

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 30-015-35561	⁵ Pool Name Hope Mound ---, WOLFCAMP	⁶ Pool Code 97641
⁷ Property Code	⁸ Property Name HOPE UNIT 1821-16 STATE	⁹ Well Number 1Y

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	16	18S	21E		760	SOUTH	200	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	16	18S	21E		815	SOUTH	1494	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				

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	DGP MIDSTREAM LP 3000 N 'A' STREET MIDLAND, TX 79705		G	SEC 16, 18S TS, 21E

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
04-28-2007	08-07-2007	MD7560;TVD4061	MD7455;TVD4063	MD 4440-7412	
³¹ Hole Size	³² Casing & Tubing Size	³³ Depth Set	³⁴ Sacks Cement		
CONDUCTOR	16"	50			
11	8-5/8	1518	610 SX		
7.875	5.5	7490	1300 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
	08-16-2007	08-16-2007	24 HOUR	350	375
⁴¹ Choke Size	⁴² Oil	⁴³ Water	⁴⁴ Gas	⁴⁵ AOF	⁴⁶ Test Method
3/4		77	404		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: <i>Kaye McCormick</i>		OIL CONSERVATION DIVISION	
Printed name: KAYE MC CORMICK		Approved by: BRYAN G. ARRANT	
Title: SR PROD & REG TECH		Title: DISTRICT II GEOLOGIST	
Email: kmccormick@plll.com		Approval Date: AUG 28 2007	
Date: 08-24-2007	Phone: 432-685-6563		



Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	Sub-Sea TVD (ft)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (deg)	DLS (deg/100 ft)	Mag / Grav Tool Face (deg)
Tie-In	0 00	0 00	0 00	-4235 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	158 72M
	100 00	0 66	158 72	-4135 00	100 00	-0 22	-0 54	0 21	0 58	158 72	0 66	200 60M
	150 00	0 53	200 60	-4085 00	150 00	-0 24	-1 02	0 23	1 05	167 19	0 88	226 21M
	200 00	0 52	226 21	-4035 01	199 99	0 00	-1 39	-0 01	1 40	180 53	0 47	213 06M
	250.00	0 48	213 06	-3985 01	249 99	0 27	-1 73	-0 29	1 75	189 56	0 24	190 85M
	300 00	0 64	190 85	-3935 01	299 99	0.43	-2 18	-0 46	2 22	191 87	0 53	199 32M
	350 00	1 46	199 32	-3885 02	349 98	0 69	-3 05	-0 72	3 14	193 29	1 66	200.90M
	400 00	1 56	200 90	-3835 04	399.96	1 13	-4 29	-1 17	4 45	195 31	0 22	193 67M
	450 00	0 85	193 67	-3785 05	449 95	1 45	-5 29	-1 51	5 50	195 89	1 45	192.22M
	500.00	0 82	192 22	-3735 05	499 95	1.60	-6 00	-1 67	6 22	195 55	0 07	188.67M
	550 00	0 86	188 67	-3685 06	549 94	1.72	-6 72	-1 80	6 95	195 01	0 13	194 51M
	600 00	0 72	194 51	-3635 06	599 94	1 85	-7 39	-1 94	7 64	194 68	0 32	243 96M
	650 00	0 83	243 96	-3585 07	649 93	2 25	-7 85	-2 34	8 20	196 59	1 31	253 62M
