

# MAR 19680035: NORTHERN ALBERTA

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**CREST LABORATORIES LTD.**B.C. REGISTERED ASSAYERS  
INDUSTRIAL and RESEARCH CHEMISTS7911 ARGYLL ROAD  
EDMONTON, ALBERTA

February 16, 1968.

Hudson's Bay Oil & Gas Co. Ltd.,  
320 Seventh Avenue, S.W.,  
Calgary, Alberta.**ECONOMIC MINERALS**

FILE REPORT No.

S-AF-019(2)  
S-AF-025(2)  
S-AF-026(2)  
S-AF-027(2)

Attention: Mr. R. Elliott.

Lab No. 266Sampled by: Can West #4

<u>Sample Number</u>	<u>Carbon Disulphide Extractables (for sulphur)</u>	<u>Sample Number</u>	<u>Carbon Disulphide Extractables (for sulphur)</u>
3-509 0' - 10'	0.1	9-294 0' - 10'	nil
3-518 0' - 10'	nil	9-34 0' - 10'	nil
3-529 0' - 10'	nil	9-302 0' - 10'	nil
3-540 Top	0.4	9-311 Top	nil
3-548 Top	0.1	9-319 0' - 10'	nil
3-356 Top	0.3	9-324 0' - 10'	0.1
5-367 Top	0.2	9-333 0' - 10'	0.1
5-375 0' - 10'	nil	9-339 0' - 10'	0.3
5-383 Top	nil	9-347 0' - 10'	0.4
5-390 Top	nil	18-244 0' - 10'	0.1
5-404 0' - 10'	nil	271 0' - 10'	0.3
5-412 Top	nil	277 0' - 10'	0.1
5-424 Top	nil	290 0' - 10'	0.2
5-432 0' - 10'	nil	304 0' - 10'	0.2
5-440 Top	nil	310 0' - 10'	0.7
5-444 Top	nil	317 0' - 10'	nil
7-562 Top	1.8	326 0' - 10'	0.4
9-200 0' - 10'	0.3	332 0' - 10'	0.5
9-227 Top	0.3	340 0' - 10'	0.6
9-285 Top	nil	345 0' - 10'	0.4

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INDEXING DOCUMENT NO. 700318 700334  
700320 700337

Hudson's Bay Gas & Oil Co. Ltd.

February 16, 1968.

Lab No. 266, cont'd.

Sampled by: Can West #4

<u>Sample Number</u>	<u>Carbon Disulphide Extractables (for sulphur)</u>	<u>Sample Number</u>	<u>Carbon Disulphide Extractables (for sulphur)</u>
360 0' - 10'	0.1	532 0' - 10'	nil
366 0' - 10'	0.1	539 0' - 10'	0.3
376 0' - 10'	0.1	550 0' - 10'	0.1
391 0' - 10'	0.2	556 0' - 10'	0.1
399 0' - 10'	nil	570 0' - 10'	;nil
417 0' - 10'	nil	578 0' - 10'	0.1
425 0' - 10'	nil	585 0' - 10'	0.3
506 0' - 10'	0.1	594 0' - 10'	0.1
514 0' - 10'	0.1	602 0' - 10'	0.1
522 0' - 10'	0.1		

Yours very truly,  
CREST LABORATORIES LTD.

  
R. Sawyer,  
Chemist.

RS/bb

# CREST LABORATORIES LTD.

B.C. REGISTERED ASSAYERS  
INDUSTRIAL and RESEARCH CHEMISTS

7911 ARGYLL ROAD  
EDMONTON, ALBERTA

March 19, 1968.

Hudson's Bay Oil & Gas Co. Ltd.,  
320 Seventh Avenue, S.W.,  
Calgary, Alberta.

Attention: Mr. R. Elliott.

\*Organic matter by inspection.

