

KINGSLEY ENERGY SERVICES

MWD SURVEY CERTIFICATION STATEMENT

I Janett K. Lott (signature) Jarrett K. Lott (print),

certify that: I am employed by Kingsley Energy Services; that I did on the days of

February 25, 2013 through March 29, 2013

conduct or supervise the taking of MWD surveys from a depth of ;

595 feet to a depth of 17,602 feet,

that the data is true, complete, and within the limitations of the tool set forth by Kingsley Energy Services; that I am authorized and qualified to make this report, that the surveys were conducted at the request of Enduring Resources, LLC.,

for the University 09-0906H, API no. 42-383-38096, in Reagan County, Texas, and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by Kingsley Energy Services.

Signature Janett K. Lott

Title Owner / Operator

KINGSLEY ENERGY SERVICES

OPERATOR:	ENDURING RESOURCES, LLC	START:	FEB 25 2013
WELL:	University 09-0906H	FINISH:	MAR 29 2013
LOCATION:	Reagan County, Texas	DIR. DRILLE	Pennell, Overstreet
Rig:	Ensign 150	CO. REP.	Tibbs, Dabney
TIE-IN SURVEY PROVIDED BY:	VES	DECLINATION (+E / -W	6.4
Commen Directional by Marksmen Directional		Grid Conv.	
API; 42-383-38096			

MINIMUM CURVATURE CALCULATIONS(SPE-3362) PROPOSED DIR.: 181.16

*****Survey Input*****

Survey No.	Measured Depth	INC	TRUE AZM	TVD	North + - South	East + - West	Vertical Section	DLS/ 100
Tie in	0	0	0	0	0	0	0	0
GYRO	100	0.87	25.03	99.99616	0.687904	0.321214	-0.69427	0.870001
GYRO	200	1.05	35.27	199.9822	2.123858	1.171491	-2.14714	0.247989
GYRO	300	1.17	22.6	299.9635	3.81447	2.092906	-3.85606	0.272437
GYRO	400	1.23	14.08	399.9417	5.79807	2.746359	-5.85248	0.188039
GYRO	428	1.27	10.39	427.935	6.39477	2.87543	-6.45167	0.320951
1	595	1.1	298.2	594.9074	8.972728	1.796424	-9.00726	0.840063
2	686	1.8	266.2	685.8791	9.290785	-0.39949	-9.28079	1.148138
3	776	2.8	249.9	775.8064	8.441631	-3.87434	-8.36147	1.317012
4	866	2.8	252.7	865.699	7.032483	-8.03749	-6.86833	0.151963
5	956	2.7	247.8	955.5955	5.577836	-12.0989	-5.33176	0.283752
6	1046	3.3	228.2	1045.474	3.05023	-15.9928	-2.72584	1.310749
7	1136	3.8	212	1135.303	-1.20563	-19.5044	1.600241	1.239571
8	1226	3.7	204.7	1225.111	-6.37309	-22.2982	6.823195	0.541608
9	1316	4	202	1314.908	-11.9218	-24.6876	12.41918	0.389382
10	1406	4.1	200.8	1404.683	-17.84	-27.006	18.38307	0.145644
11	1497	3.4	204.3	1495.488	-23.3406	-29.2717	23.92836	0.808965
12	1586	3.6	206	1584.322	-28.2573	-31.5827	28.89085	0.25315
13	1676	3.6	218	1674.146	-33.0235	-34.561	33.71643	0.835684
14	1766	3.3	233.2	1763.984	-36.8019	-38.3748	37.57123	1.06587
15	1856	3.4	249.6	1853.833	-39.2839	-42.9506	40.14538	1.066885
16	1946	3.4	274.7	1943.679	-39.9955	-48.1121	40.96135	1.640841
17	2036	3.4	277.9	2033.521	-39.4101	-53.4153	40.48335	0.21084
18	2126	3.5	276.5	2123.358	-38.7323	-58.7883	39.91446	0.14528
19	2216	3.5	278.5	2213.19	-38.0152	-64.2349	39.30782	0.135657
20	2306	3.7	274.5	2303.012	-37.3813	-69.8469	38.78766	0.356611
21	2396	3.4	276	2392.84	-36.8745	-75.3961	38.39329	0.348916
22	2486	3.2	275.5	2482.69	-36.3548	-80.5506	37.97803	0.22451
23	2577	3.3	278.2	2573.544	-35.7378	-85.6712	37.46481	0.200894
24	2667	3.2	273.9	2663.399	-35.1975	-90.7413	37.02725	0.292682
25	2757	3.3	273.4	2753.255	-34.873	-95.8332	36.80592	0.115488
26	2848	3.1	276.5	2844.113	-34.4391	-100.893	36.47455	0.290553
27	2939	2.9	277.5	2934.988	-33.8601	-105.62	35.99135	0.227173

