

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

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

Form C-103
May 27, 2004

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.)		WELL API NO. 30-015-35554
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator PARALLEL PETROLEUM CORPORATION		6. State Oil & Gas Lease No.
3. Address of Operator 1004 N BIG SPRING, SUITE 400, MIDLAND, TX 79701		7. Lease Name or Unit Agreement Name: PARIS DRAW STATE UNIT 1624-21
4. Well Location Unit Letter <u>P</u> : <u>760</u> feet from the <u>SOUTH</u> line and <u>150</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>		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GR: 3685		9. OGRID Number 230387
Pit or Below-grade Tank Application ☐ or Closure ☐		10. Pool name or Wildcat UNDES COTTONWOOD CREEK, WOLF CAMP WEST
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 _____		

JUL 27 2007
OCD-ARTESIA

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐	REMEDIAL WORK ☐ ALTERING CASING ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐	CASING TEST AND CEMENT JOB ☐
OTHER: ☐	OTHER: PROD CSG, LOG, 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.

07-18-07: SET 5.5 CSG, 7.875 HOLES, 17# @ 8850
CMT W/LEAD: 375 SX 50/50/10 + 0.6% FL-52A+0.3% CD-32+2% SALT, 11.6 PPG, 2.51 YLD
W/TAIR: 1500 SX 50/50/2C+0.6% FL-T2A+0.3%-32+2% SALT, 14.2 PPG, 2.44 YLD
93 CENTRALIZERS; TOC: CIRC 172 SX TO SURFACE
WOC: 8 HR TEST CSG TO 1500 PSI FOR 30 MIN
ATTACHED: OPEN HOLE LOG, GYRODATA GYRO SURVEY, SCHLUMBERGER MWD SURVEY

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

SIGNATURE Kaye M. Cormick TITLE SR PROD & REG TECH DATE 07-25-2007
E-mail address: kmccormick@plll.com
Type or print name KAYE MC CORMICK Telephone No. 432-685-6563

For State Use Only

FOR RECORDS ONLY

APPROVED BY _____ TITLE _____ DATE JUL 29 2007
Conditions of Approval, if any:

Company **Parallel Petroleum**

Well **Paris Draw S. U. 1624-21 #1**

Field **Artesia**

Rig **Patriot 1**

Anadrill D.D. **Dave Nash**

Mag. Decl. **8.617**

Target Inc. **89.00**

Target TVD **4467**

Target Az. **90.11**

Tgt. Coord.

