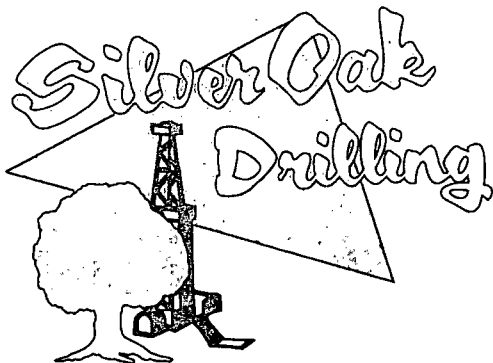


RECEIVED

APR 11 2013



PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

15- 4/092

March 29, 2013

RKI Exploration
210 Park Ave.
Suite 900
Oklahoma City, OK 73102

RE: Longview Federal #12-15H
330' FNL & 2310' FWL
Sec. 12, T23S, R28E
Eddy County, New Mexico

Dear Sir,

The attached is the Deviation Survey for the above captioned well.

Very truly yours,

A handwritten signature in black ink, appearing to read "Eddie C. LaRue".

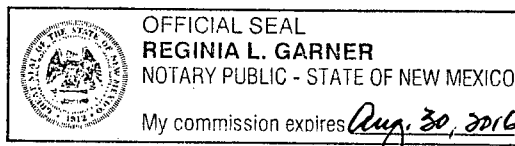
Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 29th day of March, 2013.

A handwritten signature in black ink, appearing to read "Regina L. Garner".

Notary Public



Well Dossier 1361674288 - LONGVIEW FEDERAL 12-15H

# Date	Depth	Deviation	Direction	TVD
2/25/2013	134	0.20	0.00	0.00
2/25/2013	195	0.30	0.00	0.00
2/27/2013	451	0.60	0.00	0.00
2/28/2013	696	1.20	0.00	0.00
2/28/2013	1186	1.90	0.00	0.00
2/28/2013	1339	1.90	0.00	0.00
2/28/2013	1492	1.30	0.00	0.00
2/28/2013	1680	0.00	0.00	0.00
3/1/2013	1870	0.40	0.00	0.00
3/1/2013	2124	1.50	0.00	0.00
3/1/2013	2347	3.00	0.00	0.00
3/1/2013	2442	4.00	0.00	0.00
3/2/2013	2696	2.30	0.00	0.00
3/2/2013	2791	0.70	0.00	0.00
3/2/2013	2886	1.20	0.00	0.00
3/2/2013	2981	1.10	0.00	0.00
3/2/2013	3172	1.20	0.00	0.00
3/2/2013	3362	0.60	0.00	0.00
3/2/2013	3553	0.80	0.00	0.00
3/3/2013	3807	1.00	0.00	0.00
3/3/2013	3920	0.80	0.00	0.00
3/5/2013	4155	0.40	0.00	0.00
3/5/2013	4409	0.90	0.00	0.00
3/5/2013	4663	0.50	0.00	0.00
3/5/2013	4917	0.50	0.00	0.00
3/6/2013	5171	1.10	0.00	0.00
3/6/2013	5426	1.10	0.00	0.00
3/6/2013	5680	0.30	0.00	0.00
3/6/2013	5934	0.60	0.00	0.00
3/6/2013	6187	1.10	0.00	0.00
3/7/2013	6441	0.80	0.00	0.00
3/7/2013	6695	0.60	0.00	0.00
3/7/2013	6950	3.00	0.00	0.00
3/7/2013	7140	1.80	0.00	0.00
3/8/2013	7394	0.40	0.00	0.00
3/8/2013	7676	0.00	0.00	0.00
3/10/2013	7856	3.00	319.10	0.00
3/10/2013	7952	11.10	3.40	0.00
3/10/2013	7983	14.00	2.00	7949.00
3/10/2013	8079	23.30	0.90	8070.51
3/10/2013	8174	32.90	5.10	8154.09
3/10/2013	8330	45.70	1.40	8275.00
3/11/2013	8362	49.80	2.70	8297.00