28	3029	2.5	274.7	3024.888	-33.4021	-109.833	35.61874	0.467854
29	3119	2.7	272.8	3114.795	-33.1377	-113.907	35.43687	0.24195
30	3210	2.9	268.2	3205.687	-33.1053	-118.348	35.4944	0.330408
31	3300	2.8	266.6	3295.575	-33.3072	-122.818	35.78674	0.141973
32	3391	2.6	267.3	3386.474	-33.5362	-127.099	36.10239	0.222744
33	3481	2.6	266.9	3476.382	-33.7428	-131.176	36.39145	0.020162
34	3572	2.8	267.6	3567.281	-33.9475	-135.458	36.68278	0.222744
35	3662	2.9	270.1	3657.169	-34.0356	-139.931	36.8614	0.177236
36	3753	2.9	266.2	3748.053	-34.1841	-144.53	37.10301	0.216786
37	3843	3.2	266.1	3837.925	-34.5058	-149.308	37.52141	0.333386
38	3933	2.9	272.5	3927.798	-34.5774	-154.088	37.68972	0.503763
39	4024	2.9	274	4018.681	-34.3164	-158.684	37.52183	0.083393
40	4114	2.6	272.8	4108.578	-34.0579	-162.994	37.35061	0.339399
41	4205	2.5	273	4199.488	-33.8532	-167.038	37.22781	0.110325
42	4295	2.9	269.4	4289.388	-33.7743	-171.275	37.23471	0.482524
43	4385	2.6	272.9	4379.284	-33.6948	-175.59	37.24265	0.381851
44	4475	2.4	273.7	4469.198	-33.47	-179.509	37.09715	0.225575
45	4565	2.2	275.1	4559.126	-33.1948	-183.11	36.89495	0.230809
46	4654	2.9	273.7	4648.037	-32.8976	-187.059	36.67779	0.789567
47	4745	2.6	277.6	4738.932	-32.4761	-191.402	36.34427	0.388357
48	4835	2.7	274.3	4828.836	-32.0472	-195.539	35.99919	0.202651
49	5016	2.1	285.4	5009.677	-30.8469	-202.987	34.94992	0.417857
50	5197	2.2	294.5	5190.55	-28.5255	-209.346	32.75777	0.196302
51	5378	2.1	297.6	5371.423	-25.5484	-215.446	29.90478	0.084722
52	5559	1.8	280.5	5552.32	-23.494	-221.18	27.96682	0.359787
53	5649	1.6	280.7	5642.28	-23.0031	-223.804	27.52918	0.22232
54	5761	1.4	323.2	5754.245	-21.6172	-226.161	26.19124	0.984885
55	5851	2.4	293.3	5844.196	-19.9914	-228.55	24.61414	1.52921
56	5942	2.1	294	5935.126	-18.5596	-231.823	23.2489	0.331045
57	6032	3.1	284.1	6025.033	-17.296	-235.69	22.06385	1.213988
58	6123	2.4	281.5	6115.927	-16.3167	-239.943	21.17085	0.781153
59	6213	1.9	285.8	6205.864	-15.5347	-243.226	20.45553	0.583371
60	6304	3.2	272.6	6296.772	-15.0088	-247.215	20.0104	1.558382
61	6394	2.4	259.5	6386.665	-15.2382	-251.577	20.32812	1.132801
62	6484	1.8	249.1	6476.605	-16.0859	-254.75	21.23985	0.787151
63	6575	3.1	261.8	6567.52	-16.9467	-258.521	22.17685	1.539593
64	6665	2.7	248.8	6657.406	-18.0604	-262.906	23.37908	0.85251
65	6756	2.2	241.4	6748.322	-19.6716	-266.438	25.06145	0.649085
66	6846	2.9	249.3	6838.233	-21.3033	-270.084	26.76663	0.868532
67	6936	2.7	250.9	6928.126	-22.8017	-274.217	28.34837	0.238568
68	7026	2.1	244.9	7018.046	-24.1948	-277.714	29.81201	0.721869
69	7117	1.9	240.5	7108.991	-25.6449	-280.537	31.31898	0.276936
70	7207	1.3	237.3	7198.955	-26.9312	-282.694	32.64864	0.67376
71	7297	1	222.9	7288.937	-28.058	-284.088	33.80349	0.460372
72	7343	4.3	189.8	7334.883	-30.0521	-284.655	35.80857	7.619577
73	7388	8.9	185.6	7379.573	-35.1816	-285.282	40.94977	10.27156
74	7433	14.3	184.5	7423.638	-44.193	-286.058	49.97504	12.00953