Date	No.	DEPTH	INC.	AZM	C.L.	T.V.D.	V.S.	N/S	E/W	DLS	B/D.	Walk
MWD	35	4531	61.98	91.21	31	4297.58	470.22	144.85 N	470.50 E	6.98	6.94	0.94
MWD	36	4563	64.48	91.33	32	4311.99	498.78	144.22 N	499.06 E	7.82	7.81	0.38
MWD	37	4595	67.44	91.44	32	4325.03	527.99	143.51 N	528.27 E	9.26	9.25	0.34
MWD	38	4626	70.22	90.65	31	4336.22	556.89	142.98 N	557.16 E	9.28	8.97	-2.55
MWD	39	4658	72.62	90.31	32	4346.42	587.22	142.73 N	587.49 E	7.57	7.50	-1.06
MWD	40	4690	74.53	89.92	32	4355.47	617.91	142.67 N	618.18 E	6.08	5.97	-1.22
MWD	41	4722	76.91	89.79	32	4363.36	648.91	142.75 N	649.19 E	7.45	7.44	-0.41
MWD	42	4753	78.92	89.53	31	4369.85	679.22	142.93 N	679.50 E	6.54	6.48	-0.84
MWD	43	4785	80.35	89.66	32	4375.61	710.70	143.15 N	710.97 E	4.49	4.47	0.41
MWD	44	4816	80.67	88.86	31	4380.72	741.27	143.55 N	741.55 E	2.75	1.03	-2.58
MWD	45	4849	78.89	87.48	33	4386.57	773.72	144.58 N	774.00 E	6.78	-5.39	-4.18
MWD	46	4880	78.12	85.94	31	4392.75	804.04	146.32 N	804.33 E	5.47	-2.48	-4.97
MWD	47	4912	79.55	83.90	32	4398.95	835.31	149.11 N	835.59 E	7.69	4.47	-6.37
MWD	48	4944	81.79	83.26	32	4404.13	866.67	152.64 N	866.97 E	7.27	7.00	-2.00
MWD	49	4976	84.04	83.18	32	4408.08	898.20	156.39 N	898.50 E	7.04	7.03	-0.25
MWD	50	5007	86.08	84.11	31	4410.75	928.88	159.80 N	929.19 E	7.23	6.58	3.00
MWD	51	5039	87.76	84.24	32	4412.47	960.66	163.05 N	960.97 E	5.27	5.25	0.41
MWD	52	5071	88.04	84.64	32	4413.64	992.48	166.14 N	992.80 E	1.53	0.88	1.25
MWD	53	5102	88.59	85.27	31	4414.55	1023.34	168.87 N	1023.67 E	2.70	1.77	2.03
MWD	54	5228	90.58	86.28	126	4415.47	1148.96	178.15 N	1149.31 E	1.77	1.58	0.80
MWD	55	5388	89.52	84.57	160	4415.33	1308.41	190.91 N	1308.78 E	1.26	-0.66	-1.07
MWD	56	5547	89.24	82.22	159	4417.05	1466.29	209.20 N	1466.69 E	1.49	-0.18	-1.48
MWD	57	5610	88.90	81.64	63	4418.07	1528.64	218.04 N	1529.06 E	1.07	-0.54	-0.92
MWD	58	5671	90.00	82.77	61	4418.66	1589.05	226.32 N	1589.49 E	2.59	1.80	1.85
MWD	59	5702	90.96	83.58	31	4418.40	1619.82	230.00 N	1620.27 E	4.05	3.10	2.61
MWD	60	5732	91.62	85.67	30	4417.72	1649.68	232.81 N	1650.13 E	7.30	2.20	6.97
MWD	61	5763	91.17	87.70	31	4416.97	1680.61	234.60 N	1681.06 E	6.71	-1.45	6.55
MWD	62	5854	89.86	92.08	91	4416.15	1771.56	234.77 N	1772.01 E	5.02	-1.44	4.81
MWD	63	6035	89.66	91.61	181	4416.91	1952.47	228.95 N	1952.91 E	0.28	-0.11	-0.26
MWD	64	6218	88.93	90.17	183	4419.16	2135.43	226.10 N	2135.86 E	0.88	-0.40	-0.79
MWD	65	6309	89.76	89.26	91	4420.20	2226.41	226.56 N	2226.85 E	1.35	0.91	-1.00
MWD	66	6401	91.16	90.32	92	4419.46	2318.40	226.89 N	2318.84 E	1.91	1.52	1.15
MWD	67	6584	90.97	90.21	183	4416.06	2501.37	226.05 N	2501.81 E	0.12	-0.10	-0.06
MWD	68	6770	90.52	90.25	186	4413.64	2687.35	225.30 N	2687.79 E	0.24	-0.24	0.02
MWD	69	6960	91.48	91.17	190	4410.32	2877.31	222.95 N	2877.74 E	0.70	0.51	0.48
MWD	70	7119	86.70	90.03	159	4412.85	3036.18	221.28 N	3036.61 E	3.09	-3.01	-0.72
MWD	71	7182	86.34	89.86	63	4416.67	3099.07	221.34 N	3099.50 E	0.63	-0.57	-0.27
MWD	72	7309	85.55	90.57	127	4425.65	3225.74	220.87 N	3226.17 E	0.84	-0.62	0.56
MWD	73	7435	87.04	90.98	126	4433.79	3351.46	219.17 N	3351.89 E	1.23	1.18	0.33
MWD	74	7530	90.17	92.14	95	4436.11	3446.38	216.58 N	3446.80 E	3.51	3.29	1.22
MWD	75	7657	90.10	92.49	127	4435.81	3573.28	211.45 N	3573.70 E	0.28	-0.06	0.28
MWD	76	7848	89.45	94.54	191	4436.56	3763.92	199.74 N	3764.31 E	1.13	-0.34	1.07
MWD	77	8038	88.66	95.71	190	4439.69	3953.16	182.77 N	3953.52 E	0.74	-0.42	0.62
MWD	78	8228	88.97	96.07	190	4443.62	4142.15	163.28 N	4142.47 E	0.25	0.16	0.19
MWD	79	8419	89.55	98.09	191	4446.09	4331.70	139.74 N	4331.98 E	1.10	0.30	1.06
MWD	80	8514	88.52	97.99	95	4447.69	4425.78	126.46 N	4426.03 E	1.09	-1.08	-0.11

Survey Report SIDE TRACK 2

Company **Parallel Petroleum**

Well **Paris Draw S. U. 1624-21 #1**

Field **Artesia**

Rig **Patriot 1**

Anadrill D.D. **Dave Nash**

Mag. Decl. **8.617**

Target Inc. **89.00**

Target TVD **4467**

Target Az. **90.11**

Tgt. Coord.

