

Visual Kerogens and Rock Evaluation Pyrolysis Determinations

for the following 16 North Slope Wells:

USGS/Husky Oil NPR Operations Inc. J. W. Dalton Test Well No. 1;
USGS/Husky Oil NPR Operations Inc. West Dease Test Well No. 1;
USGS/Husky Oil NPR Operations Inc. Drew Point Test Well No. 1;
USGS/Husky Oil NPR Operations Inc. Ikpikpuk Test Well No. 1;
USGS/Husky Oil NPR Operations Inc. Inigok Test Well No. 1;
USGS/Husky Oil NPR Operations Inc. North Inigok Test Well No. 1;
USGS/Husky Oil NPR Operations Inc. North Kalikpik Test Well No. 1;
USGS/Husky Oil NPR Operations Inc. Kugrua Test Well No. 1;
USGS/Husky Oil NPR Operations Inc. Kuyanak Test Well No. 1;
USGS/Husky Oil NPR Operations Inc. South Meade Test Well No. 1;
USGS/Husky Oil NPR Operations Inc. Peard Test Well No. 1;
USGS/Husky Oil NPR Operations Inc. East Simpson Test Well No. 1;
USGS/Husky Oil NPR Operations Inc. East Simpson Test Well No. 2;
USGS/Husky Oil NPR Operations Inc. Tulageak Test Well No. 1;
USGS/Husky Oil NPR Operations Inc. Tunalik Test Well No. 1; and
USGS/Husky Oil NPR Operations Inc. Walakpa Test Well No. 1.

PROJECT NUMBER, SAMPLE COUNT, WELLNAME

PROJ NUM.	EPR NO.	DEPTH (FT.)	WELL NAME
25606	96657-A	2010	J. W. DALTON NO.1
25606	96657-B	2040	J. W. DALTON NO.1
25606	96657-C	2070	J. W. DALTON NO.1
25606	96657-D	2100	J. W. DALTON NO.1
25606	96657-E	2130	J. W. DALTON NO.1
25606	96657-F	2160	J. W. DALTON NO.1
25606	96657-G	2190	J. W. DALTON NO.1
25606	96657-H	2220	J. W. DALTON NO.1
25606	96657-I	2250	J. W. DALTON NO.1
25606	96657-J	2280	J. W. DALTON NO.1
25606	96657-K	2310	J. W. DALTON NO.1
25606	96657-L	2340	J. W. DALTON NO.1
25606	96657-M	2370	J. W. DALTON NO.1
25606	96657-N	2400	J. W. DALTON NO.1
25606	96657-O	2430	J. W. DALTON NO.1
25606	96657-P	2460	J. W. DALTON NO.1
25606	96657-Q	7490	J. W. DALTON NO.1
25606	96657-R	7500	J. W. DALTON NO.1
25606	96657-S	7510	J. W. DALTON NO.1
25606	96657-T	7520	J. W. DALTON NO.1
25606	96668-A	7540	J. W. DALTON NO.1
25606	96668-B	7550	J. W. DALTON NO.1
25606	96668-C	7560	J. W. DALTON NO.1
25606	96668-D	7570	J. W. DALTON NO.1
25606	96668-E	7580	J. W. DALTON NO.1
25606	96668-F	7590	J. W. DALTON NO.1

GRAND COUNT 26

EPR NO.	DEPTH (FT.)	WELL	GEOL	WBOX	LITH	PTS	D/E	SDE	FORM	C4C7	C15+	KER	ARO	SAT	C1C4	TOC	ISO	OIL	R-E	REFL	FLUO	CHRM
		109	200	216	224/6	228	230	312	314	512	514	516	518	520	530	532	534	536	538	540	542	544
96657-A	2010	1														1						
96657-B	2040	1														1						
96657-C	2070	1														1						
96657-D	2100	1														1						
96657-E	2130	1														1						
96657-F	2160	1														1						
96657-G	2190	1														1						
96657-H	2220	1														1						
96657-I	2250	1														1						
96657-J	2280	1														1						
96657-K	2310	1														1						
96657-L	2340	1														1						
96657-M	2370	1														1						
96657-N	2400	1														1						
96657-O	2430	1														1						
96657-P	2460	1														1						
96657-Q	7490	1														1				1		
96657-R	7500	1														1						
96657-S	7510	1														1						
96657-T	7520	1														1				1		
96668-A	7540	1														1						
96668-B	7550	1														1						
96668-C	7560	1														1				1		
96668-D	7570	1														1						
96668-E	7580	1														1						
96668-F	7590	1														1				1		

IRAND	COUNT	26	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0

TABLE 10 - ROCK EVAL PYROLYSIS

PAGE 1

. W. DALTON NO.1

EPR NO.	DEPTH (FT.)	GRP SORC	ANAL DATE YYMMDD	ANAL METH	S1 (MG/GRM)	S2 (MG/GRM)	S3 (MG/GRM)	HYDROGEN INDEX	OXYGEN INDEX	TRANSF. RATIO	TEMP. (CENT.)	TOC (PCT) R-E	COMMENTS
96657-Q	7490	GEOC	870902	REV3	.36	2.49	1.09	134	58	.13	431	1.85	
96657-T	7520	GEOC	870902	REV3	.21	.80	1.88	43	101	.21	423	1.85	
96668-C	7560	GEOC	870902	REV3	.51	6.38	3.46	232	125	.07	429	2.75	
96668-F	7590	GEOC	870902	REV3	.32	5.37	2.04	182	69	.06	429	2.95	

PROJECT NUMBER, SAMPLE COUNT, WELLNAME

PROJ NUM.	EPR NO.	DEPTH (FT.)	WELL NAME
25606	96679-A	2930	WEST DEASE NO.1
25606	96679-B	2940	WEST DEASE NO.1

GRAND	COUNT
	2

WEST DEASE NO.1

SEGMENT COUNT SUMMARY

PAGE 1

		EPR NO.	DEPTH (FT.)	WELL	GEOL	WBOX	LITH	PTS	D/E	SDE	FORM	C4C7	C15+	KER	ARO	SAT	C1C4	TOC	ISO	OIL	R-E	REFL	FLUO	CHRM
				109	200	216	224/6	228	230	312	314	512	514	516	518	520	530	532	534	536	538	540	542	544
		96679-A	2930	1										2				1			1			
		96679-B	2940	1										2				1			1			
RAND	COUNT	2		2	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	2	0	0	0

TABLE 7 - VISUAL KEROGENS

WEST DEASE NO.1

TAL

*F = Float
M = Matrix*

EPR NO.	DEPTH (FT.)	SORC CODE	DATE YYMMDD	CLASS CODE	NUM. METH CODE	ALT. INDEX -EPR-	ALT. INDEX -IOL-	VIS OM BY VOLUME	CONF. LEVEL	PRES. INDEX	PRO-CESS	VIS KER ABBR	VIS KER VAL	NOTES
96679-A	2930	JLMC	871022	EONE	R09	2+	2.3	.00	5	3	F F F F F F F	ALG? ALGE COAL HERB INDF QUES SMAM WOOD	3 1 1 4	
96679-A	2930	JLMC	871022	EONE	R09	2+	2.3	.00	5	2	M M M M M	ALG? ALGE COAL HERB INDF WOOD	4 1 2 2	
96679-B	2940	JLMC	871022	EONE	R09	2+	2.3	.00	5	3	F F F F F M M M M M M	ALG? ALGE COAL HERB QUES WOOD ALG? ALGE COAL HERB INDF QUES WOOD	4 1 1 3 4 1 1 1 3	

TABLE 10 - ROCK EVAL PYROLYSIS

TEST DEASE NO.1

EPR NO.	DEPTH (FT.)	GRP SORC	ANAL DATE YYMMDD	ANAL METH	S1 (MG/GRM)	S2 (MG/GRM)	S3 (MG/GRM)	HYDROGEN INDEX	OXYGEN INDEX	TRANSF. RATIO	TEMP. (CENT.)	TOC (PCT) R-E	COMMENTS
96679-A	2930	GE0C	870902	REV3	.33	6.25	1.08	245	42	.05	424	2.55	
96679-B	2940	GE0C	870902	REV3	.35	9.05	1.22	696	93	.04	424	1.30	

PROJECT NUMBER, SAMPLE COUNT, WELLNAME

PROJ NUM.	EPR NO.	DEPTH (FT.)	WELL NAME
25606	96833-A	620	DREW POINT NO.1
25606	96833-B	650	DREW POINT NO.1
25606	96833-C	1040	DREW POINT NO.1
25606	96833-D	1070	DREW POINT NO.1
25606	96833-E	1130	DREW POINT NO.1
25606	96833-F	1160	DREW POINT NO.1
25606	96833-G	1190	DREW POINT NO.1
25606	96833-H	1220	DREW POINT NO.1
25606	96833-I	1250	DREW POINT NO.1
25606	96833-J	6710	DREW POINT NO.1
25606	96833-K	6720	DREW POINT NO.1
25606	96833-L	6730	DREW POINT NO.1
25606	96833-M	6740	DREW POINT NO.1
25606	96833-N	6750	DREW POINT NO.1
25606	96833-O	6760	DREW POINT NO.1
25606	96833-P	6770	DREW POINT NO.1
25606	96833-Q	6790	DREW POINT NO.1
25606	96833-R	6800	DREW POINT NO.1
25606	96833-S	6910	DREW POINT NO.1
25606	96833-T	6920	DREW POINT NO.1
25606	96844-A	6930	DREW POINT NO.1
25606	96844-B	6940	DREW POINT NO.1
25606	96844-C	6950	DREW POINT NO.1
25606	96844-D	6960	DREW POINT NO.1
25606	96844-E	7070	DREW POINT NO.1
25606	96844-F	7080	DREW POINT NO.1
25606	96844-G	7090	DREW POINT NO.1
25606	96844-H	7100	DREW POINT NO.1
25606	96844-I	7110	DREW POINT NO.1
25606	96844-J	7120	DREW POINT NO.1
25606	96844-K	7130	DREW POINT NO.1
25606	96844-L	7140	DREW POINT NO.1
25606	96844-M	7240	DREW POINT NO.1
25606	96844-N	7250	DREW POINT NO.1
25606	96844-O	7260	DREW POINT NO.1