75	7478	18.4	184.3	7466.809	-56.8209	-287.027	62.61992	9.111958
76	7523	21.8	184.4	7509.062	-72.2386	-288.201	78.05831	7.55594
77	7568	26.2	184.3	7550.162	-90.4847	-289.588	96.32868	9.778193
78	7614	31	184.8	7590.537	-112.428	-291.341	118.3029	10.44766
79	7659	34.9	184.3	7628.291	-136.822	-293.277	142.7313	8.687647
80	7704	38.9	182.8	7664.271	-163.783	-294.933	169.7202	9.110848
81	7749	42.8	181.8	7698.303	-193.187	-296.104	199.1417	8.787475
82	7794	44.1	181.6	7730.972	-224.12	-297.022	230.0871	2.905012
83	7839	47.6	180.8	7762.311	-256.396	-297.691	262.3699	7.881562
84	7885	51.3	181.3	7792.211	-291.336	-298.336	297.3162	8.085724
85	7930	54.9	182.8	7819.227	-327.291	-299.634	333.2898	8.432027
86	7975	58.2	183.2	7844.028	-364.781	-301.601	370.8116	7.370719
87	8020	63	184.1	7866.112	-403.893	-304.103	409.9668	10.80788
88	8065	67.5	183.5	7884.947	-444.659	-306.807	450.7793	10.07298
89	8110	71.5	184	7900.704	-486.71	-309.566	492.8777	8.949575
90	8155	75.6	183.9	7913.444	-529.757	-312.538	535.9754	9.113603
91	8201	77.6	182.4	7924.104	-574.433	-314.994	580.6925	5.381875
92	8246	82.1	181.6	7932.033	-618.69	-316.537	624.9717	10.15188
93	8291	86.5	181	7936.501	-663.445	-317.552	669.7379	9.867336
94	8336	86.8	181.5	7939.131	-708.357	-318.532	714.6607	1.294138
95	8381	86.7	181.6	7941.682	-753.269	-319.747	759.5873	0.314017
96	8427	89.2	182.4	7943.327	-799.207	-321.352	805.5489	5.705883
97	8472	89.7	182.4	7943.759	-844.165	-323.236	850.5361	1.111112
98	8562	90	183	7943.995	-934.065	-327.475	940.5028	0.745353
99	8653	90.2	183.9	7943.836	-1024.9	-332.951	1031.429	1.013135
100	8743	88.7	181.7	7944.7	-1114.78	-337.348	1121.38	2.958412
101	8833	87.9	181.9	7947.37	-1204.69	-340.173	1211.334	0.916222
102	8923	87.3	182.5	7951.139	-1294.55	-343.625	1301.239	0.942394
103	9013	88.2	180.5	7954.672	-1384.44	-345.978	1391.163	2.435275
104	9104	87.7	180.2	7957.928	-1475.38	-346.534	1482.095	0.640656
105	9194	88.9	180.2	7960.597	-1565.34	-346.848	1572.041	1.333334
106	9284	91	179.7	7960.676	-1655.33	-346.77	1662.016	2.398553
107	9375	89.1	178.8	7960.597	-1746.32	-345.578	1752.96	2.310289
108	9465	88.6	178.5	7962.403	-1836.28	-343.458	1842.855	0.647849
109	9556	90.7	180.3	7962.959	-1927.26	-342.506	1933.802	3.039314
110	9646	92.5	179.8	7960.446	-2017.22	-342.585	2023.746	2.075664
111	9737	92	179.5	7956.873	-2108.15	-342.029	2114.644	0.640634
112	9827	92	179.5	7953.732	-2198.09	-341.244	2204.551	6.37E-07
113	9917	91.5	179.3	7950.984	-2288.05	-340.302	2294.466	0.598314
114	10008	91.4	180	7948.681	-2379.01	-339.746	2385.405	0.776796
115	10098	89.8	178.1	7947.739	-2468.99	-338.254	2475.332	2.759803
116	10189	88.7	179.7	7948.93	-2559.96	-336.507	2566.249	2.133534
117	10279	88.6	180.5	7951.05	-2649.94	-336.664	2656.208	0.895561
118	10370	87.8	180.2	7953.909	-2740.89	-337.22	2747.153	0.938844
119	10460	89	182.9	7956.422	-2830.81	-339.654	2837.106	3.281833
120	10550	88	182.8	7958.778	-2920.67	-344.127	2927.035	1.11665
121	10641	90.9	182.7	7959.651	-3011.55	-348.492	3017.986	3.188707