#	Date	Depth	Deviation	Direction	TVD
3/11/2013	8393	52.90	3.40	8316.70	
3/11/2013	8425	55.90	2.50	8335.00	
3/11/2013	8456	59.50	1.40	8352.00	
3/11/2013	8488	63.80	1.10	8367.10	
3/11/2013	8518	67.60	1.10	8379.00	
3/11/2013	8613	73.20	0.40	8410.11	
3/11/2013	8765	78.20	1.60	8425.68	
3/15/2013	8879	87.50	4.40	8445.00	
3/15/2013	9069	89.30	3.40	8448.00	
3/15/2013	9196	89.70	2.00	8448.00	
3/15/2013	9291	91.50	0.60	8448.00	
3/16/2013	9417	93.00	0.20	8443.00	
3/16/2013	9481	92.80	14.00	8439.88	
3/16/2013	9576	91.20	2.90	8435.57	
3/16/2013	9639	91.00	2.90	8434.00	
3/16/2013	9766	91.00	3.70	8432.00	
3/16/2013	9861	90.80	2.70	8430.00	
3/16/2013	9956	90.10	2.30	8429.00	
3/16/2013	10050	90.50	4.10	8429.00	
3/16/2013	10145	91.60	3.70	8427.00	
3/16/2013	10240	91.10	4.60	8425.00	
3/17/2013	10334	91.80	4.10	8422.90	
3/17/2013	10429	90.60	4.40	8420.90	
3/17/2013	10524	90.90	3.70	8419.70	
3/17/2013	10731	90.00	3.60	8420.00	
3/17/2013	10807	90.70	3.20	8419.00	
3/17/2013	10996	90.30	4.30	8417.00	
3/17/2013	11091	90.20	4.30	8417.00	
3/17/2013	11185	89.50	3.20	8417.00	
3/17/2013	11280	89.70	4.30	8418.00	
3/17/2013	11375	90.89	4.60	8417.00	
3/18/2013	11469	89.40	3.60	8417.40	
3/18/2013	11564	89.30	4.10	8418.50	
3/19/2013	11658	89.70	4.10	8419.30	
3/19/2013	11753	91.50	4.10	8418.30	
3/19/2013	11942	91.00	2.50	8413.00	
3/20/2013	12037	91.00	2.20	8412.20	
3/20/2013	12131	89.50	0.60	8411.70	
3/20/2013	12226	89.10	359.90	8412.90	
3/20/2013	12320	88.90	0.40	8414.54	
3/20/2013	12415	89.30	2.00	8416.03	
3/20/2013	12478	90.00	3.20	8416.00	
3/20/2013	12699	93.00	3.90	8409.00	
3/21/2013	12794	93.20	5.50	8404.00	
3/21/2013	12889	91.50	6.70	8400.10	

#	Date	Depth	Deviation	Direction	TVD
	3/21/2013	12984	90.50	5.50	8398.45
	3/21/2013	13078	90.70	4.80	8397.47
	3/21/2013	13173	91.40	4.40	8395.73
	3/21/2013	13362	91.00	4.80	8392.00
	3/21/2013	13457	89.30	3.40	8392.00
	3/22/2013	13552	90.70	3.40	8392.00
	3/22/2013	13647	92.00	2.50	8389.90
	3/22/2013	13742	89.00	1.80	8389.10
	3/22/2013	13900	89.20	0.70	0.00
#	EOF				

TERRA PILOT MWD SURVEY REPORT



Company: RKI
 Well: Longview Federal 12-15H
 Location: Eddy Co NM
 Rig: Silver oaks 9

Job Number: TPNM13-02-067
 Magnetic Decl.: 7.6
 Grid Corr.:
 Total Grid Corr.: 7.6

Calculation Method: Minimum Curvature
 Proposed Azimuth: 3.31
 WELL API #: 30-015-41092
 Tie Into: GYRO