Lab No. \_\_\_\_\_ Sampled by: Can West #4

<u>Client Number</u>	<u>Carbon Disulphide Extractables (for sulphur)</u>	<u>Client Number</u>	<u>Carbon Disulphide Extractables (for sulphur)</u>
12 0' - 10'	0.2	234 10'	0.2
26 0' - 10'	0.1	246 10'	0.1
34 0' - 10'	0.1	283 0' - 10'	0.1
40 0' - 10'	0.1	384 10'	0.1
48 0' - 10'	nil	441 0' - 10'	0.2
56 10'	nil	453 0' - 10'	0.3
72 10'	0.1	464 0' - 10'	0.2
*80 10'	1.27	603 0' - 10'	0.2
87 0' - 10'	0.2	622 0' - 10'	0.3
100 10'	0.2	630 0' - 10'	0.2
108 10'	0.1	653 0' - 10'	0.4
136 0' - 10'	0.3	656 0' - 10'	0.5
144 0' - 10'	0.2	665 0' - 10'	0.4
145 0' - 10'	0.6	669 0' - 10'	0.3
149 0' - 10'	0.1	675 0' - 10'	0.2
154 0' - 10'	1.0	682 0' - 10'	nil
158 0' - 10'	0.1	689 0' - 10'	0.2
202 0' - 10'	0.3	701 0' - 10'	nil
215 0' - 10'	nil	709 0' - 10'	nil
222 0' - 10'	0.4	715 10'	0.1

cont'd on page two.....

Lab. No. 291, cont'd.

Sampled by: Can West #4

March 19, 1968.

<u>Client Number</u>	<u>Carbon Disulphide Extractables (for sulphur)</u>	<u>Client Number</u>	<u>Carbon Disulphide Extractables (for sulphur)</u>
744	0' - 10'	1235	10'
779	0' - 10'	1243	10'
760	0' - 10'	*1-724	0' - 10'
793	0' - 10'	1-748	10'
795	0' - 10'	1-750	top
810	0' - 10'	1-758	top
815	0' - 10'	1-773	top
818	0' - 10'	3-213	top
901	0' - 10'	*3-223	top
908	10'	3-437	10'
932	10'	3-449	10'
956	10'	3-1056	top
*967	10'	5-01	
978	0' - 10'	5-6	0' - 10'
991	0' - 10'	5-14	10'
*997	0' - 10'	*5-023	0' - 10'
1027	10'	5-37	
1054	0' - 10'	5-43	10'
1072	0' - 10'	5-63	
1082	0' - 10'	5-81	
1089	0' - 10'	5-452	0' - 10'
1094	0' - 10'	5-464	10'
1106	0' - 10'	5-472	10'
1113	0' - 10'	*5-480	10'
1123	0' - 10'	5-488	10'
1135	0' - 10'	5-496	10'
1163	0' - 10'	5-505	10'
1171	0' - 10'	5-801	10'
1204	0' - 10'	5-807	10'
1222	0' - 10'	5-830	0' - 10'
		5-834	0' - 10'

\* Organic matter by inspection.

cont'd on page three....

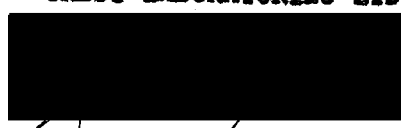
<u>Client Number</u>		<u>Carbon Disulphide Extractables (for sulphur)</u>	<u>Client Number</u>		<u>Carbon Disulphide Extractables (for sulphur)</u>
7-35	10'	0.3	11-228	nil	0.2
7-43	10'	nil	11-243	nil	0.7
7-208	top	0.3	11-252	top	0.4
7-214	top	nil	11-266	10'	0.4
*7-223	top	0.5	11-389	10'	0.1
7-586	top	0.1	11-448	top	0.1
7-593	top	0.2	11-460	nil	0.1
7-603	top	nil	11-472	nil	nil
7-615	0' - 10'	0.2	11-484	10'	nil
7-638	top	nil	11-494	10'	0.3
7-642	top	0.1	11-508	10'	0.1
7-650	top	0.3	11-518	10'	0.3
7-690	10'	0.2	13-399	10'	nil
7-699	10'	0.2	13-411	nil	nil
7-1151	10'	nil	13-423	10'	0.1
7-1159	10'	0.1	13-434	nil	nil
7-1172	0' - 10'	0.1	13-470	top	0.3
7-1179	nil	nil	13-542	10'	nil
7-1187	nil	nil	15-340	nil	nil
7-1195	nil	nil	15-352	10'	nil
7-1209	10'	nil	15-364	10'	0.2
7-1217	10'	nil	15-376	10'	0.1
9-165	top	nil	*20-720	0' - 10'	1.9
9-173	top	nil	20-733	top	0.4
9-180	top	nil	20-755	top	nil
9-195	10'	0.1	20-769	top	0.4
9-206	10'	0.1	20-902	top	0.1
9-230	10'	0.1	22-939	10'	nil
9-265	10'	nil	22-947	10'	nil
9-1235	nil	0.2	22-963	10'	nil
11-22	10'	0.1	*22-970	10'	1.3
*11-216	top	0.8	22-987	10'	NIL

\*Organic matter by inspection.