	700 00	0 85	253 62	-3535 07	699.93	2 93	-8 12	-3 02	8 66	200 41	0 29	289 27M
	750 00	1 04	289 27	-3485 08	749 92	3 71	-8 07	-3 81	8 93	205 24	1 21	289 57M
	800 00	1 21	289 57	-3435 09	799 91	4 64	-7 75	-4 73	9 08	211 42	0 34	290 97M
	850 00	1 36	290 97	-3385 10	849 90	5 70	-7 36	-5 78	9 36	218 17	0 31	290 06M
	900.00	1 64	290 06	-3335 12	899 88	6.93	-6 90	-7 01	9 84	225 45	0 56	286 75M
	950 00	1 63	286 75	-3285 14	949 86	8 29	-6 45	-8 36	10 56	232 36	0 19	288 07M
	1000 00	1 64	288 07	-3235 16	999 84	9 65	-6 02	-9 72	11 44	238 23	0 08	289 52M
	1050 00	1 74	289 52	-3185 18	1049 82	11 06	-5 55	-11 12	12 43	243 49	0 22	295.75M
	1100 00	1 69	295 75	-3135 20	1099 80	12 44	-4 97	-12 50	13 45	248 30	0 39	263 57M
	1150 00	0 91	263 57	-3085 22	1149 78	13 50	-4 70	-13 56	14 35	250 89	2 08	233 37M
	1200 00	0 85	233 37	-3035 22	1199 78	14 19	-4 96	-14 25	15 09	250 80	0 92	218 60M
	1250 00	0 32	218 60	-2985 22	1249 78	14 57	-5 29	-14 63	15 56	250 12	1 09	222 00M
	1300 00	0 27	222 00	-2935 23	1299 77	14 74	-5 49	-14 80	15 79	249 65	0.11	217 37M
	1350 00	0 24	217 37	-2885 23	1349 77	14 88	-5 66	-14 94	15 98	249 25	0 07	186 07M
	1400 00	0 15	186 07	-2835 23	1399 77	14.95	-5 81	-15 01	16 10	248 85	0 27	185 35M
	1450 00	0 24	185 35	-2785 23	1449 77	14 96	-5 98	-15 03	16 17	248 31	0 18	188 33M
	1500 00	0 18	188 33	-2735 23	1499 77	14 98	-6 16	-15 05	16 26	247 74	0 12	126 61M
	1550 00	0 12	126 61	-2685 23	1549 77	14 95	-6 27	-15 02	16 28	247 35	0 32	77 32M
	1600 00	0 16	77 32	-2635 23	1599 77	14 84	-6 28	-14 91	16 18	247 14	0 24	72 97M
	1650 00	0 18	72 97	-2585 23	1649 77	14 69	-6 25	-14 77	16 03	247 07	0 05	81 27M
	1700 00	0 11	81 27	-2535 23	1699 77	14 57	-6 22	-14.64	15 91	247 00	0 15	132 44M
	1750 00	0 04	132 44	-2485 23	1749 77	14 51	-6 22	-14 58	15 86	246 90	0 18	266 30M
	1800 00	0 08	266 30	-2435 23	1799.77	14 53	-6 23	-14 61	15 88	246 88	0 22	278 73M
	1850 00	0 19	278 73	-2385 23	1849.77	14 65	-6 22	-14 72	15 98	247 08	0 23	271 16M
	1900 00	0 22	271 16	-2335 23	1899 77	14 83	-6 21	-14.90	16.14	247 38	0 08	263 96M
	1950 00	0 33	263 96	-2285 23	1949 77	15 07	-6 22	-15 14	16 37	247 65	0 23	278 64M
	2000 00	0 45	278.64	-2235 23	1999.77	15 41	-6 21	-15 48	16 68	248 14	0 31	272.71M
	2050 00	0 42	272 71	-2185 23	2049.77	15 78	-6 17	-15 85	17 01	248 73	0 11	274 71M
	2100 00	0 45	274 71	-2135 23	2099 77	16 16	-6 15	-16 23	17 36	249 26	0 07	270 62M
	2150 00	0 41	270 62	-2085 23	2149 77	16 54	-6 13	-16 61	17 70	249 75	0 10	263 84M