Survey #	Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')
								N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)		
Tie In	GYRO	7718	2.36	241.80		7716.2	-40.01	-40.89	14.06	43.24	161.03	1.48	
1	mwd	7793.00	2.00	258.80	75	7791.15	-41.14	41.87 S	11.42 E	43.40	164.75	0.98	-0.48
2	mwd	7825.00	1.70	270.40	32	7823.13	-41.31	41.98 S	10.39 E	43.25	166.09	1.49	-0.94
3	mwd	7856.00	3.00	319.10	31	7854.11	-40.75	41.36 S	9.40 E	42.42	167.19	7.33	4.19
4	mwd	7888.00	5.50	347.90	32	7886.02	-38.67	39.23 S	8.53 E	40.15	167.73	10.04	7.81
5	mwd	7920.00	8.20	359.50	32	7917.79	-34.92	35.45 S	8.19 E	36.38	166.99	9.44	8.44
6	mwd	7952.00	11.10	3.40	32	7949.33	-29.56	30.09 S	8.35 E	31.23	164.48	9.28	9.06
7	mwd	7983.00	14.10	2.00	31	7979.58	-22.80	23.34 S	8.66 E	24.89	159.64	9.73	9.68
8	mwd	8015.00	16.90	1.60	32	8010.42	-14.25	14.79 S	8.93 E	17.27	148.88	8.76	8.75
9	mwd	8047.00	20.00	0.00	32	8040.77	-4.13	4.66 S	9.06 E	10.19	117.25	9.82	9.69
10	mwd	8079.00	23.30	0.90	32	8070.51	7.66	7.14 N	9.16 E	11.61	52.06	10.36	10.31
11	mwd	8111.00	26.70	1.60	32	8099.50	21.17	20.66 N	9.46 E	22.72	24.60	10.66	10.63
12	mwd	8142.00	30.00	4.60	31	8126.78	35.88	35.35 N	10.27 E	36.81	16.21	11.59	10.65
13	mwd	8174.00	32.90	5.10	32	8154.08	52.57	51.98 N	11.69 E	53.28	12.67	9.10	9.06
14	mwd	8205.00	35.20	4.60	31	8179.76	69.92	69.28 N	13.15 E	70.52	10.75	7.47	7.42
15	mwd	8236.00	37.20	3.60	31	8204.78	88.23	87.54 N	14.46 E	88.72	9.38	6.73	6.45
16	mwd	8267.00	38.80	0.70	31	8229.21	107.30	106.61 N	15.17 E	107.68	8.10	7.73	5.16
17	mwd	8299.00	42.10	0.60	32	8253.56	128.04	127.36 N	15.40 E	128.29	6.89	10.31	10.31
18	mwd	8330.00	45.70	1.40	31	8275.89	149.51	148.85 N	15.78 E	149.68	6.05	11.75	11.61
19	mwd	8362.00	49.80	2.70	32	8297.40	173.19	172.52 N	16.64 E	173.32	5.51	13.16	12.81
20	mwd	8393.00	52.90	3.40	31	8316.76	197.40	196.69 N	17.93 E	197.50	5.21	10.15	10.00
21	mwd	8425.00	55.90	2.50	32	8335.39	223.41	222.67 N	19.26 E	223.50	4.94	9.65	9.38
22	mwd	8456.00	59.50	1.40	31	8351.95	249.60	248.85 N	20.15 E	249.67	4.63	11.99	11.61
23	mwd	8488.00	63.80	1.10	32	8367.14	277.74	277.00 N	20.76 E	277.78	4.29	13.46	13.44
24	mwd	8518.00	67.60	1.10	30	8379.48	305.06	304.33 N	21.29 E	305.08	4.00	12.67	12.67
25	mwd	8550.00	70.60	0.40	32	8390.90	334.92	334.22 N	21.68 E	334.92	3.71	9.60	9.38
26	mwd	8582.00	72.60	0.40	32	8401.00	365.24	364.58 N	21.89 E	365.24	3.44	6.25	6.25
27	mwd	8613.00	73.20	0.40	31	8410.11	394.83	394.21 N	22.09 E	394.83	3.21	1.94	1.94
28	mwd	8644.00	75.20	0.40	31	8418.55	424.62	424.04 N	22.30 E	424.63	3.01	6.45	6.45
29	mwd	8675.00	78.20	1.60	31	8425.68	454.76	454.20 N	22.83 E	454.77	2.88	10.38	9.68
30	mwd	8706.00	80.80	2.70	31	8431.33	485.23	484.66 N	23.98 E	485.25	2.83	9.08	8.39
31	mwd	8738.00	83.40	3.40	32	8435.73	516.92	516.30 N	25.66 E	516.94	2.85	8.41	8.13
32	mwd	8769.00	85.60	3.60	31	8438.70	547.78	547.10 N	27.55 E	547.79	2.88	7.13	7.10

TERRA PILOT MWD SURVEY REPORT



Company: RKI
 Well: Longview Federal 12-15H
 Location: Eddy Co NM
 Rig: Silver oaks 9

Job Number: TPNM13-02-067
 Magnetic Decl.: 7.6
 Grid Corr.:
 Total Grid Corr.: 7.6

Calculation Method: Minimum Curvature
 Proposed Azimuth: 3.31
 WELL API #: 30-015-41092
 Tie Into: GYRO

