

Results of Directional Survey

API number:	30-005-29115		
OGRID:		Operator:	MACK ENERGY CORP
		Property:	PEERY FEDERAL # 11

surface	ULSTR:	J	29	T 15S	R 30E
			2629 FSL	1710 FEL	

BH Loc	ULSTR:	L	29	T 15S	R 30E
			2287 FSL	4952 FEL	

Top Perf/OH	ULSTR:	J	29	T 15S	R 30E
		8737	2255 FSL	2089 FEL	

Bot Perf/OH	ULSTR:	L	29	T 15S	R 30E
		11501	2286 FSL	4847 FEL	

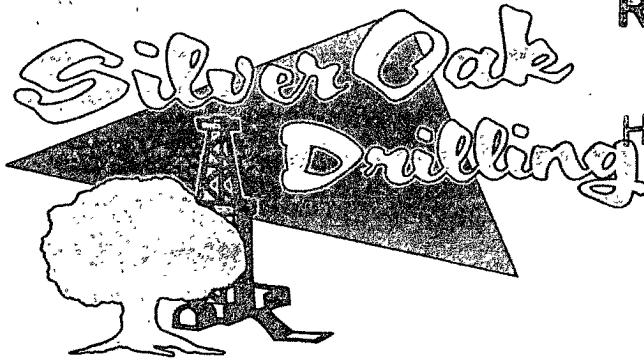
	MD	N/S	E/W	VD
	8726	-372.89	-368.82	8554.07
TOP PERFS/OH	8737	-373.76	-379.09	8557.90
	8758	-375.42	-398.71	8565.20
	11496	-343.18	-3132.37	8597.00
BOT PERFS/OH	11501	-343.08	-3137.37	8596.98
	11528	-342.52	-3164.36	8596.86

NEXT TO LAST	11528	-342.52	-3164.36	8596.86
LAST READING	11550	-342.33	-3186.36	8597.11
TD	11606	-341.85	-3242.36	8597.75

Surface Location	2629	FS	1710	FE
Projected BHL	2287	FS	4952	FE
Location of				
Top Perfs/OH	2255	FS	2089	FE
Bottom Perfs/OH	2286	FS	4847	FE

SUMMARY of Subsurface Locations

Surface Location	J-29-15S-30E	2629	FS	1710	FE	Vert. Depth
Top Perfs/OH	J-29-15S-30E	2255	FS	2089	FE	8557.90
Bottom Perfs/OH	L-29-15S-30E	2286	FS	4847	FE	8596.98
Projected TD	L-29-15S-30E	2287	FS	4952	FE	8597.75



RECEIVED

MAR 29 2010

HOBBSOCD Artesia, NM 88211-1370
(505) 748-1288

PO Box 1370

SUR: J-29-15s-30e, 2629/S & 1710/E
BHL: L-29-15s-30e, 2287/S & 4952/E
API # 30-005-29115

February 23, 2010

Mack Energy Corporation
PO Box 960
Artesia, NM 88211-0960

RE: Peery Federal #11
~~2445' FSL & 330' FEL~~
Sec. 29, T15S, R30E
Chaves County, New Mexico

Dear Sir,

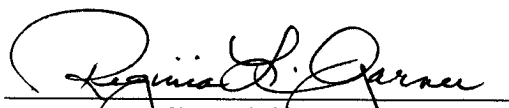
The attached is the Deviation Survey for the above captioned well.

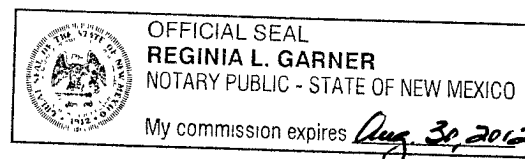
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 23rd day of February, 2010.