	2200 00	0 43	263 84	-2035 24	2199 76	16 90	-6 15	-16 97	18 05	250 09	0 11	255 76M
	2250 00	0 42	255 76	-1985 24	2249 76	17 27	-6 21	-17 34	18 42	250 29	0 12	251 92M
	2300 00	0 44	251 92	-1935 24	2299 76	17 62	-6 32	-17 70	18 79	250 36	0 07	242 20M
	2350 00	0 61	242 20	-1885 24	2349 76	18 04	-6 50	-18 11	19 25	250 26	0 38	235 42M
	2400 00	0 76	235 42	-1835 24	2399 76	18 54	-6 81	-18 62	19 83	249 91	0 34	235 67M
	2450 00	0 74	235 67	-1785 25	2449 75	19 08	-7 18	-19 16	20 46	249 45	0 04	239 94M
	2500 00	0 72	239 94	-1735 25	2499 75	19 61	-7 52	-19 70	21 09	249 10	0 12	231 51M
	2550 00	0 75	231 51	-1685 26	2549 74	20 14	-7 88	-20 23	21 71	248 71	0 22	232 75M
	2600 00	0 91	232 75	-1635 26	2599 74	20 71	-8 33	-20 80	22 41	248 18	0 32	237 54M
	2650 00	0 97	237 54	-1585 27	2649 73	21 37	-8 79	-21 47	23 21	247 73	0 20	234 18M
	2700 00	1 00	234 18	-1535 28	2699 72	22 08	-9 28	-22 19	24 05	247 31	0 13	231 21M
	2750 00	1 08	231 21	-1485 28	2749 72	22 79	-9 83	-22 91	24 93	246 78	0 19	227 58M
	2800 00	1 03	227 58	-1435 29	2799 71	23 49	-10 43	-23 61	25 81	246 17	0 17	221 75M
	2850 00	1 15	221 75	-1385 30	2849 70	24 14	-11 10	-24 27	26 69	245 42	0 33	223 09M
	2900 00	1 25	223 09	-1335 31	2899 69	24 84	-11 88	-24 98	27 66	244 57	0 21	225 54M
	2950 00	1 24	225 54	-1285 32	2949 68	25 59	-12 65	-25 74	28 68	243 82	0 11	221 13M
	3000 00	1 13	221 13	-1235 34	2999 66	26 29	-13 40	-26 45	29 65	243 12	0 29	175 68M
	3050 00	0 78	175 68	-1185 34	3049 66	26 58	-14 11	-26 75	30 24	242 18	1 61	159.95M
	3100 00	0 69	159 95	-1135 35	3099 65	26 45	-14 74	-26 62	30 42	241 03	0 44	145 31M
	3150 00	0 69	145 31	-1085 35	3149 65	26 17	-15 27	-26 34	30 45	239 91	0 35	142.68M
	3200 00	0 74	142 68	-1035 35	3199 65	25 80	-15 77	-25 98	30 39	238 74	0 12	114 77M
	3250 00	0 77	114 77	-985 36	3249 64	25 29	-16 17	-25 47	30 17	237 60	0 73	104 32M
	3300 00	0 91	104 32	-935 36	3299 64	24 60	-16 41	-24 79	29 72	236 50	0 41	106 27M
	3350 00	0 85	106 27	-885 37	3349 63	23 85	-16 61	-24 04	29 22	235 36	0 13	111 95M
	3400 00	0 81	111 95	-835 37	3399 63	23 17	-16 85	-23 36	28 80	234 20	0 18	110 81M
	3450 00	0 90	110 81	-785 38	3449 62	22 47	-17 12	-22 67	28 40	232 94	0 18	116 73M
	3500 00	0 93	116 73	-735 39	3499 61	21 74	-17 44	-21 94	28 02	231 52	0 20	122 28M
	3550 00	0 88	122 28	-685 39	3549 61	21 05	-17 83	-21 25	27 74	230 01	0 20	114 57M
	3600 00	0 85	114 57	-635 40	3599 60	20 38	-18 19	-20 59	27 47	228 54	0 24	101 88M
	3650 00	1 05	101 88	-585 40	3649 60	19 59	-18 43	-19 80	27 05	227 05	0 58	92 69M
Final Gyro Survey	3700 00	1 24	92 69	-535 41	3699 59	18 60	-18 55	-18 81	26 42	225 40	0 53	260.97M