Survey #	Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')
								N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)		
33	mwd	8910.00	88.60	4.40	141	8445.84	688.57	687.56 N	37.37 E	688.58	3.11	2.20	2.13
34	mwd	8942.00	88.50	4.40	32	8446.64	720.56	719.46 N	39.82 E	720.56	3.17	0.31	-0.31
35	mwd	8974.00	89.30	4.10	32	8447.26	752.55	751.36 N	42.20 E	752.55	3.21	2.67	2.50
36	mwd	9006.00	89.00	4.10	32	8447.73	784.54	783.28 N	44.48 E	784.54	3.25	0.94	-0.94
37	mwd	9037.00	89.30	3.70	31	8448.19	815.53	814.20 N	46.59 E	815.53	3.28	1.61	0.97
38	mwd	9069.00	89.30	3.40	32	8448.58	847.53	846.14 N	48.57 E	847.53	3.29	0.94	0.00
39	mwd	9101.00	90.40	3.20	32	8448.67	879.53	878.08 N	50.41 E	879.53	3.29	3.49	3.44
40	mwd	9132.00	90.30	2.70	31	8448.48	910.53	909.04 N	52.01 E	910.53	3.27	1.64	-0.32
41	mwd	9164.00	90.00	2.50	32	8448.40	942.53	941.01 N	53.46 E	942.53	3.25	1.13	-0.94
42	mwd	9196.00	89.70	2.00	32	8448.48	974.52	972.98 N	54.72 E	974.52	3.22	1.82	-0.94
43	mwd	9227.00	89.50	1.40	31	8448.70	1005.51	1003.97 N	55.64 E	1005.51	3.17	2.04	-0.65
44	mwd	9259.00	89.30	1.40	32	8449.03	1037.49	1035.96 N	56.42 E	1037.49	3.12	0.62	-0.63
45	mwd	9291.00	91.50	0.60	32	8448.81	1069.46	1067.95 N	56.98 E	1069.47	3.05	7.32	6.88
46	mwd	9322.00	92.20	0.40	31	8447.81	1100.40	1098.93 N	57.25 E	1100.42	2.98	2.35	2.26
47	mwd	9354.00	92.70	0.20	32	8446.44	1132.33	1130.90 N	57.42 E	1132.36	2.91	1.68	1.56
48	mwd	9386.00	93.00	0.00	32	8444.85	1164.24	1162.86 N	57.47 E	1164.28	2.83	1.13	0.94
49	mwd	9417.00	93.00	0.20	31	8443.22	1195.15	1193.82 N	57.53 E	1195.21	2.76	0.64	0.00
50	mwd	9449.00	93.10	0.00	32	8441.52	1227.06	1225.78 N	57.58 E	1227.13	2.69	0.70	0.31
51	mwd	9481.00	92.80	1.40	32	8439.88	1258.98	1257.73 N	57.97 E	1259.07	2.64	4.47	-0.94
52	mwd	9513.00	92.90	1.80	32	8438.28	1290.92	1289.68 N	58.86 E	1291.02	2.61	1.29	0.31
53	mwd	9544.00	92.90	1.60	31	8436.72	1321.87	1320.62 N	59.78 E	1321.98	2.59	0.64	0.00
54	mwd	9576.00	91.20	2.90	32	8435.57	1353.85	1352.58 N	61.04 E	1353.95	2.58	6.69	-5.31
55	mwd	9608.00	90.80	2.90	32	8435.01	1385.84	1384.53 N	62.66 E	1385.95	2.59	1.25	-1.25
56	mwd	9639.00	91.00	2.90	31	8434.53	1416.83	1415.49 N	64.22 E	1416.94	2.60	0.65	0.65
57	mwd	9671.00	91.00	4.10	32	8433.97	1448.83	1447.42 N	66.18 E	1448.93	2.62	3.75	0.00
58	mwd	9766.00	91.00	3.70	95	8432.31	1543.81	1542.19 N	72.64 E	1543.90	2.70	0.42	0.00
59	mwd	9861.00	90.80	2.70	95	8430.82	1638.80	1637.03 N	77.94 E	1638.88	2.73	1.07	-0.21
60	mwd	9956.00	90.30	2.30	95	8429.91	1733.78	1731.93 N	82.08 E	1733.88	2.71	0.67	-0.53
61	mwd	10050.00	90.50	4.10	94	8429.25	1827.78	1825.78 N	87.33 E	1827.87	2.74	1.93	0.21
62	mwd	10145.00	91.60	3.70	95	8427.51	1922.75	1920.54 N	93.79 E	1922.83	2.80	1.23	1.16
63	mwd	10240.00	91.10	4.60	95	8425.27	2017.71	2015.26 N	100.66 E	2017.78	2.86	1.08	-0.53
64	mwd	10334.00	91.80	4.10	94	8422.89	2111.67	2108.96 N	107.79 E	2111.72	2.93	0.92	0.74
65	mwd	10429.00	90.60	4.40	95	8420.90	2206.63	2203.68 N	114.83 E	2206.67	2.98	1.30	-1.26
66	mwd	10524.00	90.90	3.70	95	8419.66	2301.62	2298.43 N	121.54 E	2301.64	3.03	0.80	0.32
67	mwd	10618.00	89.30	2.70	94	8419.49	2395.61	2392.28 N	126.79 E	2395.64	3.03	2.01	-1.70
68	mwd	10713.00	90.00	3.60	95	8420.07	2490.61	2487.14 N	132.01 E	2490.64	3.04	1.20	0.74