122	10731	90.5	183.2	7958.552	-3101.42	-353.124	3107.935	0.711425
123	10821	89.7	181.7	7958.395	-3191.34	-356.971	3197.909	1.888876
124	10911	91	185.5	7957.845	-3281.14	-362.621	3287.807	4.462303
125	11002	89.7	184.7	7957.289	-3371.77	-370.71	3378.588	1.677382
126	11092	90.5	187.8	7957.132	-3461.23	-380.506	3468.221	3.557259
127	11183	90.5	187.8	7956.338	-3551.38	-392.856	3558.607	6.3E-07
128	11273	89.9	182.4	7956.023	-3640.99	-400.853	3648.36	6.036861
129	11363	89.5	181.7	7956.494	-3730.93	-404.073	3738.347	0.895797
130	11453	90.2	183.9	7956.73	-3820.82	-408.469	3828.304	2.565177
131	11544	90.5	182	7956.174	-3911.69	-413.152	3919.254	2.113739
132	11634	90.6	183.7	7955.31	-4001.57	-417.626	4009.207	1.892067
133	11732	90	180.3	7954.797	-4099.5	-421.046	4107.18	3.522934
134	11822	89.8	178.5	7954.954	-4189.49	-420.104	4197.134	2.012305
135	11912	90.2	177.1	7954.954	-4279.42	-416.649	4286.977	1.6178
136	12002	89.6	175.1	7955.111	-4369.21	-410.528	4376.621	2.320056
137	12092	90.1	173.3	7955.347	-4458.74	-401.433	4465.954	2.075715
138	12181	89.7	172.1	7955.502	-4547.02	-390.125	4553.983	1.421245
139	12271	89.6	173	7956.052	-4636.25	-378.455	4642.966	1.006135
140	12361	89.5	176.4	7956.759	-4725.85	-370.144	4732.379	3.779294
141	12451	90.1	181.3	7957.073	-4815.81	-368.338	4822.277	5.485051
142	12541	89.8	179.7	7957.152	-4905.8	-369.123	4912.268	1.808756
143	12631	89.8	181.4	7957.466	-4995.79	-369.987	5002.26	1.888877
144	12721	90.1	181	7957.545	-5085.77	-371.872	5092.259	0.555556
145	12812	89.8	178.8	7957.624	-5176.77	-371.713	5183.231	2.439954
146	12902	89.9	182	7957.86	-5266.75	-372.341	5273.212	3.557279
147	12993	90.2	180.8	7957.78	-5357.72	-374.565	5364.209	1.359265
148	13083	89.8	179.5	7957.78	-5447.72	-374.8	5454.193	1.511273
149	13173	89.7	181.3	7958.173	-5537.71	-375.429	5544.18	2.003065
150	13264	90.2	184.3	7958.252	-5628.6	-379.873	5635.132	3.342166
151	13354	90	181.7	7958.095	-5718.46	-384.583	5725.078	2.897419
152	13445	90.4	179.5	7957.778	-5809.45	-385.536	5816.067	2.457199
153	13535	90	180.8	7957.463	-5899.45	-385.772	5906.051	1.511263
154	13626	90.2	184.6	7957.305	-5990.33	-390.058	5997.001	4.181595
155	13716	89.7	183.8	7957.383	-6080.09	-396.649	6086.873	1.048219
156	13807	90.5	185.1	7957.224	-6170.81	-403.709	6177.72	1.677388
157	13897	89.9	183.5	7956.91	-6260.56	-410.457	6267.581	1.898651
158	13988	89.9	182.7	7957.069	-6351.42	-415.378	6358.528	0.879121
159	14078	90.2	181.5	7956.99	-6441.36	-418.676	6448.515	1.374368
160	14169	89.6	180.5	7957.149	-6532.34	-420.264	6539.512	1.281523
161	14259	90.2	179.9	7957.306	-6622.34	-420.578	6629.499	0.942807
162	14349	88.7	182.4	7958.17	-6712.31	-422.384	6719.485	3.23924
163	14440	89.1	183	7959.917	-6803.19	-426.67	6810.435	0.792327
164	14530	89.4	184	7961.095	-6893.01	-432.164	6900.351	1.159942
165	14620	88.7	184.2	7962.588	-6982.77	-438.598	6990.219	0.808893
166	14710	88.9	182.2	7964.473	-7072.61	-443.62	7080.138	2.232821
167	14801	87.6	182.1	7967.251	-7163.5	-447.033	7171.08	1.432788
168	14890	89	181	7969.892	-7252.42	-449.438	7260.035	2.000151