RAND COUNT 35

REW POINT NO.1

SEGMENT COUNT SUMMARY

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EPR NO.	DEPTH (FT.)	WELL	GEOL	WBOX	LITH	PTS	D/E	SDE	FORM	C4C7	C15+	KER	ARO	SAT	C1C4	TOC	ISO	OIL	R-E	REFL	FLUO	CHRM
		109	200	216	224/6	228	230	312	314	512	514	516	518	520	530	532	534	536	538	540	542	544
96833-A	620	1														1						
96833-B	650	1														1						
96833-C	1040	1														1						
96833-D	1070	1														1						
96833-E	1130	1														1						
96833-F	1160	1														1						
96833-G	1190	1														1						
96833-H	1220	1														1						
96833-I	1250	1														1						
96833-J	6710	1														1						
96833-K	6720	1														1				1		
96833-L	6730	1														1						
96833-M	6740	1														1						
96833-N	6750	1														1				1		
96833-O	6760	1										2				1						
96833-P	6770	1										2				1						
96833-Q	6790	1														1				1		
96833-R	6800	1														1						
96833-S	6910	1														1						
96833-T	6920	1														1						
96844-A	6930	1											2			1				1		
96844-B	6940	1														1						
96844-C	6950	1														1				1		
96844-D	6960	1														1						
96844-E	7070	1														1						
96844-F	7080	1														1						
96844-G	7090	1										2				1						
96844-H	7100	1														1						
96844-I	7110	1														1				1		
96844-J	7120	1														1						
96844-K	7130	1														1						
96844-L	7140	1														1						
96844-M	7240	1														1						
96844-N	7250	1														1				1		
96844-O	7260	1														1				1		

AND COUNT 35 35 0 0 0 0 0 0 0 0 0 0 4 0 0 0 34 0 0 8 0 0 0

TABLE 7 - VISUAL KEROGENS

DREW POINT NO.1

*F float
H. H. H. H.*

PR NO.	DEPTH (FT.)	SORC CODE	DATE YYYYMMDD	CLASS CODE	NUM. METH CODE	ALT. INDEX -EPR- <i>TAI</i>	ALT. INDEX -IOL-	VIS OM BY VOLUME	CONF. LEVEL	PRES. INDEX	PRO-CESS	VIS KER ABBR	VIS KER VAL	NOTES
6833-N	6750	JLMC	871022	EONE	R09	3	3.0	.00	4	3	F F F F F M M M M M M	ALG? ALGE COAL HERB INDF WOOD ALG? ALGE COAL INDF QUES WOOD	1 7 1 1 6 1 1	
6833-O	6760	JLMC	871022	EONE	R09	3	3.0	.00	4	3	F F F F M M M M M M	ALG? ALGE COAL QUES WOOD ALG? ALGE COAL INDF QUES WOOD	1 8 1 7 1 1	
6833-T	6920	JLMC	871022	EONE	R09	3	3.0	.00	4	3	F F F F F M M M M M M	ALG? ALGE COAL HERB QUES WOOD ALG? ALGE COAL HERB INDF QUES WOOD	5 1 1 2 1 4 2 1 1	
96844-G	7090	JLMC	871022	EONE	R09		.0	.00			F M	- -	- -	OMTS

TABLE 10 - ROCK EVAL PYROLYSIS

PAGE 1

EM POINT NO.1

PR NO.	DEPTH (FT.)	GRP SORC	ANAL DATE YYMMDD	ANAL METH	S1 (MG/GRM)	S2 (MG/GRM)	S3 (MG/GRM)	HYDROGEN INDEX	OXYGEN INDEX	TRANSF. RATIO	TEMP. (CENT.)	TOC (PCT) R-E	COMMENTS
6833-J	6710	GEOC	870903	REV3	.19	2.12	.98	64	29	.08	429	3.30	
6833-M	6740	GEOC	870902	REV3	1.31	23.38	1.20	432	22	.05	424	5.40	
6833-P	6770	GEOC	870902	REV3	.65	12.34	.96	342	26	.05	429	3.60	
6833-T	6920	GEOC	870903	REV3	.19	2.96	1.06	164	58	.06	436	1.80	
6844-B	6940	GEOC	870903	REV3	.11	1.48	1.79	112	143	.07	434	1.25	
6844-H	7100	GEOC	870903	REV3	.81	21.46	17.24	406	326	.04	338	5.28	
6844-M	7240	GEOC	870903	REV3	.88	20.63	15.18	404	297	.04	340	5.10	
6844-N	7250	GEOC	870903	REV3	.30	9.58	7.62	360	286	.03	333	2.66	

PROJECT NUMBER, SAMPLE COUNT, WELLNAME

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PROJ NUM.	EPR NO.	DEPTH (FT.)	WELL NAME
25606	96855-A	7240	IKPIKPUK NO.1
25606	96855-B	7250	IKPIKPUK NO.1
25606	96855-C	7260	IKPIKPUK NO.1
25606	96855-D	7270	IKPIKPUK NO.1
25606	96855-E	7280	IKPIKPUK NO.1
25606	96855-F	7290	IKPIKPUK NO.1
25606	96855-G	7300	IKPIKPUK NO.1
25606	96855-H	7310	IKPIKPUK NO.1
25606	96855-I	7320	IKPIKPUK NO.1
25606	96855-J	7330	IKPIKPUK NO.1
25606	96855-K	7340	IKPIKPUK NO.1

25606	96855-L	8260	IKPIKPUK NO.1
25606	96855-M	8290	IKPIKPUK NO.1
25606	96855-N	8320	IKPIKPUK NO.1
25606	96855-O	8350	IKPIKPUK NO.1
25606	96855-P	8380	IKPIKPUK NO.1
25606	96855-Q	8410	IKPIKPUK NO.1
25606	96855-R	8440	IKPIKPUK NO.1
25606	96855-S	8470	IKPIKPUK NO.1
25606	96855-T	8500	IKPIKPUK NO.1
25606	96866-A	8530	IKPIKPUK NO.1
25606	96866-B	8560	IKPIKPUK NO.1
25606	96866-C	8590	IKPIKPUK NO.1
25606	96866-D	8620	IKPIKPUK NO.1
25606	96866-E	8660	IKPIKPUK NO.1
25606	96866-F	8700	IKPIKPUK NO.1
25606	96866-G	8730	IKPIKPUK NO.1
25606	96866-H	8760	IKPIKPUK NO.1
25606	96866-I	8790	IKPIKPUK NO.1
25606	96866-J	8820	IKPIKPUK NO.1
25606	96866-K	8850	IKPIKPUK NO.1
25606	96866-L	8880	IKPIKPUK NO.1
25606	96866-M	8910	IKPIKPUK NO.1
25606	96866-N	8940	IKPIKPUK NO.1
25606	96866-O	8970	IKPIKPUK NO.1
25606	96866-P	9000	IKPIKPUK NO.1
25606	96866-Q	9030	IKPIKPUK NO.1
25606	96866-R	9040	IKPIKPUK NO.1
25606	96866-S	9700	IKPIKPUK NO.1
25606	96866-T	9750	IKPIKPUK NO.1
25606	96877-A	9780	IKPIKPUK NO.1
25606	96877-B	9800	IKPIKPUK NO.1
25606	96877-C	9810	IKPIKPUK NO.1
25606	96877-D	9820	IKPIKPUK NO.1

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PROJECT NUMBER, SAMPLE COUNT, WELLNAME

PROJ NUM.	EPR NO.	DEPTH (FT.)	WELL NAME
25606	96877-E	9830	IKPIKPUK NO.1
25606	96877-F	9840	IKPIKPUK NO.1
25606	96877-G	9850	IKPIKPUK NO.1

RAND COUNT

SEGMENT COUNT SUMMARY

EPR NO.	DEPTH (FT.)	WELL	GEOL	WBOX	LITH	PTS	D/E	SDE	FORM	C4C7	C15+	KER	ARO	SAT	C1C4	TOC	ISO	OIL	R-E	REFL	FLUO	CHRM
		109	200	216	224/6	228	230	312	314	512	514	516	518	520	530	532	534	536	538	540	542	544
96855-A	7240	1														1						
96855-B	7250	1														1						
96855-C	7260	1										2				1				1		
96855-D	7270	1														1						
96855-E	7280	1														1						
96855-F	7290	1														1				1		
96855-G	7300	1														1						
96855-H	7310	1														1				1		
96855-I	7320	1														1						
96855-J	7330	1														1				1		
96855-K	7340	1														1						
96855-L	8260	1																				
96855-M	8290	1														1						
96855-N	8320	1														1						
96855-O	8350	1														1				1		
96855-P	8380	1										2				1						
96855-Q	8410	1														1						
96855-R	8440	1														1				1		
96855-S	8470	1														1						
96855-T	8500	1														1						
96866-A	8530	1														1						
96866-B	8560	1														1						
96866-C	8590	1														1				1		
96866-D	8620	1														1						
96866-E	8660	1														1				1		
96866-F	8700	1														1						
96866-G	8730	1														1				1		
96866-H	8760	1														1						
96866-I	8790	1														1						
96866-J	8820	1														1						
96866-K	8850	1														1						
96866-L	8880	1										2				1				1		
96866-M	8910	1														1						
96866-N	8940	1														1				1		
96866-O	8970	1														1						
96866-P	9000	1														1						
96866-Q	9030	1														1						
96866-R	9040	1														1						
96866-S	9700	1														1				1		
96866-T	9750	1														1						
96877-A	9780	1														1						
96877-B	9800	1														1						
96877-C	9810	1														1						
96877-D	9820	1														1						

IKPIKPUK NO.1

SEGMENT COUNT SUMMARY

PAGE 2

EPR NO.	DEPTH (FT.)	WELL	GEOL	WBOX	LITH	PTS	D/E	SDE	FORM	C4C7	C15+	KER	ARO	SAT	C1C4	TOC	ISO	OIL	R-E	REFL	FLUD	CHRM	
96877-E	9830	1																					
96877-F	9840	1																					
96877-G	9850	1																					

AND COUNT

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 13 0 0 0

TABLE 7 - VISUAL KEROGENS

F = Float
M = Matrix

IKPIKPUK NO.1

EPR NO.	DEPTH (FT.)	SORC CODE	DATE YYMMDD	CLASS CODE	NUM. METH CODE	ALT. INDEX -EPR- <i>TAI</i>	ALT. INDEX -IOL-	VIS OM BY VOLUME	CONF. LEVEL	PRES. INDEX	PRO-CESS	VIS KER ABBR	VIS KER VAL	NOTES
96855-B	7250	JLMC	871022	EONE	R09	3	3.0	.00	3	4	F F F F F F	ALG? ALGE COAL HERB OTHR SMAM WOOD	1 1 1 1 1 1 4	
96855-B	7250	JLMC	871022	EONE	R09	3	3.0	.00	3	2	M M M M M	ALG? COAL HERB INDF SMAM WOOD	1 1 4 4 2	
96855-P	8380	JLMC	871022	EONE	R09	3	3.0	.00	5	4	F F F F F	ALG? ALGE COAL HERB MPNK WOOD	2 1 1 1 1 4	
96855-P	8380	JLMC	871022	EONE	R09	3	3.0	.00	5	1	M M M	ALG? ALGE COAL	2 1 1	

