November 19, 1999

Phoenix Kansas Energy, LLC
536 N. Highland
Chanute, KS 66720

Gentlemen:

Attached hereto are the results of testing the rotary core taken from the Alexander "B" lease. Well No. PO-6, located 3300'FSL & 2970'FEL, Section 35, T23S, R16E, Woodson County, Kansas.

The core was sampled by a representative of the client and submitted to our laboratory on September 29, 1999

Your business is greatly appreciated.

OILFIELD RESEARCH LABORATORIES

Alan M. Dunning

AMD: td

1 c: John Bumgardner
1 c: Paul Beck

LOG

Company Phoenix Kansas Energy, LLC Lease Alexander "B" Well No. PO-6

Upper Squirrel

Depth Interval, Feet	Description
950.0 – 955.2	Sandstone, light, grayish brown, shaly, with scattered layers of light gray silty shale, and containing a vertical fracture.
955.2 – 955.5	Shale, light gray, with scattered brown sandstone partings, and containing a vertical fracture.
955.5 – 958.0	Sandstone and shale, brown and gray, laminated, and containing a vertical fracture.
958.0 – 958.8	Sandstone, light, grayish brown, shaly, with scattered shale partings.
958.8 – 959.1	Shale, gray, with scattered brown sandstone partings.
959.1 – 959.6	Sandstone, light grayish brown, very shaly.
959.6 – 962.0	Shale, gray, with scattered brown sandstone layers.
962.0 – 965.0	Shale, gray.

Lower Squirrel

985.0 – 985.9	Shale, dark gray.
985.9 – 986.8	Limestone, gray, shaly, and fossiliferous.
986.8 – 987.1	Sandstone, grayish brown, shaly, with scattered shale and mica partings.
987.1 – 987.3	Shale, gray, with scattered brown sandstone inclusions.
987.3 – 991.9	Sandstone, dark brown, with widely scattered shale and mica partings.
991.9 – 992.3	Shale, gray, with scattered brown sandstone partings.

Company Phoenix Kansas Energy, LLC Lease Alexander "B" Well No. PO – 6

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Depth Interval Feet	Description
992.3 – 994.6	Sandstone, grayish brown, shaly, with scattered shale and mica partings and inclusions.
994.6 – 995.0	Shale, gray, with scattered brown sandstone partings.
995.0 – 995.6	Sandstone, grayish brown, very shaly, with scattered shale and mica partings.
995.6 – 1000.0	Shale, gray.

OILFIELD RESEARCH LABORATORIES

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company **PHOENIX KANSAS ENERGY,LLC** Lease **ALEXANDER "B"** Well No. **PO-6**

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls/AF	Perm., md.	Feet of Sand		Total Oil Content	Perm. Capacity Ft X md
			Oil	Water	Total			Ft.	Cum. Ft.		
						Upper Squirrel					
1	950.5	15.3	32	38	70	380	0.49	1.0	1.0	380	0.49
2	951.5	17.2	33	40	73	440	4.1	1.0	2.0	440	4.10
3	952.5	17.8	27	33	60	373	9.5	1.0	3.0	373	9.50
4	953.5	15.3	33	47	80	392	1.3	1.0	4.0	392	1.30
5	954.5	15.1	39	49	88	457	0.77	1.2	5.2	548	0.92
6	955.6	17.5	25	44	69	339	2.6	0.5	5.7	170	1.30
7	956.6	17.4	28	34	62	378	4.0	1.0	6.7	378	4.00
8	957.5	14.7	30	54	84	342	1.4	1.0	7.7	342	1.40
9	958.6	15.2	22	58	80	259	1.8	0.8	8.5	259	1.80
						Lower Squirrel					
10	987.5	21.8	36	20	56	609	261.	0.7	0.7	426	182.70
11	988.5	20.9	43	23	66	697	33.	1.0	1.7	697	33.00
12	989.5	20.5	45	28	73	716	35.	1.0	2.7	716	35.00
13	990.5	20.9	47	20	67	762	49.	1.0	3.7	762	49.00
14	991.4	22.5	52	20	72	908	95.	0.9	4.6	817	85.50
15	992.5	16.6	49	37	86	631	1.3	0.7	5.3	442	0.91
16	993.5	18.1	48	31	79	674	6.9	1.0	6.3	674	6.90
17	994.4	14.9	55	26	81	636	1.3	0.6	6.9	382	0.78
18	995.4	14.6	49	29	78	555	0.93	0.6	7.5	333	0.56

Oilfield Research Laboratories

Results of Laboratory Flooding Tests

Company PHOENIX KANSAS ENERGY Lease ALEXANDER "B" Well No. PO-6

Sample No.	Depth, Feet	Effective Porosity Percent	Original Oil Saturation		Oil Recovery		Residual Saturation			Effective Permeability Millidarcys*	Initial Fluid Production Pressuri P.S.I.
			%	Barrels Ac./Ft.	%	Barrels Per Acre Ft.	% Oil	% Water	Barrels Per Ac./Ft.		
					Upper Squirrel						
1	950.5	15.3	32	380	0	0	32	38	380	Imp.	-
2	951.5	17.0	33	435	0	0	33	41	435	Imp.	-
3	952.5	-	-	-	-	-	-	-	-	-	-
4	953.5	-	-	-	-	-	-	-	-	-	-
5	954.5	-	-	-	-	-	-	-	-	-	-
6	955.6	17.5	25	339	0	0	25	45	339	Imp.	-
7	956.6	17.2	28	374	0	0	28	34	374	Imp.	-
8	957.5	14.9	30	347	0	0	30	54	347	Imp.	-
9	958.6	15.5	22	265	0	0	22	58	265	Imp.	-
					Lower Squirrel						
10	987.5	21.4	36	598	2	33	34	61	565	13.32	10
11	988.5	20.9	43	697	2	32	41	55	665	1.13	35
12	989.5	20.2	45	705	3	47	42	56	658	2.40	25
13	990.5	20.6	47	751	2	32	45	52	719	2.80	25
14	991.4	22.2	52	896	8	138	44	53	758	2.59	20
15	992.5	16.8	49	639	0	0	49	49	639	Imp.	-
16	993.5	18.1	48	674	0	0	48	32	674	Imp.	-
17	994.4	14.9	55	636	0	0	55	26	636	Imp.	-
18	995.4	14.4	49	547	0	0	49	29	547	Imp.	-
NOTE:	Unobtainable (Samples 3,4,& 5)										

* Determined by passing water through sample which still contains residual oil