TERRA PILOT MWD SURVEY REPORT



Company: RKI
 Well: Longview Federal 12-15H
 Location: Eddy Co NM
 Rig: Silver oaks 9

Job Number: TPNM13-02-067
 Magnetic Decl.: 7.6
 Grid Corr.:
 Total Grid Corr.: 7.6

Calculation Method: Minimum Curvature
 Proposed Azimuth: 3.31
 WELL API #: 30-015-41092
 Tie Into: GYRO

Survey #	Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')
								N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)		
69	mwd	10807.00	90.70	3.20	94	8419.50	2584.61	2580.97 N	137.58 E	2584.63	3.05	0.86	0.74
70	mwd	10902.00	90.60	2.50	95	8418.42	2679.60	2675.84 N	142.30 E	2679.62	3.04	0.74	-0.11
71	mwd	10996.00	90.30	4.30	94	8417.68	2773.59	2769.67 N	147.88 E	2773.62	3.06	1.94	-0.32
72	mwd	11091.00	90.20	4.30	95	8417.27	2868.57	2864.40 N	155.00 E	2868.59	3.10	0.11	-0.11
73	mwd	11185.00	89.50	3.20	94	8417.52	2962.57	2958.20 N	161.15 E	2962.58	3.12	1.39	-0.74
74	mwd	11280.00	89.70	4.30	95	8418.18	3057.56	3052.99 N	167.36 E	3057.58	3.14	1.18	0.21
75	mwd	11375.00	90.90	4.60	95	8417.68	3152.54	3147.70 N	174.73 E	3152.55	3.18	1.30	1.26
76	mwd	11469.00	89.40	3.60	94	8417.44	3246.53	3241.46 N	181.45 E	3246.53	3.20	1.92	-1.60
77	mwd	11564.00	89.30	4.10	95	8418.51	3341.52	3336.24 N	187.83 E	3341.52	3.22	0.54	-0.11
78	mwd	11658.00	89.70	4.10	94	8419.33	3435.50	3429.99 N	194.55 E	3435.51	3.25	0.43	0.43
79	mwd	11753.00	91.50	4.10	95	8418.34	3530.49	3524.74 N	201.34 E	3530.49	3.27	1.89	1.89
80	mwd	11847.00	91.50	3.40	94	8415.88	3624.45	3618.51 N	207.49 E	3624.45	3.28	0.74	0.00
81	mwd	11942.00	91.00	2.50	95	8413.81	3719.42	3713.36 N	212.38 E	3719.42	3.27	1.08	-0.53
82	mwd	12037.00	91.00	2.20	95	8412.15	3814.40	3808.26 N	216.27 E	3814.40	3.25	0.32	0.00
83	mwd	12131.00	89.50	0.60	94	8411.74	3908.34	3902.23 N	218.57 E	3908.34	3.21	2.33	-1.60
84	mwd	12226.00	89.10	359.90	95	8412.90	4003.19	3997.22 N	218.98 E	4003.21	3.14	0.85	-0.42
85	mwd	12320.00	88.90	0.40	94	8414.54	4097.04	4091.20 N	219.23 E	4097.07	3.07	0.57	-0.21
86	mwd	12415.00	89.30	2.00	95	8416.03	4191.96	4186.17 N	221.22 E	4192.01	3.02	1.74	0.42
87	mwd	12509.00	90.60	3.20	94	8416.11	4285.95	4280.07 N	225.48 E	4286.00	3.02	1.88	1.38
88	mwd	12604.00	92.40	4.10	95	8413.63	4380.91	4374.84 N	231.53 E	4380.96	3.03	2.12	1.89
89	mwd	12698.00	93.00	3.90	94	8409.20	4474.79	4468.50 N	238.08 E	4474.84	3.05	0.67	0.64
90	mwd	12794.00	93.20	5.50	96	8404.01	4570.62	4564.04 N	245.93 E	4570.66	3.08	1.68	0.21
91	mwd	12889.00	91.50	6.70	95	8400.11	4665.43	4658.41 N	256.02 E	4665.44	3.15	2.19	-1.79
92	mwd	12984.00	90.50	5.50	95	8398.45	4760.30	4752.86 N	266.11 E	4760.30	3.20	1.64	-1.05
93	mwd	13078.00	90.70	4.80	94	8397.47	4854.24	4846.47 N	274.55 E	4854.24	3.24	0.77	0.21
94	mwd	13173.00	91.40	4.40	95	8395.73	4949.20	4941.15 N	282.17 E	4949.20	3.27	0.85	0.74
95	mwd	13268.00	90.80	4.80	95	8393.90	5044.16	5035.83 N	289.78 E	5044.16	3.29	0.76	-0.63
96	mwd	13362.00	91.00	4.80	94	8392.43	5138.11	5129.49 N	297.65 E	5138.11	3.32	0.21	0.21
97	mwd	13457.00	89.30	3.40	95	8392.18	5233.10	5224.24 N	304.44 E	5233.10	3.34	2.32	-1.79
98	mwd	13552.00	90.70	3.40	95	8392.18	5328.10	5319.07 N	310.07 E	5328.10	3.34	1.47	1.47
99	mwd	13647.00	92.00	2.50	95	8389.94	5423.07	5413.91 N	314.96 E	5423.07	3.33	1.66	1.37
100	mwd	13742.00	89.00	1.80	95	8389.11	5518.03	5508.83 N	318.53 E	5518.03	3.31	3.24	-3.16
101	mwd	13837.00	88.10	0.90	95	8391.52	5612.94	5603.77 N	320.76 E	5612.94	3.28	1.34	-0.95
102	mwd	13931.00	89.40	0.20	94	8393.57	5706.81	5697.74 N	321.67 E	5706.81	3.23	1.57	1.38
103	mwd	13951.00	89.70	0.20	20	8393.72	5726.78	5717.74 N	321.74 E	5726.79	3.22	1.50	1.50
104	PTB	14000.00	89.70	0.20	49	8393.98	5775.71	5766.74 N	321.91 E	5775.72	3.20	0.00	0.00