First MWD Survey	3724 00	5 23	260 97	-511 44	3723 56	19 42	-18 74	-19 63	27 14	226 34	26 87	6.69R
	3756 00	10 15	264 23	-479 74	3755 26	23 66	-19 25	-23 88	30 68	231 13	15 43	2 97R
	3787 00	14 92	265 19	-449 49	3785 51	30 35	-19 86	-30 58	36 46	237 00	15 40	9 55R
	3819 00	17 95	266 84	-418 80	3816 20	39 38	-20 48	-39 61	44 59	242 66	9 58	17 97R
	3851 00	21 33	269 83	-388 66	3846 34	50 12	-20 77	-50 36	54 47	247 59	11 02	11 36R
	3883 00	24 76	271 47	-359 22	3875 78	62 64	-20 61	-62 88	66 17	251 85	10 90	10 90R
	3914 00	28 80	273 08	-331 55	3903 45	76 60	-20 04	-76 83	79 40	255 38	13.24	3 74L
	3946 00	32 14	272 67	-303 97	3931 03	92 81	-19 23	-93 04	95 00	258 32	10 46	5 64L
	3978 00	36 08	272 01	-277 48	3957 52	110 75	-18 51	-110 96	112 50	260 53	12 37	2 81L
ST001	4010 00	39 45	271 75	-252 19	3982 81	130 34	-17 86	-130 55	131 76	262 21	10 54	137 09R
	4023 00	34 10	281 21	-241 77	3993 23	138 06	-17 03	-138 26	139 31	262 98	59 83	79.68R
	4055 00	37 45	299 12	-215 74	4019 26	155 48	-10 53	-155 61	155 97	266 13	34.24	77 19L
	4087 00	42 19	279 43	-191 07	4043 93	174 74	-4 01	-174 80	174 85	268 69	41 93	26 42L
	4119 00	47 49	275 90	-168 39	4066 61	197 13	-1 03	-197 15	197 16	269 70	18 29	60 38R
	4150 00	51 80	284 76	-148 30	4086 70	220 36	3 25	-220 34	220 36	270 85	25 82	11 07R
	4182 00	56 68	285 90	-129 60	4105 40	245 47	10 12	-245 37	245 58	272 36	15 52	6 14R
	4213 00	61 77	286 52	-113 74	4121 26	271 12	17 56	-270 93	271 50	273 71	16 51	13 67R
	4243 00	66 73	287 83	-100 71	4134 29	297 01	25 54	-296 74	297 84	274 92	16 99	4 93R
	4274 00	71 69	288 28	-89 71	4145 29	324 66	34 53	-324 28	326 12	276 08	16 06	0 72L
	4307 00	77 16	288 21	-80 86	4154 14	354 95	44 47	-354 46	357 24	277 15	16 58	HS
	4340 00	82 34	288 19	-74 99	4160 01	385 90	54 61	-385 30	389 15	278 07	15 70	3 55R
	4372 00	87 18	288 49	-72 07	4162 93	416 25	64 64	-415 54	420 54	278 84	15 15	5 45L
	4404 00	91 48	288 08	-71 69	4163 31	446 73	74 67	-445 92	452 12	279 51	13 50	99 69L
	4436 00	91 10	285 86	-72 41	4162 59	477 43	84 01	-476 51	483 86	280 00	7 04	140 39L
	4467 00	90 52	285 38	-72 85	4162 15	507 38	92 36	-506 36	514 72	280 34	2 43	34 09L
	4499 00	91 17	284 94	-73 32	4161 68	538 36	100 72	-537 25	546 61	280 62	2 45	57.41L
	4531 00	91 93	283 75	-74 19	4160 81	569 43	108 65	-568 24	578 53	280 82	4 41	115.02L
	4563 00	91 65	283 15	-75 19	4159 81	600 62	116 09	-599 34	610 48	280 96	2 07	125 72L
	4594 00	90 83	282 01	-75 86	4159 14	630 95	122 84	-629 59	641 46	281 04	4 53	71 60L
	4656 00	91 69	279 42	-77 22	4157 78	691 97	134 36	-690 49	703 44	281 01	4 40	22 37R
	4687 00	91 86	279 49	-78 18	4156 82	722 59	139 45	-721 05	734 42	280 95	0 59	54 43R