CONT'D ON PAGE FOUR.....

<u>Client Number</u>		<u>Carbon Disulphide Extractables (for sulphur)</u>	<u>Client Number</u>		<u>Carbon Disulphide Extractables (for sulphur)</u>
22-990	10'	0.2	28-43	top	0.1
22-1003	10'	nil	28-55	top	0.1
22-1010	10'	nil	28-67	top	0.3
24-344	10'	0.4	28-79	top	0.2
*24-356	0' - 10'	1.4	28-86	top	0.1
24-380	10'	0.1	28-93	10'	0.5
24-393	10'	0.1	28-102	top	0.2
24-1074	10'	nil	28-114	top	nil
24-1098	10'	nil	28-116	top	nil
24-1112	10'	0.1	28-122	top	nil
24-1126	10'	0.1	28-125	top	0.1
24-1149	10'	nil	28-129	top	0.3
24-1186	10'	nil	28-132	top	nil
*26-1	top	1.5	28-140	top	nil
26-7	10'	0.1	30-70	nil	0.2
26-10	10'	0.1	30-335	top	0.1
26-28	10'	0.1	30-347	10'	0.1
26-71	top	0.3	30-359	10'	0.1
*26-86	top	0.6	30-372	nil	0.1
26-88	10'	0.1	30-418	10'	0.1
26-96	10'	0.1	30-430	10'	nil
26-105	10'	nil	30-451	10'	nil
26-113	10'	0.1			
26-137	10'	nil			
26-145	0' - 10'	nil			
26-153	top	0.1			
26-478	10'	nil			
*26-484	top	1.5			
26-486	10'	0.2			
26-492	10'	nil			
26-497	10'	nil			
26-588	10'	0.6			
26-600	10'	0.4			

Yours very truly,  
 CREST LABORATORIES LTD.



R. Sawyer,  
 Chemist.

\*Organic matter by inspection.

# CREST LABORATORIES LTD.

B.C. REGISTERED ASSAYERS  
INDUSTRIAL and RESEARCH CHEMISTS

7911 ARGYLL ROAD  
EDMONTON, ALBERTA

March 28, 1968.

Hudson's Bay Oil & Gas Co. Ltd.,  
320 Seventh Avenue, S.W.,  
Calgary, Alberta.

Attention: Mr. R. Elliott.

\* Organic material by  
inspection.

Lab No. 306      Sampled by: Can-West #4

Client Number	Carbon Disulphide Extractables (for sulphur)	Client Number	Carbon Disulphide Extractables (for sulphur)
296	0' - 10'	11-278	10'
500	0' - 10'	11-289	top
515	0' - 10'	11-314	10'
727	0' - 10'	11-768	---
757	0' - 10'	11-781	10'
1259	0' - 10'	11-1254	top
1278	0' - 10'	11-1266	---
1362	0' - 10'	11-1276	---
1420	0' - 10'	11-1288	10'
1433	0' - 10'	11-1298	10'
1467	0' - 10'	11-1423	10'
1517	0' - 10'	11-1447	top
1562	0' - 10'	11-1458	10'
1588	0' - 10'	13-460	10'
*1613	0' - 10'	✓13-482	top
1760	0' - 10'	13-490	top
9-1500	top	13-514	top
9-1512	top	13-526	10'
9-1524	---	13-553	top
9-1533	---	13-563	top
9-1546	---	13-1250	top
11 - 71	---	15-721	0' - 10'

cont'd on page two.....



Job No. 306, cont'd. Sampled by: Can-West #4

March 28, 1968.