**TERRA
PALOT**
MWD Tools LLC

Job Number:	TPNM13-02-067
Magnetic Decl.:	7.6
Grid Corr.:	
Total Grid Corr.:	7.6

[illegible]

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RE-COMPLETION REPORT AND LOG

Bold* fields are required.

Section 1 - Completed by Operator	
1. BLM Office* Carlsbad, NM	2. Well Type* OIL
3. Completion Type* New Well	
Operating Company Information	
4. Company Name* RKI EXPLORATION AND PRODUCTION	
5. Address* 210 PARK AVE., SUITE 900 OKLAHOMA CITY OK 73102	6. Phone Number* 405-949-2221
Administrative Contact Information	
7. Contact Name* JODY _ NOERDLINGER	8. Title* REGULATORY ANALYST
9. Address* 210 PARK AVE., SUITE 900 OKLAHOMA CITY OK 73102	10. Phone Number* 405-996-5774 11. Mobile Number 405-414-0151
12. E-mail* jnoerdlinger@rkixp.com	13. Fax Number 405-996-5772
Technical Contact Information	
☒ Check here if Technical Contact is the same as Administrative Contact.	
14. Contact Name* _____	15. Title* _____
16. Address* _____ _____ _____	17. Phone Number* _____ 18. Mobile Number _____
19. E-mail* _____	20. Fax Number _____
Surface Location	
21. Specify location using one of the following methods: a) State, County, Section, Township, Range, Meridian, N/S Footage, E/W Footage, with Qtr/Qtr, Lot, or Tract b) State, County, Latitude, Longitude, Metes & Bounds description	
State*	County or Parish*

NM	EDDY			
Section 12	Township 23S	Range 28E	Meridian NEW MEXICO PRINCIPAL	
Qtr/Qtr NENW	Lot # —	Tract # —	N/S Footage 835 FNL	E/W Footage 2010 FWL
Latitude —	Longitude —	Metes and Bounds		

Producing Interval Location

22. Specify location or

☐ Check here if the producing hole location is the same as the surface location.