Regina L. Garner
Notary Public



RECEIVED

MAR 29 2010

HOBBSD

Pason DataHub Deviation Survey 2010/03/03 09:54:15
Well Dossier 1262360319 - Perry Federal #11
#

Depth	Deviation	Direction	TVD
111	0.70	168.30	0.00
235	0.50	154.20	0.00
360	0.40	117.30	0.00
390	0.20	61.40	0.00
420	0.20	136.70	0.00
620	0.40	304.80	0.00
744	0.20	321.90	0.00
868	0.40	34.30	0.00
993	1.10	66.30	0.00
1117	2.10	71.30	0.00
1366	2.80	81.81	0.00
1489	1.40	106.80	0.00
1645	1.90	85.30	0.00
1768	1.90	332.10	0.00
1893	1.60	82.20	0.00
2019	1.80	73.40	0.00
2152	1.90	77.60	0.00
2276	1.60	84.60	0.00
2401	1.40	78.60	0.00
2525	1.40	86.70	0.00
2648	1.20	92.40	0.00
2772	0.09	90.60	0.00
2898	0.90	93.10	0.00
3144	0.70	103.30	0.00
3272	0.50	94.80	0.00
3397	0.50	81.10	0.00
3517	0.40	57.20	0.00
3642	0.70	44.20	0.00
3770	1.10	60.00	0.00
3896	1.40	63.90	0.00
4050	1.90	77.60	0.00
4142	3.00	80.10	0.00
4235	2.73	83.15	4233.00
4266	1.67	89.33	4264.69
4297	1.14	103.69	4295.68
4329	1.40	157.55	4327.68
4360	1.32	171.55	4358.67
4453	2.02	199.07	4451.63
4484	2.11	206.91	4482.61
4515	2.11	203.65	4513.59
4733	2.11	216.39	4793.00
4826	2.11	215.51	4224.39
4982	3.52	222.90	5043.07
5013	3.52	228.93	5010.00
5107	4.48	222.80	5104.90
5200	5.98	220.81	5197.00
5283	6.60	220.46	5280.01
5345	7.30	219.85	5341.55
5408	7.74	219.06	5404.01
5470	8.44	217.30	5465.39

Pason DataHub Deviation Survey 2010/03/03 09:54:15
 # Well Dossier 1262360319 - Perry Federal #11
 #

Depth	Deviation	Direction	TVD
5532	8.53	216.07	5526.71
5594	9.58	213.61	5887.94
5687	10.20	209.30	5740.69
5749	9.94	207.19	5740.66
5812	9.85	204.21	5802.72
5874	10.38	198.49	5863.76
5936	10.90	195.33	5924.70
5998	11.70	192.91	5985.99
6061	11.96	190.18	6047.16
6123	12.31	186.07	6107.77
6216	12.84	178.47	6198.55
6309	12.22	177.91	6289.33
6403	11.78	177.37	6381.28
6496	10.82	178.70	6533.37
6598	10.46	178.33	6563.87
6673	9.76	177.48	6646.57
6776	9.06	176.96	6748.05
6877	8.62	176.15	6847.85
6964	8.27	176.23	6933.99
7057	7.30	172.63	7026.12
7119	6.68	168.43	7087.66
7150	6.42	167.48	7118.45
7306	3.25	179.56	7273.85
7337	2.99	180.66	7304.81
7369	2.29	185.82	7336.77
7400	1.76	187.04	7367.76
7462	0.88	169.46	7429.74
7493	0.88	179.73	7460.73
7524	0.70	174.21	7491.93
7587	0.97	167.98	7554.72
7574	1.10	175.30	0.00
7669	1.10	177.10	0.00
7763	1.10	189.00	0.00
7852	1.10	197.50	0.00
7946	1.20	207.00	0.00
8087	1.40	7.60	0.00
8180	1.80	236.10	0.00
8278	1.90	247.40	0.00
8351	2.10	250.20	0.00
8492	2.10	249.90	0.00
8589	2.10	248.80	0.00
8683	1.80	232.60	0.00
8726	1.80	236.10	0.00
8042	2.37	239.45	8009.63
8073	5.89	257.56	8040.54
8104	10.38	262.46	8071.22
8123	13.37	265.03	8089.81
8154	16.80	265.48	8119.74
8185	18.91	266.68	8149.24
8216	20.22	268.26	8178.45

Pason DataHub Deviation Survey 2010/03/03 09:54:15
 # Well Dossier 1262360319 - Perry Federal #11
 #