TABLE 7 - VISUAL KEROGENS

IKPIKPUK NO.1

EPR NO.	DEPTH (FT.)	SORC CODE	DATE YYMMDD	CLASS CODE	NUM. METH CODE	ALT. INDEX -EPR-	ALT. INDEX -IOL-	VIS OM BY VOLUME	CONF. LEVEL	PRES. INDEX	PRO-CESS	VIS KER ABBR	VIS KER VAL	NOTES
16855-P	8380	JLMC	871022	EONE	R09	3	3.0	.00	5	1	M M M M	HERB INDF MPNK WOOD	4 1	
16866-K	8850	JLMC	871022	EONE	R09	3	3.0	.00	5	3	F F F M M M M M	ALG? ALGE COAL WOOD ALG? ALGE COAL INDF WOOD	5 2 1 2 4 2 1 2 1	

TABLE 10 - ROCK EVAL PYROLYSIS

KPIKPUK NO.1

EPR NO.	DEPTH (FT.)	GRP SORC	ANAL DATE YYMMDD	ANAL METH	S1 (MG/GRM)	S2 (MG/GRM)	S3 (MG/GRM)	HYDROGEN INDEX	OXYGEN INDEX	TRANSF. RATIO	TEMP. (CENT.)	TOC (PCT) R-E	COMMENTS
96855-B	7250	GEOC	870903	REV3	.20	3.58	.64	152	27	.05	435	2.35	
96855-E	7280	GEOC	870903	REV3	.16	2.12	.62	109	31	.07	437	1.94	
96855-G	7300	GEOC	870903	REV3	.16	1.93	.45	102	23	.08	437	1.88	
96855-I	7320	GEOC	870903	REV3	.18	3.22	.46	146	20	.05	436	2.20	
96855-K	7340	GEOC	870903	REV3	.18	3.16	.87	151	41	.05	434	2.09	
96855-N	8320	GEOC	870903	REV3	.17	1.04	.72	75	52	.14	439	1.37	
96855-Q	8410	GEOC	870903	REV3	.97	34.06	1.59	742	34	.03	421	4.59	
96866-B	8560	GEOC	870903	REV3	.29	1.68	.67	101	40	.15	439	1.65	
96866-D	8620	GEOC	870903	REV3	.33	2.52	.72	143	40	.12	440	1.76	
96866-F	8700	GEOC	870903	REV3	.63	15.52	.88	497	28	.04	420	3.12	
96866-K	8850	GEOC	870903	REV3	.52	23.54	1.13	616	29	.02	423	3.82	
96866-M	8910	GEOC	870903	REV3	.82	14.78	.96	446	29	.05	422	3.31	
96866-R	9040	GEOC	870903	REV3	1.38	17.19	.96	514	28	.07	423	3.34	

PROJECT NUMBER, SAMPLE COUNT, WELLNAME

PROJ NUM.	EPR NO.	DEPTH (FT.)	WELL NAME
25606	96811-A	1280	INIGOK NO.1
25606	96811-B	1310	INIGOK NO.1
25606	96811-C	1340	INIGOK NO.1
25606	96811-D	1370	INIGOK NO.1
25606	96811-E	1400	INIGOK NO.1
25606	96811-F	1430	INIGOK NO.1
25606	96811-G	1460	INIGOK NO.1
25606	96811-H	1490	INIGOK NO.1
25606	96811-I	1580	INIGOK NO.1
25606	96811-J	1610	INIGOK NO.1
25606	96811-K	1640	INIGOK NO.1
25606	96811-L	1670	INIGOK NO.1
25606	96811-M	1700	INIGOK NO.1
25606	96811-N	1730	INIGOK NO.1
25606	96811-O	1760	INIGOK NO.1
25606	96811-P	1790	INIGOK NO.1
25606	96811-Q	9050	INIGOK NO.1
25606	96811-R	9060	INIGOK NO.1
25606	96811-S	9070	INIGOK NO.1
25606	96811-T	9080	INIGOK NO.1
25606	96822-A	9090	INIGOK NO.1
25606	96822-B	9100	INIGOK NO.1
25606	96822-C	9110	INIGOK NO.1
25606	96822-D	9120	INIGOK NO.1
25606	96822-E	9130	INIGOK NO.1
25606	96822-F	10110	INIGOK NO.1
25606	96822-G	10120	INIGOK NO.1
25606	96822-H	10130	INIGOK NO.1
25606	96822-I	10140	INIGOK NO.1
25606	96822-J	10150	INIGOK NO.1
25606	96822-K	10160	INIGOK NO.1
25606	96822-L	10170	INIGOK NO.1
25606	96822-M	10180	INIGOK NO.1
25606	96822-N	10190	INIGOK NO.1
25606	96822-O	10200	INIGOK NO.1
25606	96822-P	10210	INIGOK NO.1
25606	96822-Q	10220	INIGOK NO.1
25606	96822-R	10230	INIGOK NO.1
25606	96822-S	10240	INIGOK NO.1
25606	96822-T	10250	INIGOK NO.1
25606	96822-U	10260	INIGOK NO.1

GRAND COUNT 41

EPR NO.	DEPTH (FT.)	WELL	GEOL	WBOX	LITH	PTS	D/E	SDE	FORM	C4C7	C15+	KER	ARO	SAT	C1C4	TOC	ISO	OIL	R-E	REFL	FLUD	CHRM
		109	200	216	224/6	228	230	312	314	512	514	516	518	520	530	532	534	536	538	540	542	544
96811-A	1280	1														1						
96811-B	1310	1														1						
96811-C	1340	1														1						
96811-D	1370	1														1						
96811-E	1400	1														1						
96811-F	1430	1														1						
96811-G	1460	1														1						
96811-H	1490	1														1						
96811-I	1580	1														1						
96811-J	1610	1														1						
96811-K	1640	1														1						
96811-L	1670	1														1						
96811-M	1700	1														1						
96811-N	1730	1														1						
96811-O	1760	1														1						
96811-P	1790	1														1						
96811-Q	9050	1														1						
96811-R	9060	1														1						
96811-S	9070	1														1						
96811-T	9080	1														1						
96822-A	9090	1														1						
96822-B	9100	1														1						
96822-C	9110	1														1						
96822-D	9120	1														1						
96822-E	9130	1														1						
96822-F	10110	1														1						
96822-G	10120	1														1						
96822-H	10130	1														1						
96822-I	10140	1														1						
96822-J	10150	1														1						
96822-K	10160	1														1						
96822-L	10170	1														1						
96822-M	10180	1														1						
96822-N	10190	1														1						
96822-O	10200	1														1						
96822-P	10210	1														1						
96822-Q	10220	1														1						
96822-R	10230	1														1						
96822-S	10240	1														1						
96822-T	10250	1														1						
96822-U	10260	1														1						
AND	COUNT	41	41	0	0	0	0	0	0	0	0	0	0	0	0	41	0	0	1	0	0	0

TABLE 10 - ROCK EVAL PYROLYSIS

NIGOK NO.1

EPR NO.	DEPTH (FT.)	GRP SORC	ANAL DATE YYMMDD	ANAL METH	S1 (MG/GRM)	S2 (MG/GRM)	S3 (MG/GRM)	HYDROGEN INDEX	OXYGEN INDEX	TRANSF. RATIO	TEMP. (CENT.)	TOC (PCT) R-E	COMMENTS
96822-U	10260	GE0C	870903	REV3	.36	1.51	1.34	84	74	.19	446	1.79	

PROJECT NUMBER, SAMPLE COUNT, WELLNAME

PAGE 1

PROJ NUM.	EPR NO.	DEPTH (FT.)	WELL NAME
25606	96778-A	7400	NORTH INIGOK NO.1
25606	96778-B	7410	NORTH INIGOK NO.1
25606	96778-C	7420	NORTH INIGOK NO.1
25606	96778-D	7430	NORTH INIGOK NO.1
25606	96778-E	7460	NORTH INIGOK NO.1
25606	96778-F	7470	NORTH INIGOK NO.1
25606	96778-G	7490	NORTH INIGOK NO.1
25606	96778-H	7510	NORTH INIGOK NO.1
25606	96778-I	8060	NORTH INIGOK NO.1
25606	96778-J	8070	NORTH INIGOK NO.1
25606	96778-K	8090	NORTH INIGOK NO.1
25606	96778-L	8100	NORTH INIGOK NO.1
25606	96778-M	8150	NORTH INIGOK NO.1
25606	96778-N	9840	NORTH INIGOK NO.1
25606	96778-O	9850	NORTH INIGOK NO.1
25606	96778-P	9870	NORTH INIGOK NO.1
25606	96778-Q	9880	NORTH INIGOK NO.1
25606	96778-R	9890	NORTH INIGOK NO.1
25606	96778-S	10010	NORTH INIGOK NO.1
25606	96778-T	10020	NORTH INIGOK NO.1
25606	96789-A	10030	NORTH INIGOK NO.1
25606	96789-B	10040	NORTH INIGOK NO.1
25606	96789-C	10050	NORTH INIGOK NO.1
25606	96789-D	10060	NORTH INIGOK NO.1
25606	96789-E	10110	NORTH INIGOK NO.1
25606	96789-F	10120	NORTH INIGOK NO.1
25606	96789-G	10130	NORTH INIGOK NO.1
25606	96789-H	10140	NORTH INIGOK NO.1
25606	96789-I	10150	NORTH INIGOK NO.1
25606	96789-J	10160	NORTH INIGOK NO.1
25606	96789-K	10170	NORTH INIGOK NO.1