Date	No.	DEPTH	INC.	AZM	C.L.	T.V.D.	V.S.	N/S	E/W	DLS	B./D.	Walk
TIP	1	3450	1.65	60.22	3450	3433.38	-113.38	137.93 N	113.11 W			
MWD	2	3485	2.68	66.62	35	3468.35	-112.19	138.50 N	111.92 W	3.02	2.94	18.29
MWD	3	3515	5.66	65.01	30	3498.27	-110.20	139.41 N	109.94 W	9.94	9.93	-5.37
MWD	4	3547	9.99	74.12	32	3529.97	-106.11	140.84 N	105.84 W	14.03	13.53	28.47
MWD	5	3579	14.07	83.01	32	3561.26	-99.58	142.07 N	99.30 W	13.97	12.75	27.78
MWD	6	3610	17.52	86.65	31	3591.09	-91.18	142.80 N	90.90 W	11.57	11.13	11.74
MWD	7	3642	19.90	87.22	32	3621.39	-80.93	143.35 N	80.66 W	7.46	7.44	1.78
MWD	8	3674	22.62	86.72	32	3651.21	-69.35	143.96 N	69.07 W	8.52	8.50	-1.56
MWD	9	3705	24.52	87.52	31	3679.63	-56.97	144.58 N	56.69 W	6.22	6.13	2.58
MWD	10	3737	26.14	90.81	32	3708.55	-43.29	144.77 N	43.01 W	6.70	5.06	10.28
MWD	11	3769	28.33	89.94	32	3737.00	-28.65	144.68 N	28.37 W	6.96	6.84	-2.72
MWD	12	3801	30.55	89.46	32	3764.87	-12.92	144.76 N	12.64 W	6.98	6.94	-1.50
MWD	13	3832	31.95	89.65	31	3791.37	3.16	144.89 N	3.44 E	4.53	4.52	0.61
MWD	14	3864	32.28	89.88	32	3818.47	20.17	144.96 N	20.45 E	1.10	1.03	0.72
MWD	15	3896	32.39	89.60	32	3845.51	37.29	145.03 N	37.57 E	0.58	0.34	-0.88
MWD	16	3928	32.58	89.74	32	3872.50	54.47	145.13 N	54.75 E	0.64	0.59	0.44
MWD	17	3959	33.02	89.17	31	3898.56	71.27	145.29 N	71.54 E	1.73	1.42	-1.84
MWD	18	3991	33.10	89.57	32	3925.38	88.72	145.49 N	89.00 E	0.73	0.25	1.25
MWD	19	4023	33.32	89.16	32	3952.15	106.25	145.68 N	106.53 E	0.98	0.69	-1.28
MWD	20	4055	33.39	89.62	32	3978.88	123.84	145.87 N	124.12 E	0.82	0.22	1.44
MWD	21	4086	33.43	89.53	31	4004.76	140.91	145.99 N	141.19 E	0.21	0.13	-0.29
MWD	22	4118	35.76	89.51	32	4031.10	159.07	146.15 N	159.35 E	7.28	7.28	-0.06
MWD	23	4150	38.45	89.73	32	4056.62	178.37	146.27 N	178.65 E	8.42	8.41	0.69
MWD	24	4182	40.24	90.17	32	4081.36	198.66	146.29 N	198.94 E	5.66	5.59	1.37
MWD	25	4214	42.86	89.83	32	4105.31	219.88	146.29 N	220.16 E	8.22	8.19	-1.06
MWD	26	4245	44.31	90.31	31	4127.76	241.25	146.26 N	241.53 E	4.80	4.68	1.55
MWD	27	4277	46.75	89.85	32	4150.18	264.08	146.23 N	264.36 E	7.69	7.62	-1.44
MWD	28	4309	49.97	90.35	32	4171.44	287.99	146.19 N	288.27 E	10.13	10.06	1.56
MWD	29	4341	52.22	90.03	32	4191.53	312.89	146.11 N	313.17 E	7.07	7.03	-1.00
MWD	30	4373	53.28	89.90	32	4210.90	338.36	146.12 N	338.64 E	3.33	3.31	-0.41
MWD	31	4404	53.54	90.55	31	4229.38	363.25	146.03 N	363.53 E	1.88	0.84	2.10
MWD	32	4436	54.92	90.31	32	4248.09	389.21	145.83 N	389.49 E	4.36	4.31	-0.75
MWD	33	4468	57.53	90.39	32	4265.88	415.81	145.67 N	416.09 E	8.16	8.16	0.25
MWD	34	4500	59.83	90.92	32	4282.51	443.14	145.35 N	443.42 E	7.33	7.19	1.66

