
Bit to Gamma offset: 0 Bit to Survey Offset: 49 Feet

urvey umber	Measured Depth-ft	Drift (Deg.)	Azimuth (Deg.)	Course Length	TVD (Ft.)	Vertical Section	+N/-S		+E/-W		BUR	DLS	KBTVD	+Above -Below		+ Right - Left Line
							(Ft.)	(Ft.)	(Ft.)	(Ft.)				Target	Target	
60	7,460	90.80	268.20	96	4214.09	3370.38	415.94	-3345.10	1.9	2.0	4272.9	-10.9	56.9			
61	7,555	91.50	267.50	95	4212.18	3464.37	412.37	-3440.01	0.7	1.0	4272.7	-10.7	43.3			
62	7,650	92.00	271.00	95	4209.28	3558.63	411.13	-3534.94	0.5	3.7	4271.4	-9.4	31.9			
63	7,745	91.50	269.90	95	4206.38	3653.11	411.87	-3629.89	-0.5	1.3	4270.1	-8.1	22.5			
64	7,841	92.40	269.20	96	4203.11	3748.43	411.12	-3725.83	0.9	1.2	4268.5	-6.5	11.6			
65	7,936	92.40	270.30	95	4199.13	3842.75	410.71	-3820.74	0.0	1.2	4266.2	-4.2	1.0			
66	7,956	92.40	269.90	20	4198.30	3862.62	410.74	-3840.72	0.0	2.0	4265.7	-3.7	-1.1			
BitPjt	8,005	92.40	269.90	49	4196.24	3911.29	410.66	-3889.68	0.0	0.0	4264.5	-2.5	-6.4			

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