GRAND COUNT 31

EPR NO.	DEPTH (FT.)	WELL	GEOL	WBOX	LITH	PTS	D/E	SDE	FORM	C4C7	C15+	KER	ARO	SAT	C1C4	TOC	ISO	OIL	R-E	REFL	FLUO	CHRM
		109	200	216	224/6	228	230	312	314	512	514	516	518	520	530	532	534	536	538	540	542	544
96778-A	7400	1														1				1		
96778-B	7410	1														1						
96778-C	7420	1														1						
96778-D	7430	1														1						
96778-E	7460	1										2				1				1		
96778-F	7470	1														1				1		
96778-G	7490	1														1						
96778-H	7510	1														1						
96778-I	8060	1										2				1				1		
96778-J	8070	1														1						
96778-K	8090	1														1				1		
96778-L	8100	1														1						
96778-M	8150	1														1						
96778-N	9840	1														1				1		
96778-O	9850	1														1						
96778-P	9870	1										2				1				1		
96778-Q	9880	1														1				1		
96778-R	9890	1														1						
96778-S	10010	1														1						
96778-T	10020	1														1				1		
96789-A	10030	1														1						
96789-B	10040	1														1						
96789-C	10050	1														1				1		
96789-D	10060	1														1						
96789-E	10110	1														1						
96789-F	10120	1										2				1				1		
96789-G	10130	1														1						
96789-H	10140	1														1						
96789-I	10150	1														1				1		
96789-J	10160	1														1						
96789-K	10170	1														1						
GRAND	COUNT	31										4	0	0	0	31	0	0	11	0	0	0

TABLE 7 - VISUAL KEROGENS

F = Float
M = Matrix

NORTH INIGOK NO.1

EPR NO.	DEPTH (FT.)	SORC CODE	DATE YYMMDD	CLASS CODE	NUM. METH CODE	ALT. INDEX -EPR-	ALT. INDEX -IOL-	VIS OM BY VOLUME	CONF. LEVEL	PRES. INDEX	PRO-CESS	VIS KER ABBR	VIS KER VAL	NOTES
96778-E	7460	JLMC	871022	EONE	R09	3-	2.7	.00	5	3	F	ALG?	2	
											F	ALGE	6	
											F	COAL		
											F	HERB		
											F	INDF		
											F	WOOD	1	
											M	ALG?	3	
											M	ALGE	3	
											M	COAL		
											M	HERB		
											M	INDF	2	
M	SMAM													
M	WOOD	1												
96778-I	8060	JLMC	871022	EONE	R09	3-	2.7	.00	5	2	F	ALG?	1	
											F	ALGE		
											F	COAL	1	
											F	HERB		
											F	INDF	1	
											F	WOOD	6	
											M	ALG?		
											M	COAL	1	
											M	HERB		
											M	INDF	3	
											M	WOOD	5	
96778-P	9870	JLMC	871022	EONE	R09	3	3.0	.00	5	2	F	ALG?	4	
											F	COAL	1	
											F	HERB		
											F	INDF		
											F	WOOD	4	
											M	ALG?	4	
											M	COAL		
											M	HERB		
											M	INDF	1	
											M	WOOD	4	
											96789-F	10120	JLMC	
F	COAL	1												
F	HERB													
F	INDF													
F	WOOD	4												
M	ALG?	4												
M	COAL	1												
M	HERB													
M	INDF	1												
M	WOOD	4												

TABLE 10 - ROCK EVAL PYROLYSIS

PAGE 1

NORTH INIGOK NO.1

EPR NO.	DEPTH (FT.)	GRP SORC	ANAL DATE YYMMDD	ANAL METH	S1 (MG/GRM)	S2 (MG/GRM)	S3 (MG/GRM)	HYDROGEN INDEX	OXYGEN INDEX	TRANSF. RATIO	TEMP. (CENT.)	TOC (PCT) R-E	COMMENTS
96778-A	7400	GE0C	870902	REV3	.16	1.06	.49	88	41	.13	440	1.20	
96778-E	7460	GE0C	870902	REV3	.65	6.03	.37	215	13	.10	440	2.80	
96778-F	7470	GE0C	870902	REV3	.49	3.19	.37	151	17	.13	440	2.10	
96778-I	8060	GE0C	870902	REV3	.16	1.16	.44	72	27	.12	455	1.60	
96778-K	8090	GE0C	870902	REV3	.30	1.62	.35	108	23	.16	447	1.50	
96778-N	9840	GE0C	870902	REV3	.34	.83	.29	24	8	.29	471	3.40	
96778-Q	9880	GE0C	870902	REV3	.41	.96	.57	26	15	.30	465	3.60	
96778-T	10020	GE0C	870902	REV3	.30	.73	.35	24	11	.29	466	3.00	
96789-C	10050	GE0C	870902	REV3	.48	1.74	1.86	41	44	.22	387	4.20	
96789-F	10120	GE0C	870902	REV3	.27	.69	.41	24	14	.28	486	2.80	
96789-I	10150	GE0C	870902	REV3	.31	.50	.52	25	26	.39	469	2.00	

PROJECT NUMBER, SAMPLE COUNT, WELLNAME

PROJ NUM.	EPR NO.	DEPTH (FT.)	WELL NAME
25606	96646-A	7228	NORTH KALIKPIK NO.1
25606	96646-B	7391	NORTH KALIKPIK NO.1
25606	96646-C	7392	NORTH KALIKPIK NO.1
25606	96646-D	7393	NORTH KALIKPIK NO.1
25606	96646-E	7394	NORTH KALIKPIK NO.1
25606	96646-F	7395	NORTH KALIKPIK NO.1

RAND COUNT 6

NORTH KALIKPIK NO.1

SEGMENT COUNT SUMMARY

PAGE 1

EPR NO.	DEPTH (FT.)	WELL	GEOL	WBOX	LITH	PTS	D/E	SDE	FORM	C4C7	C15+	KER	ARO	SAT	C1C4	TOC	ISO	OIL	R-E	REFL	FLUO	CHRM
		109	200	216	224/6	228	230	312	314	512	514	516	518	520	530	532	534	536	538	540	542	544
96646-A	7228	1														1						
96646-B	7391	1														1			1			
96646-C	7392	1														1						
96646-D	7393	1														1			1			
96646-E	7394	1														1						
96646-F	7395	1														1			1			

BRAND	COUNT																					
	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	3	0	0	0

TABLE 10 - ROCK EVAL PYROLYSIS

DRTH KALIKPIK NO.1

EPR NO.	DEPTH (FT.)	GRP SORC	ANAL DATE YYMMDD	ANAL METH	S1 (MG/GRM)	S2 (MG/GRM)	S3 (MG/GRM)	HYDROGEN INDEX	OXYGEN INDEX	TRANSF. RATIO	TEMP. (CENT.)	TOC (PCT) R-E	COMMENTS
96646-B	7391	GEOC	870902	REV3	.38	1.03	.24	108	25	.27	455	.95	
96646-D	7393	GEOC	870902	REV3	.44	1.74	.21	158	19	.20	449	1.10	
96646-F	7395	GEOC	870902	REV3	.35	1.52	.20	160	21	.19	451	.95	

PROJECT NUMBER, SAMPLE COUNT, WELLNAME

PROJ NUM.	EPR NO.	DEPTH (FT.)	WELL NAME
25606	96701-A	6900	KUGRUA NO.1
25606	96701-B	6910	KUGRUA NO.1
25606	96701-C	6920	KUGRUA NO.1
25606	96701-D	6930	KUGRUA NO.1
25606	96701-E	6940	KUGRUA NO.1
25606	96701-F	6950	KUGRUA NO.1
25606	96701-G	6960	KUGRUA NO.1
25606	96701-H	6970	KUGRUA NO.1
25606	96701-I	6980	KUGRUA NO.1

GRAND COUNT 9

EPR NO.	DEPTH (FT.)	WELL	GEOL	WBOX	LITH	PTS	D/E	SDE	FORM	C4C7	C15+	KER	ARO	SAT	C1C4	TOC	ISO	OIL	R-E	REFL	FLUO	CHRM
		109	200	216	224/6	228	230	312	314	512	514	516	518	520	530	532	534	536	538	540	542	544
96701-A	6900	1														1				1		
96701-B	6910	1														1						
96701-C	6920	1														1						
96701-D	6930	1														1						
96701-E	6940	1										2				1				1		
96701-F	6950	1														1						
96701-G	6960	1														1						
96701-H	6970	1														1						
96701-I	6980	1														1					1	

RAND	COUNT	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		9	9	0	0	0	0	0	0	0	0	0	1	0	0	0	9	0	0	3	0	0	0

TABLE 7 - VISUAL KEROGENS

F = F/0at
M = Matrix

KUGRUA NO.1

PR NO.	DEPTH (FT.)	SORC CODE	DATE YYMMDD	CLASS CODE	NUM. METH CODE	ALT. INDEX -EPR- <i>TAI</i>	ALT. INDEX -IOL-	VIS OM BY VOLUME	CONF. LEVEL	PRES. INDEX	PRO-CESS	VIS KER ABBR	VIS KER VAL	NOTES
6701-D	6930	JLMC	871022	EONE	R09	3-	2.7	.00	3	2	F F F F F M M M M	ALG? COAL HERB INDF SMAM WOOD ALG? COAL INDF WOOD	2 1 1 5 1 1 2 6	

TABLE 10 - ROCK EVAL PYROLYSIS

UGRUA NO.1

EPR NO.	DEPTH (FT.)	GRP SORC	ANAL DATE YYMMDD	ANAL METH	S1 (MG/GRM)	S2 (MG/GRM)	S3 (MG/GRM)	HYDROGEN INDEX	OXYGEN INDEX	TRANSF. RATIO	TEMP. (CENT.)	TOC (PCT) R-E	COMMENTS
96701-A	6900	GEOC	870902	REV3	17.23	92.70	35.84	105	406	.16	322	8.82	
96701-D	6930	GEOC	870902	REV3	3.94	27.39	17.07	314	196	.13	321	8.70	
96701-I	6980	GEOC	870902	REV3	2.69	21.60	12.64	332	194	.11	321	6.50	

PROJECT NUMBER, SAMPLE COUNT, WELLNAME

PROJ NUM.	EPR NO.	DEPTH (FT.)	WELL NAME
25606	96734-A	4650	KUYANAK NO.1
25606	96734-B	4660	KUYANAK NO.1
25606	96734-C	4670	KUYANAK NO.1
25606	96734-D	4680	KUYANAK NO.1
25606	96734-E	4690	KUYANAK NO.1
25606	96734-F	4700	KUYANAK NO.1
25606	96734-G	4710	KUYANAK NO.1
25606	96734-H	5180	KUYANAK NO.1
25606	96734-I	5190	KUYANAK NO.1
25606	96734-J	5200	KUYANAK NO.1
25606	96734-K	5210	KUYANAK NO.1
25606	96734-L	5220	KUYANAK NO.1
25606	96734-M	5230	KUYANAK NO.1
25606	96734-N	5240	KUYANAK NO.1
25606	96734-O	5250	KUYANAK NO.1
25606	96734-P	5260	KUYANAK NO.1
25606	96734-Q	5270	KUYANAK NO.1
25606	96734-R	5280	KUYANAK NO.1
25606	96734-S	5290	KUYANAK NO.1
25606	96734-T	5300	KUYANAK NO.1
25606	96745-A	5310	KUYANAK NO.1
25606	96745-B	6360	KUYANAK NO.1
25606	96745-C	6370	KUYANAK NO.1
25606	96745-D	6380	KUYANAK NO.1
25606	96745-E	6480	KUYANAK NO.1
25606	96745-F	6490	KUYANAK NO.1