State* NM	County or Parish* EDDY			
Section 12	Township 23S	Range 28E	Meridian NEW MEXICO PRINCIPAL	
Qtr/Qtr NENW	Lot # —	Tract # —	N/S Footage 777 FNL	E/W Footage 2028 FWL
Latitude —	Longitude —	Metes and Bounds		

Bottom Location

23. Specify location or

☐ Check here if the bottom hole location is the same as the surface location.

State* NM	County or Parish* EDDY			
Section 1	Township 23S	Range 28E	Meridian NEW MEXICO PRINCIPAL	
Qtr/Qtr NENW	Lot # —	Tract # —	N/S Footage 348 FNL	E/W Footage 2332 FWL
Latitude —	Longitude —	Metes and Bounds		

Lease and Agreement

24. Lease Serial Number* NMNM91078	
26. If Unit or CA/Agreement, Name and/or Number —	27. Field and Pool, or Exploratory Area* CULEBRA BLUFF; BS SOUTH

Well

28. Well Name* LONGVIEW FEDERAL		29. Well Number* 12-15H		30. API Number 30-015-41092	
31. Date Spudded 02/25/2013	32. Date T.D. Reached 03/22/2013	33. Date Completed 07/24/2013 ☐ Dry & Abandoned ☒ Ready to Produce		34. Elevations (DF, RKB, RT, GL) 3074 Kelly Bushing	
35. Total Depth: MD 14000 TVD 8399		36. Plug Back Total Depth: MD 13983 TVD 8398		37. Depth Bridge Plug Set: MD — TVD —	

38. Type Electric & Other Mechanical Logs Run

(Submit copy of each)

POROSITY, RESISTIVITY, CBL

39.

Was Well Cored? ☒ No ☐ Yes (Submit Analysis)Was DST run? ☒ No ☐ Yes (Submit Report)Directional Survey? ☐ No ☒ Yes (Submit Copy)

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

Hole Size	Casing Size	Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks.	Slurry Vol. (BBL)	Cement Top	Amount Pulled
17.5	13.375	J-55	54.5	0	275	—	275	—	0	—
12.25	9.625	J-55	40	0	3951	—	1400	—	0	—
8.75	7	P-110	26	5475	8806	5502	725	—	5475	—
7	4.5	110000	11.6	7986	13975	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—

41. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)
—	—	—
—	—	—
—	—	—

42. Producing Intervals

Formation	Top (MD)	Bottom (MD)
A) BONE SPRING	8940	13931
B) —	—	—
C) —	—	—
D) —	—	—

43. Perforation Record

Top	Bottom	Size	No. Holes	Perf. Status
13931	—	—	—	ACTIVE
13669	—	—	—	ACTIVE
13404	—	—	—	ACTIVE
8940	13140	—	—	ACTIVE

44. Acid, Fracture, Treatment, Cement Squeeze, etc.

Top	Bottom	Amount and Type of Material
13931	—	TOTAL LIQUID=2,749 BBLS(15% HCL ACID,WATER,DELTA);TOTAL PROPPANT=176,498LBS(20/40)
13669	—	TOTAL LIQUID=3,006 BBLS(15% HCL ACID,WATER,DELTA);TOTAL PROPPANT=178,060 LBS(20/40)
13404	—	TOTAL LIQUID=2,554 BBLS(15% HCL ACID,WATER,DELTA);TOTAL PROPPANT=171,672 LBS(20/40)
8940	13140	TOTAL LIQUID=40,590 BBLS(15% HCL ACID,WATER,DELTA);TOTAL PROPPANT=2,909,994 LBS(20/40)

45. Production Method and Well Status for Production Intervals

Production Method	Well Status
Electric Pump Sub-Surface	Producing Oil Well

46. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil (BBL)	Gas (MCF)	Water (BBL)	Oil Gravity Corr. API	Gas Gravity
—	—	—	—	—	—	—	—	—

07/24/2013	07/25/2013	24	>>>>>	276	638	1139	43	—
Choke Size	Tubing Pressure Flowing / Shut In	Casing Pressure	24 Hour Rate	Oil (BBL)	Gas (MCF)	Water (BBL)	Gas/Oil Ratio	
22/64	530	0	550	>>>>>	276	638	1139	2

47. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil (BBL)	Gas (MCF)	Water (BBL)	Oil Gravity Corr. API	Gas Gravity
—	—	—	>>>>>	—	—	—	—	—
Choke Size	Tubing Pressure Flowing / Shut In	Casing Pressure	24 Hour Rate	Oil (BBL)	Gas (MCF)	Water (BBL)	Gas/Oil Ratio	
—	—	—	>>>>>	—	—	—	—	

48. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil (BBL)	Gas (MCF)	Water (BBL)	Oil Gravity Corr. API	Gas Gravity
—	—	—	>>>>>	—	—	—	—	—
Choke Size	Tubing Pressure Flowing / Shut In	Casing Pressure	24 Hour Rate	Oil (BBL)	Gas (MCF)	Water (BBL)	Gas/Oil Ratio	
—	—	—	>>>>>	—	—	—	—	

49. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil (BBL)	Gas (MCF)	Water (BBL)	Oil Gravity Corr. API	Gas Gravity
—	—	—	>>>>>	—	—	—	—	—
Choke Size	Tubing Pressure Flowing / Shut In	Casing Pressure	24 Hour Rate	Oil (BBL)	Gas (MCF)	Water (BBL)	Gas/Oil Ratio	
—	—	—	>>>>>	—	—	—	—	

50. Disposition of Gas (*Sold, used for fuel, vented, etc.*)
Captured

51. Summary of Porous Zones (<i>Include Aquifers</i>): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.					52. Formation (Log) Markers	
Formation	Top	Bottom	Descriptions, Contents, etc.		Name	Top (MD)
—	—	—	—		DELAWARE	2703
—	—	—	—		BRUSHY CANYON	5006
—	—	—	—		BONE SPRING	6286
—	—	—	—		—	—
—	—	—	—		—	—
—	—	—	—		—	—
—	—	—	—		—	—
—	—	—	—		—	—

53. Additional remarks (include plugging procedure):

54. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other:

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

55. Name

JODY _ NOERDLINGER

56. Title

REGULATORY ANALYST

57. Date* (MM/DD/YYYY)

07/30/2013

**58. Signature***

You have the ability to sign this form only if a SmartCard or digital certificate has been issued to you.

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

Section 2 - System Receipt Confirmation**59. Transaction**

215217

60. Date Sent

07/30/2013

61. Processing Office

Carlsbad, NM

Section 3 - Internal Review #1 Status**62. Review Category****63. Date Completed****64. Reviewer Name**

65. Comments

Section 4 - Internal Review #2 Status

66. Review Category

67. Date Completed

68. Reviewer Name

69. Comments

Section 5 - Internal Review #3 Status

70. Review Category

71. Date Completed

72. Reviewer Name

73. Comments

Section 6 - Internal Review #4 Status

74. Review Category

75. Date Completed

76. Reviewer Name

77. Comments

Section 7 - Final Approval Status

78. Disposition

79. Date Completed

80. Reviewer Name

81. Reviewer Title

82. Comments

INSTRUCTIONS

GENERAL: This form is designed for submitting a complete and correct well completion/recompletion report and log on all types of wellson Federal and Indian leases to a Federal agency, pursuant to applicable Federal laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal office.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, and all types electric), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal laws and regulations. All attachments should be listed on this form, see item 33.

ITEMS 24, 22, and 23: Locations on Federal or Indian land should be described in accordance with Federal

requirements. Consult local Federal office for specific instructions.

ITEM 34: Indicate which reported elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

ITEM 40: Show how reported top(s) of cement were determined, i.e. circulated (CIR), or calculated (CAL), or cement bond log (CBL), or temperature survey (TS).

PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is to be used to evaluate the actual operations performed in the drilling, completing and testing of a well on a Federal or Indian lease.

ROUTINE USES: (1) Evaluate the equipment and procedures used during the drilling and completing/recompleting of a well. (2) The review of geologic zones and formation encountered during drilling. (3) Analyze future applications to drill in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this report and disclosure of the information is mandatory once a well drilled on a Federal or Indian lease is completed/recompleted.

The Paperwork Reduction Act of 1995 requires us to inform you that:

This information is being collected to allow evaluation of the technical, safety, and environmental factors involved with drilling and completing/recompleting wells on Federal and Indian oil and gas leases.

This information will be used to analyze operations and to compare equipment and procedures actually used with those proposed and approved.

Response to this request is mandatory only if the operator elects to initiate drilling completing/recompleting and operations on an oil and gas lease.

BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 60 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer, (WO-630), MS 401 LS, 1849 C Street, N.W., Washington, D.C. 20240.