Survey Report SIDE TRACK 2

Company Parallel Petroleum								Mag. Decl. 8.617				
Well Paris Draw S. U. 1624-21 #1								Target Inc. 89.00				
Field Artesia								Target TVD 4467				
Rig Patriot 1								Target Az. 90.11				
Anadrill D.D. Dave Nash								Tgt. Coord. _____				
Date	No.	DEPTH	INC.	AZM	C.L.	T.V.D.	V.S.	N/S	E/W	DLS	B./D.	Walk
MWD	81	8705	88.66	97.86	191	4452.39	4614.95	100.13 N	4615.15 E	0.10	0.07	-0.07
MWD	82	8783	88.62	99.16	78	4454.24	4692.09	88.59 N	4692.27 E	1.67	-0.05	1.67
TD	83	8853	88.62	99.16	70	4455.93	4761.20	77.45 N	4761.35 E			

A Gyrodata Directional Survey

NOT DEFINITIVE
for

PARALLEL PETROLEUM

Location: PATRIOT # 1, CHAVES COUNTY, NEW MEXICO
Lease: PARIS DRAW STATE UNIT 1624-21 Well: #1, 4-1/2 DRILLPIPE

Job Number: MD0607GW228

Run Date: 6/22/2007 4:04:52 AM

Surveyor: JAMES KING

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 32.902847 deg. N Longitude: 104.602633 deg. W

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 Local Horizontal Reference

A Gyrodata Directional Survey

PARALLEL PETROLEUM

Location: PATRIOT # 1, CHAVES COUNTY, NEW MEXICO

Lease: PARIS DRAW STATE UNIT 1624-21 Well: #1, 4-1/2 DRILLPIPE

Job Number: MD0607GW228

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 - 4443 FT RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 4-1/2 DRILLPIPE							
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO PATRIOT RIG # 1 RKB (13 FT)							

100.00	0.52	159.53	-0.4	0.52	100.00	0.4 159.5	0.42 S 0.16 E
150.00	0.87	160.51	-1.0	0.71	149.99	1.1 159.9	0.99 S 0.36 E
200.00	1.00	162.46	-1.8	0.28	199.99	1.9 160.6	1.77 S 0.62 E
250.00	1.37	162.70	-2.8	0.73	249.98	2.9 161.3	2.75 S 0.93 E
300.00	1.99	167.43	-4.2	1.27	299.96	4.4 162.7	4.17 S 1.30 E
350.00	3.44	184.25	-6.5	3.29	349.90	6.7 168.1	6.51 S 1.37 E
400.00	6.05	194.88	-10.6	5.48	399.72	10.6 176.8	10.56 S 0.59 E
450.00	7.66	204.56	-16.1	3.96	449.37	16.2 185.2	16.14 S 1.48 W
500.00	7.94	219.86	-21.8	4.18	498.91	22.4 193.1	21.82 S 5.08 W
550.00	8.76	242.00	-26.3	6.59	548.39	28.3 202.1	26.26 S 10.66 W
600.00	9.04	263.43	-28.5	6.62	597.80	33.7 212.2	28.50 S 17.92 W
650.00	9.44	289.02	-27.6	8.18	647.17	37.7 222.9	27.61 S 25.71 W
700.00	10.28	303.56	-23.8	5.24	696.44	40.9 234.4	23.81 S 33.30 W
750.00	12.36	322.43	-17.1	8.45	745.49	43.8 247.0	17.10 S 40.28 W
800.00	13.29	330.03	-7.9	3.85	794.24	47.1 260.4	7.88 S 46.42 W
850.00	12.49	330.98	1.8	1.67	842.98	51.9 272.0	1.83 N 51.91 W
900.00	11.91	331.11	11.1	1.15	891.85	58.1 281.0	11.07 N 57.03 W
950.00	11.35	331.44	19.9	1.14	940.82	65.0 287.8	19.91 N 61.87 W
1000.00	10.87	331.20	28.4	0.95	989.89	72.3 293.1	28.36 N 66.49 W
1050.00	10.03	331.66	36.3	1.68	1039.06	79.6 297.2	36.33 N 70.83 W