TOTAL COUNT 26

EPR NO.	DEPTH (FT.)	WELL	GEOLOGICAL	WBOX	LITH	PTS	D/E	SDE	FORM	C4C7	C15+	KER	ARO	SAT	C1C4	TOC	ISO	OIL	R-E	REFL	FLUO	CHRM
		109	200	216	224/6	228	230	312	314	512	514	516	518	520	530	532	534	536	538	540	542	544
96734-A	4650	1														1						
96734-B	4660	1														1				1		
96734-C	4670	1										2				1				1		
96734-D	4680	1														1						
96734-E	4690	1														1						
96734-F	4700	1														1				1		
96734-G	4710	1														1						
96734-H	5180	1														1				1		
96734-I	5190	1														1						
96734-J	5200	1														1				1		
96734-K	5210	1														1						
96734-L	5220	1														1						
96734-M	5230	1														1						
96734-N	5240	1														1						
96734-O	5250	1														1						
96734-P	5260	1														1						
96734-Q	5270	1														1						
96734-R	5280	1														1						
96734-S	5290	1														1						
96734-T	5300	1														1						
96745-A	5310	1														1						
96745-B	6360	1														1						
96745-C	6370	1														1						
96745-D	6380	1														1						
96745-E	6480	1														1						
96745-F	6490	1														1						

RAND	COUNT	26	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0
												1	0	0	0	26	0	0	5	0	0	0	0

TABLE 7 - VISUAL KEROGENS

KUYANAK NO.1

EPR NO.	DEPTH (FT.)	SORC CODE	DATE YYYYMMDD	CLASS CODE	NUM. METH CODE	ALT. INDEX -EPR-	ALT. INDEX -IOL-	VIS OM BY VOLUME	CONF. LEVEL	PRES. INDEX	PRO-CESS	VIS KER ABBR	VIS KER VAL	NOTES
96734-B	4660	JLMC	871022	EONE	R09	2+	2.3	.00	5	3	F F F F F	ALG? ALGE COAL HERB INDF WOOD	1 7 1	
96734-B	4660	JLMC	871022	EONE	R09	2+	2.3	.00	5	2	M M M M M	ALG? ALGE COAL HERB INDF WOOD	1 6 2	

TABLE 10 - ROCK EVAL PYROLYSIS

UYANAK NO.1

EPR NO.	DEPTH (FT.)	GRP SORC	ANAL DATE YYMMDD	ANAL METH	S1 (MG/GRM)	S2 (MG/GRM)	S3 (MG/GRM)	HYDROGEN INDEX	OXYGEN INDEX	TRANSF. RATIO	TEMP. (CENT.)	TOC (PCT) R-E	COMMENTS
96734-B	4660	GEOC	870902	REV3	.43	5.90	1.44	178	43	.07	434	3.30	
96734-C	4670	GEOC	870902	REV3	.29	3.52	1.07	135	41	.08	434	2.60	
96734-F	4700	GEOC	870902	REV3	.39	2.25	1.90	118	100	.15	436	1.90	
96734-H	5180	GEOC	870902	REV3	.25	2.15	.96	126	56	.10	437	1.70	
96734-J	5200	GEOC	870902	REV3	.29	.61	1.54	41	103	.32	446	1.50	

PROJECT NUMBER, SAMPLE COUNT, WELLNAME

PROJ NUM.	EPR NO.	DEPTH (FT.)	WELL NAME
25606	96712-A	6490	SOUTH MEADE
25606	96712-B	6500	SOUTH MEADE
25606	96712-C	6510	SOUTH MEADE
25606	96712-D	6520	SOUTH MEADE
25606	96712-E	6530	SOUTH MEADE
25606	96712-F	6540	SOUTH MEADE
25606	96712-G	6550	SOUTH MEADE
25606	96712-H	6560	SOUTH MEADE
25606	96712-I	6570	SOUTH MEADE
25606	96712-J	6580	SOUTH MEADE
25606	96712-K	6580	SOUTH MEADE
25606	96712-L	6600	SOUTH MEADE

GRAND COUNT 12

SOUTH MEADE

SEGMENT COUNT SUMMARY

PAGE 1

EPR NO.	DEPTH (FT.)	WELL	GEOL	WBOX	LITH	PTS	D/E	SDE	FORM	C4C7	C15+	KER	ARO	SAT	C1C4	TOC	ISO	OIL	R-E	REFL	FLUO	CHRM
		109	200	216	224/6	228	230	312	314	512	514	516	518	520	530	532	534	536	538	540	542	544
96712-A	6490	1														1						
96712-B	6500	1														1						
96712-C	6510	1														1				1		
96712-D	6520	1														1						
96712-E	6530	1														1						
96712-F	6540	1										2				1				1		
96712-G	6550	1														1						
96712-H	6560	1														1						
96712-I	6570	1														1						
96712-J	6580	1														1						
96712-K	6580	1														1				1		
96712-L	6600	1														1						

RAND	COUNT	12	12	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	12	0	0	3	0	0	0
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TABLE 7 - VISUAL KEROGENS

SOUTH MEADE

EPR NO.	DEPTH (FT.)	SORC CODE	DATE YYYYMMDD	CLASS CODE	NUM. METH CODE	ALT. INDEX -EPR-	ALT. INDEX -IOL-	VIS OM BY VOLUME	CONF. LEVEL	PRES. INDEX	PRO-CESS	VIS KER ABBR	VIS KER VAL	NOTES
96712-F	6540	JLMC	871022	EONE	R09	2+	2.3	.00	4	3	F F F F	ALG? COAL HERB WOOD	2 7	
96712-F	6540	JLMC	871022	EONE	R09	2+	2.3	.00	4	2	M M M	COAL INDF WOOD	2 2 6	

TRJ

F = FLOAT
M = MATRIX

TABLE 10 - ROCK EVAL PYROLYSIS

PAGE 1

OUTH MEADE

EPR NO.	DEPTH (FT.)	GRP SORC	ANAL DATE YYMMDD	ANAL METH	S1 (MG/GRM)	S2 (MG/GRM)	S3 (MG/GRM)	HYDROGEN INDEX	OXYGEN INDEX	TRANSF. RATIO	TEMP. (CENT.)	TOC (PCT) R-E	COMMENTS
96712-C	6510	GEOC	870902	REV3	.31	1.63	1.70	67	70	.16	325	2.40	
96712-F	6540	GEOC	870902	REV3	.17	.88	.85	40	38	.16	453	2.20	
96712-K	6580	GEOC	870902	REV3	.18	.98	1.05	70	75	.16	446	1.40	

PROJECT NUMBER, SAMPLE COUNT, WELLNAME

PROJ NUM.	EPR NO.	DEPTH (FT.)	WELL NAME
25606	96723-A	6210	PEARD
25606	96723-B	6225	PEARD
25606	96723-C	6240	PEARD
25606	96723-D	6255	PEARD
25606	96723-E	6270	PEARD
25606	96723-F	6285	PEARD
25606	96723-G	6300	PEARD
25606	96723-H	6315	PEARD
25606	96723-I	6330	PEARD
25606	96723-J	6345	PEARD

AND COUNT 10

HEARD

SEGMENT COUNT SUMMARY

PAGE 1

EPR NO.	DEPTH (FT.)	WELL	GEOL	WBOX	LITH	PTS	D/E	SDE	FORM	C4C7	C15+	KER	ARO	SAT	C1C4	TOC	ISO	OIL	R-E	REFL	FLUO	CHRM	
			109	200	216	224/6	228	230	312	314	512	514	516	518	520	530	532	534	536	538	540	542	544
96723-A	6210	1															1						
96723-B	6225	1															1						
96723-C	6240	1										2					1			1			
96723-D	6255	1															1						
96723-E	6270	1															1						
96723-F	6285	1															1			1			
96723-G	6300	1															1						
96723-H	6315	1															1						
96723-I	6330	1															1						
96723-J	6345	1															1			1			

IND	COUNT	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	3	0	0	0
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TABLE 7 - VISUAL KEROGENS

EARD

R NO.	DEPTH (FT.)	SORC CODE	DATE YYMMDD	CLASS CODE	NUM. METH CODE	ALT. INDEX -EPR-	ALT. INDEX -IOL-	VIS OM BY VOLUME	CONF. LEVEL	PRES. INDEX	PRO-CESS	VIS KER ABBR	VIS KER VAL	NOTES
723-B	6225	JLMC	871022	EONE	R09	3	3.0	.00	5	3	F F F F	ALG? ALGE COAL WOOD	1 7 1 1	
723-B	6225	JLMC	871022	EONE	R09	3	3.0	.00	5	2	M M M M M	ALG? ALGE COAL INDF WOOD	1 5 1 2 1	

F = Float
M = Matrix

TAL

TABLE 10 - ROCK EVAL PYROLYSIS

PAGE 1

ARD

PR NO.	DEPTH (FT.)	GRP SORC	ANAL DATE YYMMDD	ANAL METH	S1 (MG/GRM)	S2 (MG/GRM)	S3 (MG/GRM)	HYDROGEN INDEX	OXYGEN INDEX	TRANSF. RATIO	TEMP. (CENT.)	TOC (PCT) R-E	COMMENTS
6723-B	6225	GEOC	870902	REV3	.45	4.80	.51	184	19	.09	441	2.60	
6723-F	6285	GEOC	870902	REV3	.12	1.61	.53	80	26	.07	445	2.00	
6723-J	6345	GEOC	870902	REV3	.31	3.10	.40	140	18	.09	442	2.20	

