

BLACKSPUR OIL CORP.
BLACKSPUR LEDUC-WB 16-5-50-1 W5M
LSD 100/16-05-050-01W5/00

File No. : 52131-17-00076

Field : LEDUC-WOODBEND
Province : ALBERTA
License :

Formation : SPARKY
Coring Equip : ALUMINUM SLEEVE
Coring Fluid : WATER BASE MUD

Date : 2017-09-22
Analysts : DJD
Core Dia : 100 mm

CORE ANALYSIS FINAL RESULTS

SAMPLE NUMBER	DEPTH m	INTVL REP m	SAMPLE LENGTH m	PERMEABILITY			CAPACITY (MAXIMUM) Kair mD-m	POROSITY (HELIUM) fraction	CAPACITY (HELIUM) ø-m	BULK DENSITY kg/m3	GRAIN DENSITY kg/m3	SATURATION (PORE VOLUME)		COMMENTS	
				(MAXIMUM) Kair mD	(90 DEG) Kair mD	(VERTICAL) Kair mD						OIL frac	WATER frac		
CORE NO.1 1342.50 - 1374.50 m (CORE RECEIVED 31.75 m) (32 BOXES)															
NA	1342.50- 1344.96	2.46												ss	
FD	1	1344.96- 1345.26	0.30	0.14	0.09	0.08	<0.01	0.027	0.062	0.019	2530	2700	0.161	0.624	ss vf f pyr
NA	1345.26- 1345.96	0.70												ss	
FD	2	1345.96- 1346.26	0.30	0.14	0.42	0.42	0.02	0.126	0.077	0.023	2470	2670	0.312	0.484	ss vf f pyr
NA	1346.26- 1347.10	0.84												ss	
FD	3	1347.10- 1347.40	0.30	0.11	0.39	0.39	0.02	0.117	0.081	0.024	2460	2670	0.311	0.364	ss vf f pyr
NA	1347.40- 1348.62	1.22												ss	
FD	4	1348.62- 1348.92	0.30	0.13	0.53	0.51	0.13	0.159	0.083	0.025	2470	2690	0.324	0.251	ss vf f pyr
NA	1348.92- 1350.05	1.13												ss	
FD	5	1350.05- 1350.35	0.30	0.12	0.49	0.48	0.15	0.147	0.097	0.029	2390	2650	0.297	0.165	ss vf f
NA	1350.35- 1350.95	0.60												ss	
FD	6	1350.95- 1351.25	0.30	0.13	1.63	1.63	0.54	0.489	0.111	0.033	2340	2630	0.324	0.137	ss vf f m
NA	1351.25- 1351.72	0.47												ss	
FD	7	1351.72- 1352.02	0.30	0.14	1.06	1.03	0.43	0.318	0.104	0.031	2360	2630	0.371	0.205	ss vf f m
FD	8	1352.02- 1352.39	0.37	0.15	1.46	1.38	0.34	0.540	0.103	0.038	2350	2630	0.254	0.220	ss vf f m
FD	9	1352.39- 1352.69	0.30	0.12	0.60	0.59	0.32	0.180	0.098	0.030	2370	2630	0.362	0.180	ss vf f m
NA	1352.69- 1353.21	0.52												ss	
FD	10	1353.21- 1353.50	0.29	0.12	1.43	1.43	0.45	0.415	0.105	0.031	2350	2620	0.208	0.257	ss vf f m
NA	1353.50- 1353.89	0.39												ss	