4717 00	92 41	280 26	-79 30	4155 70	752 18	144 59	-750 59	764 39	280 90	3 15	HS
4748 00	92 79	280 26	-80 71	4154 29	782 71	150 11	-781 06	795 36	280 88	1 23	104 08L
4778 00	92 31	278 35	-82 04	4152 96	812 34	154 95	-810 64	825 31	280 82	6 56	97 63L
4809 00	92 13	277 01	-83 24	4151 76	843 09	159 09	-841 33	856 24	280 71	4 36	109 40L
4840 00	91 58	275 45	-84 25	4150 75	873 92	162 46	-872 13	887 14	280 55	5 33	127 73L
4870 00	90 69	274 30	-84 84	4150 16	903 83	165 01	-902 02	916 99	280 37	4 85	41 00L
4901 00	91 38	273 70	-85 40	4149 60	934 77	167 17	-932 94	947 80	280 16	2 95	62 66L
4932 00	91 69	273 10	-86 23	4148 77	965 73	169 01	-963 87	978 58	279 95	2 18	32 81L
4963 00	92 31	272 70	-87 31	4147 69	996 68	170 57	-994 81	1009 33	279 73	2 38	88 67L
4994 00	92 34	271 38	-88 57	4146 43	1027 65	171 68	-1025 77	1040 03	279 50	4 26	110 46L
5024 00	91 69	269 64	-89 62	4145 38	1057 63	171 94	-1055 75	1069 66	279 25	6 19	84 16R
5085 00	91 79	270 62	-91 48	4143 52	1118 60	172 08	-1116 72	1129 90	278 76	1 61	86 72L
5116 00	91 86	269 39	-92 46	4142 54	1149 58	172 08	-1147 70	1160 53	278 53	3 97	63 07L
5177 00	92 20	268 72	-94 62	4140 38	1210 52	171 08	-1208 65	1220 70	278 06	1 23	105 26R
5237 00	92 17	268 83	-96 91	4138 09	1270 44	169 80	-1268 60	1279 91	277 62	0 19	92 04L
5327 00	92 13	267 72	-100 29	4134 71	1360 30	167 09	-1358 49	1368 73	277 01	1 23	98 48L
5417 00	92 03	267 05	-103 56	4131 44	1450 09	162 99	-1448 34	1457 48	276 42	0 75	104 02L
5509 00	91 68	265 65	-106 53	4128 47	1541 78	157 13	-1540 10	1548 10	275 83	1 57	159 87L
5600 00	91 38	265 54	-108 96	4126 04	1632 40	150 14	-1630 80	1637 70	275 26	0 35	79 99L
5630 00	91 41	265 37	-109 69	4125 31	1662 27	147 77	-1660 70	1667 26	275 08	0 58	48 87L
5723 00	91 89	264 82	-112 37	4122 63	1754 79	139 82	-1753 32	1758 88	274 56	0 78	36 85R
5817 00	91 93	264 85	-115 50	4119 50	1848 25	131 36	-1846 88	1851 55	274 07	0 05	153 44R
5913 00	91 41	265 11	-118 30	4116 70	1943 74	122 97	-1942 47	1946 36	273 62	0 61	76 27R
6008 00	91 89	267 08	-121 04	4113 96	2038 40	116 50	-2037 21	2040 54	273 27	2 13	163 05L
6104 00	91 07	266 83	-123 52	4111 48	2134 17	111 40	-2133 04	2135 95	272 99	0 89	24 46R
6135 00	92 41	267 44	-124 46	4110 54	2165 09	109 85	-2163 99	2166 77	272 91	4 75	163 17L
6231 00	91 65	267 21	-127 86	4107 14	2260 87	105 37	-2259 82	2262 28	272 67	0 83	23 84R
6327 00	92 17	267 44	-131 06	4103 94	2356 66	100 90	-2355 66	2357 82	272 45	0 59	15 62R
6422 00	93 17	267 72	-135 48	4099 52	2451 42	96 89	-2450 47	2452 39	272 26	1 09	144 16L
6517 00	91 55	266 55	-139 40	4095 60	2546 15	92 14	-2545 27	2546 94	272 07	2 10	64 23R
6644 00	91 96	267 40	-143 29	4091 71	2672 83	85 45	-2672 03	2673 40	271 83	0 74	64 95L
6740 00	92 31	266 65	-146 86	4088 14	2768 57	80 47	-2767 84	2769 00	271 67	0 86	81 34R
6835 00	92 48	267 77	-150 83	4084 17	2863 31	75 85	-2862 64	2863 64	271 52	1 19	134 27L
6930 00	90 90	266 15	-153 63	4081 37	2958 07	70 81	-2957 46	2958 30	271 37	2 38	8 12R
7024 00	92 44	266 37	-156 37	4078 63	3051 75	64 68	-3051 21	3051 90	271 21	1 65	164 21R
7119 00	91 45	266 65	-159 60	4075 40	3146 45	58 90	-3145 98	3146 53	271 07	1 08	66 45R
7214 00	92 55	269 18	-162 91	4072 09	3241 27	55 45	-3240 85	3241 33	270 98	2 90	132 20L
7310 00	91 87	268 43	-166 62	4068 38	3337 15	53 45	-3336 76	3337 19	270 92	1 05	178 53R
7405 00	91 48	268 44	-169 39	4065 61	3432 04	50 85	-3431 68	3432 06	270 85	0 41	84 34R
7500 00	91 93	273 04	-172 22	4062 78	3526 97	52 08	-3526 61	3526 99	270 85	4 86	LS

Final MWD Survey 7560 00 90 58 273 04 -173 53 4061 47 3586 90 55 26 -3586 51 3586 93 270 88 2 25 ---

Survey Type: Non-Def Survey

Survey Error Model: SLB ISCWSA version 24 *** 3-D 95.00% Confidence 2.7955 sigma

Surveying Prog:

MD From (ft)

0 00

12 00

3724 00

MD To (ft)

12 00

3724 00

7560 00

EOU Freq

Act-Stns

Act-Stns

Act-Stns

Survey Tool Type

SLB_CNSG+DPIPE-Depth Only

SLB_CNSG+DPIPE

SLB_MWD-STD

Borehole -> Survey

Side Track 001 -> Hope Unit 1821-16 State #1 ST001 0' to 7560' Final All

Side Track 001 -> Hope Unit 1821-16 State #1 ST001 0' to 7560' Final All

Side Track 001 -> Hope Unit 1821-16 State #1 ST001 0' to 7560' Final All

**Italicized stations are NOT used in position calculations*