A Gyrodata Directional Survey

PARALLEL PETROLEUM

Location: PATRIOT # 1, CHAVES COUNTY, NEW MEXICO

Lease: PARIS DRAW STATE UNIT 1624-21 Well: #1, 4-1/2 DRILLPIPE

Job Number: MD0607GW228

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	9.66	332.68	43.9	0.82	1088.32	86.7 300.4	43.89 N 74.83 W
1150.00	9.22	333.27	51.2	0.90	1137.64	93.8 303.1	51.20 N 78.55 W
1200.00	8.54	332.19	58.1	1.41	1187.04	100.5 305.3	58.06 N 82.09 W
1250.00	8.28	333.23	64.6	0.59	1236.51	107.1 307.1	64.56 N 85.44 W
1300.00	7.95	333.93	70.9	0.69	1286.00	113.4 308.7	70.88 N 88.58 W
1350.00	7.63	335.53	77.0	0.77	1335.54	119.6 310.1	77.00 N 91.48 W
1400.00	6.80	335.63	82.7	1.66	1385.15	125.3 311.3	82.72 N 94.07 W
1450.00	6.66	336.00	88.1	0.30	1434.80	130.6 312.4	88.07 N 96.48 W
1500.00	5.71	335.99	93.0	1.89	1484.51	135.6 313.3	92.99 N 98.67 W
1550.00	5.15	333.25	97.3	1.24	1534.29	140.0 314.0	97.27 N 100.69 W
1600.00	4.24	333.21	100.9	1.82	1584.12	143.9 314.5	100.92 N 102.53 W
1650.00	3.63	332.29	104.0	1.21	1634.00	147.1 315.0	103.97 N 104.10 W
1700.00	3.29	334.88	106.7	0.75	1683.91	150.0 315.3	106.67 N 105.45 W
1750.00	2.74	338.75	109.1	1.17	1733.84	152.5 315.7	109.09 N 106.49 W
1800.00	2.91	343.72	111.4	0.59	1783.78	154.7 316.1	111.42 N 107.28 W
1850.00	2.29	342.51	113.6	1.24	1833.73	156.7 316.5	113.59 N 107.94 W
1900.00	2.27	336.28	115.5	0.50	1883.69	158.5 316.7	115.45 N 108.63 W
1950.00	2.19	343.76	117.3	0.61	1933.65	160.3 317.0	117.28 N 109.30 W
2000.00	2.23	338.89	119.1	0.38	1983.61	162.1 317.3	119.10 N 109.92 W
2050.00	1.81	333.14	120.7	0.93	2033.58	163.7 317.5	120.71 N 110.62 W
2100.00	1.53	330.24	122.0	0.58	2083.56	165.1 317.6	121.99 N 111.31 W
2150.00	1.49	328.85	123.1	0.11	2133.54	166.4 317.7	123.13 N 111.98 W
2200.00	1.29	332.24	124.2	0.43	2183.53	167.6 317.8	124.18 N 112.58 W
2250.00	1.32	331.49	125.2	0.07	2233.51	168.7 317.9	125.19 N 113.12 W