169	14980	90.5	179.8	7970.284	-7342.42	-450.067	7350.022	2.134344
170	15070	91.3	179.9	7968.871	-7432.4	-449.831	7439.987	0.895805
171	15160	91.2	180.1	7966.908	-7522.38	-449.831	7529.947	0.248405
172	15251	91.5	181.5	7964.763	-7613.35	-451.101	7620.918	1.572968
173	15341	89.5	179.4	7963.978	-7703.33	-451.808	7710.898	3.222073
174	15432	89.4	180	7964.852	-7794.32	-451.331	7801.863	0.668405
175	15522	90.8	179.5	7964.694	-7884.32	-450.939	7891.833	1.651781
176	15613	90.1	180.2	7963.98	-7975.32	-450.7	7982.806	1.087837
177	15703	89.7	181	7964.137	-8065.31	-451.643	8072.8	0.993805
178	15794	92.3	182.5	7962.549	-8156.24	-454.421	8163.771	3.298338
179	15884	92.2	182.3	7959.015	-8246.1	-458.186	8253.681	0.2483
180	15975	92.2	182.8	7955.522	-8336.94	-462.232	8344.587	0.549046
181	16065	91.9	183	7952.303	-8426.76	-466.783	8434.487	0.400538
182	16156	91.5	183.1	7949.603	-8517.6	-471.622	8525.398	0.453077
183	16246	90.9	183.7	7947.718	-8607.42	-476.959	8615.308	0.942704
184	16337	89.9	183.5	7947.083	-8698.23	-482.673	8706.223	1.120663
185	16427	89.6	183.8	7947.476	-8788.05	-488.402	8796.136	0.471402
186	16517	88.9	183.9	7948.654	-8877.84	-494.444	8886.029	0.785673
187	16608	89.5	182.4	7949.924	-8968.69	-499.444	8976.962	1.775174
188	16789	89.7	184.2	7951.188	-9149.38	-509.863	9157.824	1.00057
189	16879	90.8	182.4	7950.795	-9239.22	-515.043	9247.755	2.34385
190	16969	89.9	182.7	7950.245	-9329.13	-519.047	9337.726	1.05409
191	17060	90.3	184.7	7950.087	-9419.94	-524.919	9428.632	2.24132
192	17150	90.4	183.2	7949.537	-9509.72	-531.119	9518.521	1.670336
193	17241	90.1	181.7	7949.14	-9600.63	-535.009	9609.494	1.680979
194	17331	90.5	180.1	7948.668	-9690.62	-536.422	9699.489	1.832465
195	17422	90.2	178	7948.113	-9781.6	-534.914	9790.42	2.331077
196	17512	90.5	176.8	7947.563	-9871.5	-530.831	9880.223	1.374344
197	17602	90.2	176.1	7947.013	-9961.32	-525.258	9969.917	0.846184
BIT	17735	90.2	176.1	7946.549	-10094	-516.212	10102.4	4.31E-07