<u>Client Number</u>		<u>Carbon Disulphide Extractables (for sulphur)</u>	<u>Client Number</u>		<u>Carbon Disulphide Extractables (for sulphur)</u>
*15-733	top	0.1	32-1703	10'	0.1
15-756	0' - 10'	0.2	*32-1719	top	1.0
22-1350	10'	nil	36-1632	10'	nil
22-1364	top	nil	36-1644	10'	0.1
22-1376	10'	nil	36-1659	10'	nil
22-1392	10'	0.2	36-1720	10'	0.1
22-1401	10'	0.1	36-1732	10'	0.1
23-1578	10'	0.1	36-1743	10'	0.1
24-618	0' - 10'	0.2	36-1754	10'	nil
24-632	10'	0.1	37-1772	10'	nil
24-652	top	0.1	37-1783	10'	0.2
24-664	10'	0.3	37-1796	10'	0.1
24-712	top	0.2	*37-1808	10'	0.7
24-1300	10'	0.2	*37-1832	10'	0.4
24-1312	10'	0.3	*37-1847	10'	0.5
32-1514	10'	0.3	*37-1871	10'	0.3
32-1541	10'	0.3	40-847	10'	0.1
32-1551	10'	0.4	40-859	10'	0.1
32-1563	10'	0.1	40-871	10'	0.3
32-1576	10'	0.3	40-891	10'	0.2
32-1600	10'	0.3	40-1006	10'	0.1
32-1624	---	0.2	40-1014	10'	0.1
32-1635	10'	0.2	40-1068	10'	0.3
32-1694	10'	nil	40-1090	10'	0.2

\* Organic material by inspection.

Yours very truly,  
CREST LABORATORIES LTD.

  
R. Sawyer/  
Chemist.

RS/bb

# CREST LABORATORIES LTD.

B.C. REGISTERED ASSAYERS  
INDUSTRIAL and RESEARCH CHEMISTS

7911 ARGYLL ROAD  
EDMONTON, ALBERTA

April 5, 1958.

Hudson's Bay Oil & Gas Co. Ltd.,  
320 Seventh Avenue, S.W.,  
Calgary, Alberta.

Attention: Mr. R. Elliott.

Lab No. 323      Sampled by: Can-West #4

Please Note:    \* Organic material by inspection.  
                     \*\* Sulphur determined by extraction and oxidation = 0.03%

Client Number	Carbon Disulphide Extractables (for sulphur)	Client Number	Carbon Disulphide Extractables (for sulphur)
1003	0' - 10'	9-1428	10'      0.2
1016	0' - 10'	9-1488	10'      0.2
1323	0' - 10'	11-1342	0.3
1351	0' - 10'	13-1	10'      0.3
1552	0' - 10'	13-17	10'      0.2
1793	0' - 10'	13-28	10'      0.5
1814	0' - 10'	13-40	10'      0.2
1854	0' - 10'	13-53	10'      0.3
1863	0' - 10'	13-74	10'      0.2
1886	0' - 10'	13-85	10'      0.2
1893	0' - 10'	13-97	10'      0.4
1910	0' - 10'	14-127	10'      nil
1922	0' - 10'	14-139	10'      0.3
1934	0' - 10'	22-1412	10'      0.1
2034	0' - 10'	*34-2027	10'      1.00
2060	0' - 10'	34-2040	10'      0.3
2067	0' - 10'	34-2052	10'      0.2
2082	0' - 10'	*34-2076	10'      1.1
2126	0' - 10'	**34-2098	10'      1.0
2136	0' - 10'	34-2128	10'      0.1
2190	0' - 10'	34-2140	10'      0.3

cont'd on page two.....

Wilson's Bay Oil & Gas Co. Ltd.  
Attention: Mr. R. Elliott.

Lab No. 323, cont'd. Sampled by: Can-West #4

April 5, 1968.

Client Number		Carbon Disulphide Extractables (For sulphur)	Client Number		Carbon Disulphide Extractables (for sulphur)
34-2159	10'	*1.1	41-2119	10'	0.7
36-1658	10'	0.2	41-2165	10'	0.3
37-1861	10'	0.1	41-2181	10'	0.3
40-834	10'	0.3	42-1841	10'	**1.0
40-845	10'	0.2	42-1841	10'	**1.0
40-891	10'	0.4	42-1958	10'	**1.25
40-1892	10'	0.4	42-1970	10'	*0.9
41-1314	10'	0.2	42-2005	10'	0.3
41-1329	10'	*1.0	42-2017	10'	0.1
41-1337	10'	**2.1	42-2025	10'	**1.3
41-1565	10'	0.4	42-2051	10'	0.4
41-1765	10'	0.3	42-2067	10'	0.1
41-1901	10'	1.3	47-1966	10'	0.6
41-2107	10'	0.4	47-2027	10'	0.3

PLEASE NOTE: \* Organic matter by inspection.

\*\* Sulphur determined by extraction and oxidation = 0.03%

Yours very truly,

CREST LABORATORIES LTD.

R. Sawyer,  
Chemist.

RS/bb