A Gyrodata Directional Survey

PARALLEL PETROLEUM

Location: PATRIOT # 1, CHAVES COUNTY, NEW MEXICO

Lease: PARIS DRAW STATE UNIT 1624-21 Well: #1, 4-1/2 DRILLPIPE

Job Number: MD0607GW228

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	1.06	317.74	126.0	0.77	2283.50	169.7 317.9	126.04 N 113.70 W
2350.00	1.03	319.76	126.7	0.09	2333.50	170.7 317.9	126.72 N 114.30 W
2400.00	1.00	329.25	127.4	0.34	2383.49	171.5 318.0	127.44 N 114.82 W
2450.00	0.87	335.93	128.2	0.34	2433.48	172.3 318.1	128.16 N 115.19 W
2500.00	1.09	326.46	128.9	0.55	2483.47	173.2 318.1	128.91 N 115.61 W
2550.00	0.86	327.43	129.6	0.48	2533.47	174.0 318.2	129.62 N 116.08 W
2600.00	0.91	320.82	130.2	0.23	2583.46	174.8 318.2	130.24 N 116.53 W
2650.00	0.90	328.40	130.9	0.24	2633.45	175.5 318.2	130.88 N 116.99 W
2700.00	0.92	328.73	131.6	0.04	2683.45	176.3 318.3	131.56 N 117.40 W
2750.00	0.79	340.93	132.2	0.44	2733.44	177.0 318.3	132.23 N 117.72 W
2800.00	0.68	358.18	132.9	0.50	2783.44	177.6 318.4	132.86 N 117.84 W
2850.00	0.61	355.50	133.4	0.15	2833.43	178.0 318.5	133.42 N 117.87 W
2900.00	0.68	17.12	134.0	0.50	2883.43	178.4 318.7	133.97 N 117.81 W
2950.00	0.50	25.38	134.4	0.39	2933.43	178.6 318.8	134.45 N 117.63 W
3000.00	0.35	33.01	134.8	0.33	2983.43	178.8 318.9	134.77 N 117.45 W
3050.00	0.25	0.16	135.0	0.39	3033.43	178.9 319.0	135.01 N 117.37 W
3100.00	0.25	18.57	135.2	0.16	3083.43	179.0 319.1	135.22 N 117.33 W
3150.00	0.25	54.62	135.4	0.31	3133.43	179.1 319.1	135.39 N 117.21 W
3200.00	0.52	51.71	135.6	0.54	3183.42	179.1 319.2	135.59 N 116.94 W
3250.00	0.68	54.51	135.9	0.33	3233.42	179.0 319.4	135.91 N 116.52 W
3300.00	0.94	59.88	136.3	0.54	3283.42	178.9 319.6	136.28 N 115.92 W
3350.00	1.09	55.55	136.8	0.33	3333.41	178.8 319.9	136.76 N 115.18 W
3400.00	1.36	62.49	137.3	0.61	3383.40	178.6 320.2	137.30 N 114.26 W
3450.00	1.65	60.22	137.9	0.60	3433.38	178.4 320.6	137.93 N 113.11 W

A Gyrodata Directional Survey

PARALLEL PETROLEUM

Location: PATRIOT # 1, CHAVES COUNTY, NEW MEXICO

Lease: PARIS DRAW STATE UNIT 1624-21 Well: #1, 4-1/2 DRILLPIPE

Job Number: MD0607GW228

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	1.72	66.65	138.6	0.41	3483.36	178.1 321.1	138.59 N 111.80 W
3550.00	2.05	63.09	139.3	0.69	3533.33	177.7 321.6	139.29 N 110.31 W
3600.00	1.77	52.72	140.2	0.89	3583.30	177.5 322.2	140.16 N 108.90 W
3650.00	1.79	50.25	141.1	0.16	3633.28	177.5 322.7	141.12 N 107.69 W
3700.00	1.65	51.81	142.1	0.29	3683.26	177.6 323.1	142.07 N 106.53 W
3750.00	1.53	54.16	142.9	0.26	3733.24	177.6 323.6	142.90 N 105.42 W
3800.00	1.61	59.91	143.7	0.35	3783.22	177.5 324.0	143.65 N 104.27 W
3850.00	1.54	50.82	144.4	0.52	3833.20	177.5 324.5	144.42 N 103.14 W
3900.00	1.85	54.55	145.3	0.65	3883.18	177.5 324.9	145.32 N 101.96 W
3950.00	2.21	56.44	146.3	0.73	3933.15	177.5 325.5	146.32 N 100.49 W
4000.00	2.24	58.32	147.4	0.16	3983.11	177.5 326.1	147.37 N 98.86 W
4050.00	2.31	57.79	148.4	0.14	4033.07	177.4 326.8	148.42 N 97.17 W
4100.00	2.33	57.22	149.5	0.07	4083.03	177.4 327.4	149.51 N 95.47 W
4150.00	2.24	57.72	150.6	0.20	4132.99	177.4 328.1	150.58 N 93.79 W
4200.00	2.14	58.24	151.6	0.20	4182.95	177.4 328.7	151.59 N 92.17 W
4250.00	2.03	57.87	152.6	0.22	4232.92	177.4 329.3	152.55 N 90.63 W
4300.00	1.92	57.50	153.5	0.22	4282.89	177.5 329.8	153.47 N 89.17 W
4350.00	1.89	58.09	154.4	0.07	4332.86	177.6 330.4	154.36 N 87.77 W
4400.00	1.86	58.68	155.2	0.07	4382.84	177.6 330.9	155.21 N 86.38 W
4443.21	1.72	57.27	155.9	0.32	4426.03	177.7 331.3	155.93 N 85.23 W

Final Station Closure: Distance: 177.70 ft Az: 331.34 deg.