Depth	Deviation	Direction	TVD
8247	22.60	268.77	8207.31
8279	25.85	269.25	8236.49
8310	28.75	269.81	8264.03
8341	30.42	270.17	8290.99
8410	35.53	270.92	8349.04
8441	38.95	269.23	8373.71
8459	40.54	269.37	8387.55
8567	45.73	266.91	8466.34
8599	49.68	265.69	8487.87
8631	53.73	264.33	8507.70
8663	58.39	263.88	8525.56
8694	63.14	264.09	8540.69
8726	67.44	264.50	8554.07
8758	71.84	265.81	8565.20
8790	76.41	267.05	8573.95
8822	81.07	267.71	8580.20
8854	85.65	268.01	8583.90
8885	88.90	266.15	8585.37
8917	89.78	266.02	8585.74
8949	90.31	266.32	8585.71
8981	90.75	266.84	8585.42
9013	91.19	268.04	8584.88
9045	91.71	269.34	8584.07
9076	92.77	270.78	8578.85
9108	93.65	271.59	8581.06
9140	94.09	271.78	8578.90
9172	94.18	271.62	8578.60
9203	92.86	271.23	8574.69
9235	91.98	270.91	8573.34
9267	91.98	270.32	8572.24
9299	92.15	270.14	8571.08
9331	91.28	270.90	8570.12
9362	91.45	271.09	8569.39
9394	89.96	272.44	8568.99
9442	89.61	272.87	8569.01
9458	89.50	273.03	8569.13
9522	89.94	273.35	8569.41
9553	89.94	272.78	8569.44
9585	90.17	272.84	9569.41
9617	60.56	272.83	8569.20
9649	91.01	273.02	8568.77
9681	89.83	273.40	8568.53
9713	89.10	273.37	8568.83
9777	89.83	273.04	8568.41
9808	89.22	271.47	8567.67
9840	89.10	270.79	8570.13
9872	89.11	270.70	8570.63
9904	89.27	270.66	8571.09
9936	90.34	271.04	8571.20
9968	90.67	271.17	8570.91

Pason DataHub Deviation Survey 2010/03/03 09:54:15
 # Well Dossier 1262360319 - Perry Federal #11
 #

Depth	Deviation	Direction	TVD
10000	90.89	271.11	8570.48
10032	91.34	271.20	8569.86
10063	90.34	269.84	8569.40
10095	89.72	269.67	8569.38
10127	90.11	269.30	8569.43
10159	90.50	269.31	8569.26
10191	91.23	269.94	8568.78
10222	90.22	270.47	8568.39
10254	89.61	271.22	8568.43
10286	88.60	270.83	8568.93
10318	88.27	270.81	8569.81
10350	88.65	270.81	8570.61
10382	89.05	270.69	8571.31
10414	89.50	270.93	8571.72
10446	88.71	270.43	8572.21
10478	88.66	270.48	8572.95
10510	87.43	270.14	8574.04
10541	86.65	269.74	8575.64
10573	86.70	269.43	8577.50
10605	86.81	269.58	8579.31
10637	88.10	269.91	8580.73
10669	89.33	270.62	8581.45
10701	89.27	269.65	8581.84
10733	89.55	269.87	8582.17
10764	90.06	270.18	8582.27
10796	89.39	270.34	8582.43
10828	89.10	271.03	8582.85
10860	89.50	271.16	8583.24
10892	89.11	270.81	8583.63
10923	89.27	270.38	8584.07
10955	87.87	270.36	8584.86
10987	87.20	270.40	8586.24
11019	87.54	270.94	8587.71
11050	88.04	271.11	8588.90
11082	88.55	271.33	8589.86
11114	87.71	270.65	8590.90
11146	87.37	270.48	8592.27
11178	87.81	270.86	8593.62
11209	88.32	271.18	8594.67
11241	88.71	271.52	8595.50
11273	89.16	271.50	8596.09
11305	89.33	271.46	8596.51
11337	89.44	271.61	8596.86
11368	88.88	271.07	8597.31
11400	88.71	270.31	8597.98
11432	90.00	271.38	8594.52
11464	91.96	272.66	8596.80
11496	90.89	271.69	8597.00
11528	89.61	270.68	8596.86
11550	89.10	27.33	8597.99