PROJECT NUMBER, SAMPLE COUNT, WELLNAME

PROJ NUM.	EPR NO.	DEPTH (FT.)	WELL NAME
25606	96756-A	130	EAST SIMPSON NO.1
25606	96756-B	190	EAST SIMPSON NO.1
25606	96756-C	6370	EAST SIMPSON NO.1
25606	96756-D	6410	EAST SIMPSON NO.1
25606	96756-E	6440	EAST SIMPSON NO.1
25606	96756-F	6480	EAST SIMPSON NO.1
25606	96756-G	6520	EAST SIMPSON NO.1
25606	96756-U	6520	EAST SIMPSON NO.1
25606	96756-H	6600	EAST SIMPSON NO.1
25606	96756-I	6630	EAST SIMPSON NO.1
25606	96756-J	6650	EAST SIMPSON NO.1
25606	96756-K	6660	EAST SIMPSON NO.1
25606	96756-L	6690	EAST SIMPSON NO.1
25606	96756-M	6720	EAST SIMPSON NO.1
25606	96756-N	6740	EAST SIMPSON NO.1
25606	96756-O	6755	EAST SIMPSON NO.1
25606	96756-P	6795	EAST SIMPSON NO.1
25606	96756-Q	6800	EAST SIMPSON NO.1
25606	96756-R	6805	EAST SIMPSON NO.1
25606	96756-S	6810	EAST SIMPSON NO.1
25606	96756-T	6815	EAST SIMPSON NO.1
25606	96767-A	6820	EAST SIMPSON NO.1
25606	96767-B	6825	EAST SIMPSON NO.1
25606	96767-C	7210	EAST SIMPSON NO.1
25606	96767-D	7230	EAST SIMPSON NO.1
25606	96767-E	7240	EAST SIMPSON NO.1
25606	96767-F	7260	EAST SIMPSON NO.1
25606	96767-G	7280	EAST SIMPSON NO.1
25606	96767-H	7290	EAST SIMPSON NO.1
25606	96767-I	7300	EAST SIMPSON NO.1
25606	96767-J	7310	EAST SIMPSON NO.1
25606	96767-K	7320	EAST SIMPSON NO.1

LAND COUNT 32

EPR NO.	DEPTH (FT.)	WELL	GEOL	WBOX	LITH	PTS	D/E	SDE	FORM	C4C7	C15+	KER	ARO	SAT	C1C4	TOC	ISO	OIL	R-E	REFL	FLUO	CHRM
		109	200	216	224/6	228	230	312	314	512	514	516	518	520	530	532	534	536	538	540	542	544
96756-A	130	1														1						
96756-B	190	1														1						
96756-C	6370	1														1						
96756-D	6410	1														1						
96756-E	6440	1														1						
96756-F	6480	1										2				1				1		
96756-G	6520	1										2				1				1		
96756-U	6520	1														1						
96756-H	6600	1														1				1		
96756-I	6630	1														1						
96756-J	6650	1														1						
96756-K	6660	1														1				1		
96756-L	6690	1														1						
96756-M	6720	1														1						
96756-N	6740	1														1				1		
96756-O	6755	1														1						
96756-P	6795	1														1						
96756-Q	6800	1														1						
96756-R	6805	1														1						
96756-S	6810	1														1						
96756-T	6815	1														1				1		
96767-A	6820	1														1						
96767-B	6825	1														1						
96767-C	7210	1														1						
96767-D	7230	1														1						
96767-E	7240	1										2				1				1		
96767-F	7260	1														1						
96767-G	7280	1														1						
96767-H	7290	1														1						
96767-I	7300	1														1						
96767-J	7310	1														1						
96767-K	7320	1														1						

D	COUNT	32	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0
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TABLE 7 - VISUAL KEROGENS

*F = Float
M = Matrix*

EAST SIMPSON NO.1

EPR NO.	DEPTH (FT.)	SORC CODE	DATE YMMDD	CLASS CODE	NUM. METH CODE	ALT. INDEX -EPR- <i>TAI</i>	ALT. INDEX -IOL-	VIS OM BY VOLUME	CONF. LEVEL	PRES. INDEX	PRO-CESS	VIS KER ABBR	VIS KER VAL	NOTES
96756-E	6440	JLMC	871022	EONE	R09	2+	2.3	.00	5	4	F F F F F	ALG? ALGE COAL HERB QUES WOOD	3 2 1 1 3	
96756-E	6440	JLMC	871022	EONE	R09	2+	2.3	.00	5	3	M M M M M	ALG? ALGE COAL INDF WOOD	3 2 1 1 3	
96756-G	6520	JLMC	871022	EONE	R09	2+	2.3	.00	5	3	F F F F F	ALG? ALGE COAL HERB WOOD	2 4 1 2	
96756-G	6520	JLMC	871022	EONE	R09	2+	2.3	.00	5	2	M M M M M M M	ALG? ALGE COAL HERB INDF QUES WOOD	1 3 1 2 2 2	
96767-D	7230	JLMC	871022	EONE	R09	2+	2.3	.00	4	3	F F F F M M M M M M	ALG? ALGE COAL WOOD ALG? ALGE COAL HERB QUES WOOD	1 4 1 4 1 5 1 1 2	

TABLE 10 - ROCK EVAL PYROLYSIS

PAGE 1

AST SIMPSON NO.1

EPR NO.	DEPTH (FT.)	GRP SORC	ANAL DATE YYMMDD	ANAL METH	S1 (MG/GRM)	S2 (MG/GRM)	S3 (MG/GRM)	HYDROGEN INDEX	OXYGEN INDEX	TRANSF. RATIO	TEMP. (CENT.)	TOC (PCT) R-E	COMMENTS
96756-A	130	GEOC	870902	REV3	.16	.74	4.31	74	431	.18	433	1.00	
96756-E	6440	GEOC	870902	REV3	.23	3.05	.70	160	36	.07	434	1.90	
96756-G	6520	GEOC	870902	REV3	.39	4.49	1.03	204	46	.08	436	2.20	
96756-H	6600	GEOC	870902	REV3	.35	3.62	1.39	190	73	.09	434	1.90	
96756-K	6660	GEOC	870902	REV3	.26	2.13	.97	112	51	.11	434	1.90	
96756-N	6740	GEOC	870902	REV3	.30	3.51	2.31	234	154	.08	431	1.50	
96756-T	6815	GEOC	870902	REV3	.08	.97	1.24	74	95	.08	436	1.30	
96767-C	7210	GEOC	870902	REV3	6.16	15.98	7.19	409	184	.28	420	3.90	
96767-D	7230	GEOC	870902	REV3	9.30	25.39	9.00	437	155	.27	390	5.80	

PROJECT NUMBER, SAMPLE COUNT, WELLNAME

PROJ NUM.	EPR NO.	DEPTH (FT.)	WELL NAME
25606	96602-A	540	EAST NO.2 SIMPSON
25606	96602-B	570	EAST NO.2 SIMPSON
25606	96602-C	720	EAST NO.2 SIMPSON
25606	96602-D	750	EAST NO.2 SIMPSON
25606	96602-E	810	EAST NO.2 SIMPSON
25606	96602-F	840	EAST NO.2 SIMPSON
25606	96602-G	870	EAST NO.2 SIMPSON
25606	96602-H	900	EAST NO.2 SIMPSON
25606	96602-I	1020	EAST NO.2 SIMPSON
25606	96602-J	1050	EAST NO.2 SIMPSON
25606	96602-K	1080	EAST NO.2 SIMPSON
25606	96602-L	6330	EAST NO.2 SIMPSON
25606	96602-M	6360	EAST NO.2 SIMPSON
25606	96602-N	6390	EAST NO.2 SIMPSON
25606	96602-O	6420	EAST NO.2 SIMPSON
25606	96602-P	6450	EAST NO.2 SIMPSON
25606	96602-Q	6480	EAST NO.2 SIMPSON
25606	96602-R	6540	EAST NO.2 SIMPSON
25606	96602-S	6550	EAST NO.2 SIMPSON
25606	96602-T	6580	EAST NO.2 SIMPSON
25606	96613-A	6590	EAST NO.2 SIMPSON
25606	96613-B	6630	EAST NO.2 SIMPSON
25606	96613-C	6860	EAST NO.2 SIMPSON
25606	96613-D	6890	EAST NO.2 SIMPSON
25606	96613-E	6920	EAST NO.2 SIMPSON
25606	96613-F	6950	EAST NO.2 SIMPSON
25606	96613-G	7210	EAST NO.2 SIMPSON
25606	96613-H	7230	EAST NO.2 SIMPSON
25606	96613-I	7250	EAST NO.2 SIMPSON
25606	96613-J	7280	EAST NO.2 SIMPSON
25606	96613-K	7290	EAST NO.2 SIMPSON
25606	96613-L	7320	EAST NO.2 SIMPSON

RAND COUNT 32

EPR NO.	DEPTH (FT.)	WELL	GEOL	NBOX	LITH	PTS	D/E	SDE	FORM	C4C7	C15+	KER	ARO	SAT	C1C4	TOC	ISO	OIL	R-E	REFL	FLUO	CHRM
		109	200	216	224/6	228	230	312	314	512	514	516	518	520	530	532	534	536	538	540	542	544
96602-A	540	1														1						
96602-B	570	1														1						
96602-C	720	1														1						
96602-D	750	1														1						
96602-E	810	1														1						
96602-F	840	1														1						
96602-G	870	1														1						
96602-H	900	1														1						
96602-I	1020	1														1						
96602-J	1050	1														1						
96602-K	1080	1														1						
96602-L	6330	1														1						
96602-M	6360	1														1						
96602-N	6390	1														1						
96602-O	6420	1														1						
96602-P	6450	1														1						
96602-Q	6480	1														1						
96602-R	6540	1														1						
96602-S	6550	1														1						
96602-T	6580	1														1						
96613-A	6590	1										2				1						
96613-B	6630	1														1						
96613-C	6860	1														1						
96613-D	6890	1														1						
96613-E	6920	1														1						
96613-F	6950	1														1						
96613-G	7210	1										2				1						
96613-H	7230	1														1						
96613-I	7250	1														1						
96613-J	7280	1														1						
96613-K	7290	1														1						
96613-L	7320	1														1						

GRAND	COUNT	32	32	0	0	0	0	0	0	0	0	0	2	0	0	0	32	0	0	4	0	0	0
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TABLE 7 - VISUAL KEROGENS

*F = Float.
M = Matrix*

EAST NO.2 SIMPSON

EPR NO.	DEPTH (FT.)	SORC CODE	DATE YYMMDD	CLASS CODE	NUM. METH CODE	ALT. INDEX -EPR- <i>TAL</i>	ALT. INDEX -IOL-	VIS OM BY VOLUME	CONF. LEVEL	PRES. INDEX	PRO-CESS	VIS KER ABBR	VIS KER VAL	NOTES
96613-A	6590	JLMC	871022	EONE	R09	2+	2.3	.00	5	4	F F F F F	ALG? ALGE COAL HERB SMAM WOOD	3 4	
96613-A	6590	JLMC	871022	EONE	R09	2+	2.3	.00	5	3	M M M M M M	ALG? ALGE COAL HERB INDF SMAM WOOD	3 3 2 1	
96613-G	7210	JLMC	871022	EONE	R09	2+	2.3	.00	6	4	F F F F	ALG? COAL HERB WOOD	1 1 1 7	
96613-G	7210	JLMC	871022	EONE	R09	2+	2.3	.00	6	2	M M M M	ALG? COAL HERB INDF WOOD	1 2 6	