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					(MAXIMUM) Kair mD	(90 DEG) Kair mD	(VERTICAL) Kair mD						OIL frac	WATER frac	
FD	11	1353.89- 1354.14	0.25	0.14	0.52	0.52	0.20	0.130	0.089	0.022	2410	2640	0.384	0.181	ss vf f m
NA		1354.14- 1354.65	0.51												ss
FD	12	1354.65- 1354.93	0.28	0.14	0.79	0.79	0.26	0.221	0.105	0.029	2400	2690	0.455	0.158	ss vf f m carb lam
NA		1354.93- 1355.07	0.14												ss
FD	13	1355.07- 1355.35	0.28	0.16	1.22	1.22	0.62	0.342	0.097	0.027	2380	2640	0.377	0.133	ss vf f m
NA		1355.35- 1357.43	2.08												ss
FD	14	1357.43- 1357.73	0.30	0.14	11.0	10.9	8.44	3.300	0.134	0.040	2350	2720	0.415	0.140	ss vf f m
FD	15	1357.73- 1358.16	0.43	0.13	0.11	0.07	<0.01	0.047	0.040	0.017	2610	2720	0.299	0.409	ss vf f calc
NA		1358.16- 1359.00	0.84												ss
FD	16	1359.00- 1359.33	0.33	0.13	1.22	1.02	0.27	0.403	0.095	0.031	2470	2730	0.447	0.272	ss vf f m lam
NA		1359.33- 1360.49	1.16												ss
FD	17	1360.49- 1360.79	0.30	0.12	0.91	0.68	0.39	0.273	0.099	0.030	2440	2710	0.262	0.269	ss vf f m
NA		1360.79- 1361.96	1.17												ss
FD	18	1361.96- 1362.31	0.35	0.16	0.04	0.04	0.01	0.014	0.036	0.013	2600	2700	0.340	0.504	ss vf f calc
NA		1362.31- 1362.48	0.17												ss
FD	19	1362.48- 1362.74	0.26	0.13	1.08	1.04	0.52	0.281	0.091	0.024	2400	2640	0.412	0.259	ss vf f m
NA		1362.74- 1362.94	0.20												ss
FD	20	1362.94- 1363.24	0.30	0.15	1.42	1.42	0.72	0.426	0.099	0.030	2370	2630	0.490	0.181	ss vf f m
NA		1363.24- 1363.80	0.56												ss
FD	21	1363.80- 1364.10	0.30	0.13	1.79	1.79	0.96	0.537	0.105	0.032	2350	2630	0.520	0.129	ss vf f m
NA		1364.10- 1364.20	0.10												ss

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					(MAXIMUM) Kair mD	(90 DEG) Kair mD	(VERTICAL) Kair mD						OIL frac	WATER frac	
FD	22	1364.20- 1364.50	0.30	0.14	2.85	2.82	1.12	0.855	0.106	0.032	2350	2630	0.538	0.114	ss vf f m
NA		1364.50- 1365.33	0.83												ss
FD	23	1365.33- 1365.63	0.30	0.13	3.71	3.21	0.83	1.113	0.101	0.030	2340	2610	0.522	0.160	ss vf f m c
NA		1365.63- 1365.83	0.20												ss
FD	24	1365.83- 1366.13	0.30	0.13	2.16	2.16	0.99	0.648	0.097	0.029	2400	2650	0.466	0.121	ss vf f m c carb lam
NA		1366.13- 1366.62	0.49												ss
FD	25	1366.62- 1366.92	0.30	0.13	3.25	1.92	*	0.975	0.092	0.028	2410	2660	0.461	0.192	ss vf f m calc carb lam vfrac
NA		1366.92- 1367.48	0.56												ss
FD	26	1367.48- 1367.78	0.30	0.16	0.35	0.33	0.12	0.105	0.085	0.026	2410	2630	0.542	0.166	ss vf f
NA		1367.78- 1368.68	0.90												ss
FD	27	1368.68- 1368.98	0.30	0.12	0.44	0.39	0.14	0.132	0.092	0.028	2380	2620	0.448	0.292	ss vf f
NA		1368.98- 1369.58	0.60												ss
FD	28	1369.58- 1369.88	0.30	0.16	0.30	0.28	0.07	0.090	0.078	0.023	2460	2670	0.421	0.272	ss vf f
NA		1369.88- 1370.81	0.93												ss
FD	29	1370.81- 1371.11	0.30	0.16	0.44	0.36	0.10	0.132	0.086	0.026	2420	2650	0.463	0.216	ss vf f carb lam
NA		1371.11- 1374.25	3.14												ss
LC		1374.25- 1374.50	0.25												Lost core