TABLE 10 - ROCK EVAL PYROLYSIS

EAST NO.2 SIMPSON

EPR NO.	DEPTH (FT.)	GRP SORC	ANAL DATE YYMMDD	ANAL METH	S1 (MG/GRM)	S2 (MG/GRM)	S3 (MG/GRM)	HYDROGEN INDEX	OXYGEN INDEX	TRANSF. RATIO	TEMP. (CENT.)	TOC (PCT) R-E	COMMENTS
96613-A	6590	GE0C	870902	REV3	.19	2.29	1.51	130	86	.08	435	1.75	
96613-E	6920	GE0C	870902	REV3	.24	2.39	.77	154	49	.09	436	1.55	
96613-G	7210	GE0C	870902	REV3	.22	4.26	1.57	81	29	.05	441	5.25	
96613-J	7280	GE0C	870902	REV3	.41	15.86	1.98	134	16	.03	439	11.75	

PROJECT NUMBER, SAMPLE COUNT, WELLNAME

PROJ NUM.	EPR NO.	DEPTH (FT.)	WELL NAME
25606	96624-A	2500	TULAGEAK NO.1
25606	96624-B	2510	TULAGEAK NO.1
25606	96624-C	2520	TULAGEAK NO.1

RAND COUNT 3

TULAGEAK NO.1

SEGMENT COUNT SUMMARY

PAGE 1

		DEPTH	WELL	GEOL	WBOX	LITH	PTS	D/E	SDE	FORM	C4C7	C15+	KER	ARO	SAT	C1C4	TOC	ISO	OIL	R-E	REFL	FLUO	CHRM
		(FT.)	109	200	216	224/6	228	230	312	314	512	514	516	518	520	530	532	534	536	538	540	542	544
EPR NO.																							
96624-A		2500	1														1						
96624-B		2510	1										2				1				1		
96624-C		2520	1														1				1		
BRAND	COUNT		3	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0	2	0	0	0

TABLE 7 - VISUAL KEROGENS

F = Float
M = Matrix

TULAGEAK NO.1

EPR NO.	DEPTH (FT.)	SORC CODE	DATE YYMMDD	CLASS CODE	NUM. METH CODE	TAI		VIS OM BY VOLUME	CONF. LEVEL	PRES. INDEX	PRO- CESS	VIS KER ABBR	VIS KER VAL	NOTES
						ALT. INDEX -EPR-	ALT. INDEX -IOL-							
96624-B	2510	JLMC	871022	EONE	R09	2+	2.3	.00	4	3	F F F F F F M M M M M	ALG? ALGE COAL HERB INDF QUES WOOD ALG? ALGE COAL INDF QUES WOOD	1 6 1 1 4 1 1 1 3	

TABLE 10 - ROCK EVAL PYROLYSIS

ULAGEAK NO.1

EPR NO.	DEPTH (FT.)	GRP SORC	ANAL DATE YYMMDD	ANAL METH	S1 (MG/GRM)	S2 (MG/GRM)	S3 (MG/GRM)	HYDROGEN INDEX	OXYGEN INDEX	TRANSF. RATIO	TEMP. (CENT.)	TOC (PCT) R-E	COMMENTS
96624-B	2510	GEOC	870902	REV3	.15	1.93	1.11	119	68	.07	429	1.62	
96624-C	2520	GEOC	870902	REV3	.12	1.44	1.77	101	124	.08	432	1.42	

PROJECT NUMBER, SAMPLE COUNT, WELLNAME

PROJ NUM.	EPR NO.	DEPTH (FT.)	WELL NAME
25606	96690-A	10640	TUNALIK NO.1
25606	96690-B	10650	TUNALIK NO.1
25606	96690-C	10660	TUNALIK NO.1
25606	96690-D	10670	TUNALIK NO.1

AND COUNT

UNALIK NO.1

SEGMENT COUNT SUMMARY

PAGE 1

EPR NO.	DEPTH (FT.)	WELL	GEOL	WBOX	LITH	PTS	D/E	SDE	FORM	C4C7	C15+	KER	ARO	SAT	C1C4	TOC	ISO	OIL	R-E	REFL	FLUO	CHRM
96690-A	10640	1										2				1			1			
96690-B	10650	1														1			1			
96690-C	10660	1														1			1			
96690-D	10670	1										2				1			1			

AND COUNT

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3 0 0 0

TABLE 7 - VISUAL KEROGENS

*F = Float
M = Matrix*

TUNALIK NO.1

TAL

EPR NO.	DEPTH (FT.)	SORC CODE	DATE YYYYMMDD	CLASS CODE	NUM. METH CODE	ALT. INDEX -EPR-	ALT. INDEX -IOL-	VIS OM BY VOLUME	CONF. LEVEL	PRES. INDEX	PRO-CESS	VIS KER ABBR	VIS KER VAL	NOTES
96690-D	10670	JLMC	871022	EONE	R09	3-	2.7	.00	4	2	F F F	ALG? COAL WOOD	6 1 3	
96690-D	10670	JLMC	871022	EONE	R09	3-	2.7	.00	4	1	M M M M	ALG? COAL INDF WOOD	4 1 3 2	

TABLE 10 - ROCK EVAL PYROLYSIS

PAGE 1

UNALIK NO.1

EPR NO.	DEPTH (FT.)	GRP SORC	ANAL DATE YYMMDD	ANAL METH	S1 (MG/GRM)	S2 (MG/GRM)	S3 (MG/GRM)	HYDROGEN INDEX	OXYGEN INDEX	TRANSF. RATIO	TEMP. (CENT.)	TOC (PCT) R-E	COMMENTS
96690-A	10640	GEOC	870902	REV3	1.09	7.77	5.23	187	126	.12	312	4.15	
96690-C	10660	GEOC	870902	REV3	1.51	11.23	6.17	197	100	.12	317	5.70	
96690-D	10670	GEOC	870902	REV3	1.47	10.79	6.52	207	126	.12	312	5.15	

PROJECT NUMBER, SAMPLE COUNT, WELLNAME

PROJ NUM.	EPR NO.	DEPTH (FT.)	WELL NAME
25606	96635-A	1710	WALAKPA NO.1
25606	96635-B	1740	WALAKPA NO.1

HALAKPA NO.1

SEGMENT COUNT SUMMARY

PAGE 1

EPR NO.	DEPTH (FT.)	WELL	GEOL	WBOX	LITH	PTS	D/E	SDE	FORM	C4C7	C15+	KER	ARO	SAT	C1C4	TOC	ISO	OIL	R-E	REFL	FLUO	CHRM
96635-A	1710	1															1			1		
96635-B	1740	1															1			1		

RAI

TABLE 10 - ROCK EVAL PYROLYSIS

LAKPA NO.1

PR NO.	DEPTH (FT.)	GRP SORC	ANAL DATE YYMMDD	ANAL METH	S1 (MG/GRM)	S2 (MG/GRM)	S3 (MG/GRM)	HYDROGEN INDEX	OXYGEN INDEX	TRANSF. RATIO	TEMP. (CENT.)	TOC (PCT) R-E	COMMENTS
6635-A	1710	GE0C	870902	REV3	.25	5.33	1.08	190	38	.04	428	2.80	
6635-B	1740	GE0C	870902	REV3	.19	6.77	1.19	169	29	.03	430	4.00	

ALL WELLS

TABLE 8 - T.O.C., ISOTOPES, API GRAVITY

PROJECT NUM. 25606

EPR NO.	DEPTH (FT.)	T.O.C. (PCT)	C13/C12 TOM (ORGANIC)	C13/12 SAT (ORGANIC)	C13/12 ARO (ORGANIC)	C13/12 NSO (ORGANIC)	C13/12 ASTN (ORGANIC)	C13/12 CARBONATE	API GRAVITY	SULFUR
96833-A	620	.80								
96833-B	650	.84								
96833-C	1040	.88								
96833-D	1070	1.52								
96833-E	1130	1.44								
96833-F	1160	1.64								
96833-G	1190	1.64								
96833-H	1220	1.64								
96833-I	1250	.92								
96833-J	6710	3.30								
96833-K	6720	2.10								
96833-L	6730	4.30								
96833-M	6740	5.40								
96833-N	6750	5.10								
96833-O	6760	3.60								
96833-P	6770	3.60								
96833-Q	6790	3.70								
96833-R	6800	3.00								
96833-S	6910	1.90								
96833-T	6920	1.80								
96844-A	6930	1.34								
96844-B	6940	1.25								
96844-C	6950	.76								
96844-D	6960	1.01								
96844-F	7080	22.00								
96844-G	7090	24.13								
96844-H	7100	5.28								
96844-I	7110	27.96								
96844-J	7120	24.03								
96844-K	7130	27.82								
96844-L	7140	25.86								
96844-M	7240	5.10								
96844-N	7250	2.66								
96844-O	7260	.87								
96602-A	540	1.18								
96602-B	570	1.26								
96602-C	720	2.06								
96602-D	750	1.29								
96602-E	810	1.19								
96602-F	840	1.14								
96602-G	870	1.19								
96602-H	900	1.19								
96602-I	1020	1.19								
96602-J	1050	1.12								
96602-K	1080	1.22								
96602-L	6330	1.33								
96602-M	6360	1.40								
96602-N	6390	2.09								

TABLE 8 - T.O.C., ISOTOPES, API GRAVITY

PAGE 2

PROJECT NUM. 25606

EPR NO.	DEPTH (FT.)	T.O.C. (PCT)	C13/C12 TOM (ORGANIC)	C13/12 SAT (ORGANIC)	C13/12 ARO (ORGANIC)	C13/12 NSO (ORGANIC)	C13/12 ASTN (ORGANIC)	C13/12 CARBONATE	API GRAVITY	SULFUR
96602-O	6420	2.02								
96602-P	6450	2.75								
96602-Q	6480	2.99								
96602-R	6540	2.83								
96602-S	6550	2.64								
96602-T	6580	2.56								
96613-A	6590	1.75								
96613-B	6630	.54								
96613-C	6860	.73								
96613-D	6890	1.50								
96613-E	6920	1.55								
96613-F	6950	1.20								
96613-G	7210	5.25								
96613-H	7230	4.00								
96613-I	7250	6.15								
96613-J	7280	11.75								
96613-K	7290	4.85								
96613-L	7320	24.70								
96756-A	130	1.00								
96756-B	190	.90								
96756-C	6370	1.00								
96756-D	6410	1.70								
96756-E	6440	1.90								
96756-F	6480	1.90								
96756-G	6520	2.20								
96756-U	6520	1.70								
96756-H	6600	1.90								
96756-I	6630	1.60								
96756-J	6650	1.60								
96756-K	6660	1.90								
96756-L	6690	1.70								
96756-M	6720	1.40								
96756-N	6740	1.50								
96756-O	6755	1.00								
96756-P	6795	.90								
96756-Q	6800	.80								
96756-R	6805	.90								
96756-S	6810	.70								
96756-T	6815	1.30								
96767-A	6820	.20								
96767-B	6825	1.30								
96767-C	7210	3.90								
96767-D	7230	5.80								
96767-E	7240	2.20								
96767-F	7260	1.40								
96767-G	7280	1.00								
96767-H	7290	.80								
96767-I	7300	.90								

TABLE 8 - T.O.C., ISOTOPES, API GRAVITY

PAGE 3

PROJECT NUM. 25606

EPR NO.	DEPTH (FT.)	T.O.C. (PCT)	C13/C12 TOM (ORGANIC)	C13/12 SAT (ORGANIC)	C13/12 ARO (ORGANIC)	C13/12 NSO (ORGANIC)	C13/12 ASTN (ORGANIC)	C13/12 CARBONATE	API GRAVITY	SULFUR
96767-J	7310	.70								
96767-K	7320	.70								
96855-A	7240	1.61								
96855-B	7250	2.35								
96855-C	7260	1.82								
96855-D	7270	1.90								
96855-E	7280	1.94								
96855-F	7290	1.86								
96855-G	7300	1.88								
96855-H	7310	1.93								
96855-I	7320	2.20								
96855-J	7330	1.89								
96855-K	7340	2.09								
96855-L	8260	1.27								
96855-M	8290	1.35								
96855-N	8320	1.37								
96855-O	8350	1.26								
96855-P	8380	1.90								
96855-Q	8410	4.59								
96855-R	8440	29.74								
96855-S	8470	1.38								
96855-T	8500	1.53								
96866-A	8530	4.61								
96866-B	8560	1.65								
96866-C	8590	1.57								
96866-D	8620	1.76								
96866-E	8660	1.64								
96866-F	8700	3.12								
96866-G	8730	1.75								
96866-H	8760	1.70								
96866-I	8790	1.99								
96866-J	8820	2.10								
96866-K	8850	3.82								
96866-L	8880	3.73								
96866-M	8910	3.31								
96866-N	8940	2.41								
96866-O	8970	1.63								
96866-P	9000	2.61								
96866-Q	9030	2.30								
96866-R	9040	3.34								
96866-S	9700	2.37								
96866-T	9750	1.76								
96877-A	9780	2.14								
96877-B	9800	1.43								
96877-C	9810	1.40								
96877-D	9820	1.46								
96877-E	9830	1.37								
96877-F	9840	1.38								

TABLE 8 - T.O.C., ISOTOPES, API GRAVITY

PROJECT NUM. 25606

EPR NO.	DEPTH (FT.)	T.O.C. (PCT)	C13/C12 TOM (ORGANIC)	C13/12 SAT (ORGANIC)	C13/12 ARO (ORGANIC)	C13/12 NSO (ORGANIC)	C13/12 ASTN (ORGANIC)	C13/12 CARBONATE	API GRAVITY	SULFUR
96877-G	9850	1.58								
96811-A	1280	.36								
96811-B	1310	.68								
96811-C	1340	.64								
96811-D	1370	.76								
96811-E	1400	.48								
96811-F	1430	1.36								
96811-G	1460	1.88								
96811-H	1490	1.16								
96811-I	1580	1.48								
96811-J	1610	1.16								
96811-K	1640	1.52								
96811-L	1670	.48								
96811-M	1700	1.36								
96811-N	1730	1.40								
96811-O	1760	.72								
96811-P	1790	.84								
96811-Q	9050	1.70								
96811-R	9060	2.00								
96811-S	9070	2.50								
96811-T	9080	2.70								
96822-A	9090	3.00								
96822-B	9100	3.00								
96822-C	9110	3.00								
96822-D	9120	3.00								
96822-E	9130	2.90								
96822-F	10110	1.50								
96822-G	10120	1.40								
96822-H	10130	1.50								
96822-I	10140	1.20								
96822-J	10150	1.40								
96822-K	10160	1.30								
96822-L	10170	1.60								
96822-M	10180	1.30								
96822-N	10190	1.30								
96822-O	10200	1.30								
96822-P	10210	1.30								
96822-Q	10220	1.20								
96822-R	10230	1.30								
96822-S	10240	1.40								
96822-T	10250	1.45								
96822-U	10260	1.79								
96657-A	2010	.39								
96657-B	2040	.52								
96657-C	2070	.50								
96657-D	2100	.50								
96657-E	2130	.58								
96657-F	2160	.84								

TABLE 8 - T.O.C., ISOTOPES, API GRAVITY

ROJECT NUM. 25606

EPR NO.	DEPTH (FT.)	T.O.C. (PCT)	C13/C12 TOM (ORGANIC)	C13/12 SAT (ORGANIC)	C13/12 ARO (ORGANIC)	C13/12 NSO (ORGANIC)	C13/12 ASTN (ORGANIC)	C13/12 CARBONATE	API GRAVITY	SULFUR
96657-G	2190	.44								
96657-H	2220	.60								
96657-I	2250	.39								
96657-J	2280	.54								
96657-K	2310	.64								
96657-L	2340	.66								
96657-M	2370	.63								
96657-N	2400	.74								
96657-O	2430	.42								
96657-P	2460	.76								
96657-Q	7490	1.85								
96657-R	7500	1.65								
96657-S	7510	1.85								
96657-T	7520	1.85								
96668-A	7540	1.60								
96668-B	7550	1.50								
96668-C	7560	2.75								
96668-D	7570	3.35								
96668-E	7580	2.75								
96668-F	7590	2.95								
96701-A	6900	8.82								
96701-B	6910	7.40								
96701-C	6920	6.50								
96701-D	6930	8.70								
96701-E	6940	14.20								
96701-F	6950	3.00								
96701-G	6960	2.80								
96701-H	6970	33.90								
96701-I	6980	6.50								
96734-A	4650	2.40								
96734-B	4660	3.30								
96734-C	4670	2.60								
96734-D	4680	2.20								
96734-E	4690	1.90								
96734-F	4700	1.90								
96734-G	4710	1.50								
96734-H	5180	1.70								
96734-I	5190	1.50								
96734-J	5200	1.50								
96734-K	5210	1.20								
96734-L	5220	.90								
96734-M	5230	.80								
96734-N	5240	.90								
96734-O	5250	.70								
96734-P	5260	.80								
96734-Q	5270	.90								
96734-R	5280	.80								
96734-S	5290	.90								

TABLE 8 - T.O.C., ISOTOPES, API GRAVITY

PROJECT NUM. 25606

EPR NO.	DEPTH (FT.)	T.O.C. (PCT)	C13/C12 TOM (ORGANIC)	C13/12 SAT (ORGANIC)	C13/12 ARO (ORGANIC)	C13/12 NSO (ORGANIC)	C13/12 ASTN (ORGANIC)	C13/12 CARBONATE	API GRAVITY	SULFUR
96734-T	5300	.90								
96745-A	5310	.90								
96745-B	6360	.36								
96745-C	6370	.40								
96745-D	6380	.80								
96745-E	6480	.76								
96745-F	6490	.76								
96778-A	7400	1.20								
96778-B	7410	1.30								
96778-C	7420	1.50								
96778-D	7430	2.00								
96778-E	7460	2.80								
96778-F	7470	2.10								
96778-G	7490	1.50								
96778-H	7510	1.80								
96778-I	8060	1.60								
96778-J	8070	1.50								
96778-K	8090	1.50								
96778-L	8100	1.50								
96778-M	8150	1.20								
96778-N	9840	3.40								
96778-O	9850	3.40								
96778-P	9870	3.40								
96778-Q	9880	3.60								
96778-R	9890	2.80								
96778-S	10010	2.80								
96778-T	10020	3.00								
96789-A	10030	2.60								
96789-B	10040	3.20								
96789-C	10050	4.20								
96789-D	10060	3.60								
96789-E	10110	3.40								
96789-F	10120	2.80								
96789-G	10130	2.20								
96789-H	10140	2.00								
96789-I	10150	2.00								
96789-J	10160	1.90								
96789-K	10170	1.80								
96646-A	7228	.90								
96646-B	7391	.95								
96646-C	7392	.60								
96646-D	7393	1.10								
96646-E	7394	.80								
96646-F	7395	.95								
96723-A	6210	1.00								
96723-B	6225	2.60								
96723-C	6240	2.00								
96723-D	6255	1.80								

TABLE 8 - T.O.C., ISOTOPES, API GRAVITY

ROJECT NUM. 25606

EPR NO.	DEPTH (FT.)	T.O.C. (PCT)	C13/C12 TOM (ORGANIC)	C13/12 SAT (ORGANIC)	C13/12 ARO (ORGANIC)	C13/12 NSO (ORGANIC)	C13/12 ASTN (ORGANIC)	C13/12 CARBONATE	API GRAVITY	SULFUR
96723-E	6270	1.90								
96723-F	6285	2.00								
96723-G	6300	1.70								
96723-H	6315	1.80								
96723-I	6330	2.00								
96723-J	6345	2.20								
96712-A	6490	1.60								
96712-B	6500	1.70								
96712-C	6510	2.40								
96712-D	6520	1.50								
96712-E	6530	1.50								
96712-F	6540	2.20								
96712-G	6550	1.05								
96712-H	6560	1.50								
96712-I	6570	1.20								
96712-J	6580	1.00								
96712-K	6580	1.40								
96712-L	6600	1.30								
96624-A	2500	1.44								
96624-B	2510	1.62								
96624-C	2520	1.42								
96690-A	10640	4.15								
96690-B	10650	3.60								
96690-C	10660	5.70								
96690-D	10670	5.15								
96635-A	1710	2.80								
96635-B	1740	4.00								
96679-A	2930	2.55								
96679-B	2940	1.30								