

MAR 19670007: WABAMUN

Received date: Dec 31, 1967

Public release date: Jan 01, 1969

DISCLAIMER

By accessing and using the Alberta Energy website to download or otherwise obtain a scanned mineral assessment report, you ("User") agree to be bound by the following terms and conditions:

- a) Each scanned mineral assessment report that is downloaded or otherwise obtained from Alberta Energy is provided "AS IS", with no warranties or representations of any kind whatsoever from Her Majesty the Queen in Right of Alberta, as represented by the Minister of Energy ("Minister"), expressed or implied, including, but not limited to, no warranties or other representations from the Minister, regarding the content, accuracy, reliability, use or results from the use of or the integrity, completeness, quality or legibility of each such scanned mineral assessment report;
- b) To the fullest extent permitted by applicable laws, the Minister hereby expressly disclaims, and is released from, liability and responsibility for all warranties and conditions, expressed or implied, in relation to each scanned mineral assessment report shown or displayed on the Alberta Energy website including but not limited to warranties as to the satisfactory quality of or the fitness of the scanned mineral assessment report for a particular purpose and warranties as to the non-infringement or other non-violation of the proprietary rights held by any third party in respect of the scanned mineral assessment report;
- c) To the fullest extent permitted by applicable law, the Minister, and the Minister's employees and agents, exclude and disclaim liability to the User for losses and damages of whatsoever nature and howsoever arising including, without limitation, any direct, indirect, special, consequential, punitive or incidental damages, loss of use, loss of data, loss caused by a virus, loss of income or profit, claims of third parties, even if Alberta Energy have been advised of the possibility of such damages or losses, arising out of or in connection with the use of the Alberta Energy website, including the accessing or downloading of the scanned mineral assessment report and the use for any purpose of the scanned mineral assessment report so downloaded or retrieved.
- d) User agrees to indemnify and hold harmless the Minister, and the Minister's employees and agents against and from any and all third party claims, losses, liabilities, demands, actions or proceedings related to the downloading, distribution, transmissions, storage, redistribution, reproduction or exploitation of each scanned mineral assessment report obtained by the User from Alberta Energy.

SULPHUR PROSPECTING PERMIT #6Acquisition:

King Resources Company made application for this permit in June, 1967 for the purpose of investigating the sulphur possibilities of the Wabamun formation of Devonian age. Reports of the occurrence of free sulphur in the lower part of the Wabamun have been made in 1955 from the well Banff Ankerton 15-4-44-16 W4M at an approximate depth of 3,600 feet. Further testing of this occurrence has been done by Devil's Elbow Mines Limited in well DEM Ankerton Sulphur 15-4-44-16 W4M in May-June 1967.

Geology:

While the presence of elemental sulphur in the lower part of the Wabamun has been known for many years its occurrence in possibly commercial quantities has not been investigated in more than a desultory fashion. With this in mind, the subsurface distribution of this horizon was checked by examining the records of many wells along strike. The presence of a Wabamun "high" was established running in a northwest-southeast direction in the vicinity of Woodglen post office and a well was drilled to the Nisku formation below the Wabamun and the appropriate section was cored.

Drilling:

K.R. Bawlf 10-12-47-17 W4M was commenced on June 21st, 1967. Tests for gas in the Viking were made with satisfactory results and coring point, 3,370 feet, was reached on June 26th. Coring was completed on June 28th, at 3,510 feet and the well was completed to 3,560 feet, logged and plugged back to the Viking sand by June 30th.

Coring:

Seven cores were taken in the section of interest as follows:

Core # 1	3370 - 3386 Feet,	16 Feet	Recovered	16 Feet
2	3386 - 3400 Feet,	14 Feet	Recovered	14 Feet
3	3400 - 3404 Feet,	4 Feet	Recovered	4 Feet
4	3404 - 3408 Feet,	4 Feet	Recovered	3.5 Feet
5	3408 - 3436 Feet,	28 Feet	Recovered	28 Feet
6	3436 - 3463 Feet,	27 Feet	Recovered	27 Feet
7	3463 - 3510 Feet,	47 Feet	Recovered	47 Feet


Analysis:

Six samples from Core #7 were selected for analysis, the results being as follows:

Sample A 1	3464.8 - 3465.3 Feet	Sulphur	0.05% by weight
2	3472.2 - 3474.9 Feet		0.82%
3	3481.1 - 3481.7 Feet		0.07%
4	3489.5 - 3490.0 Feet		0.45%
5	3495.5 - 3496.2 Feet		0.65%
6	3508.9 - 3509.3		1.15%

Conclusions:

The presence of sulphur in commercial quantities was not established.


L.G. Millward,
Divisional Geologist.

LGM/McA.

CORE LABORATORIES-CANADA LTD.
CALGARY ALBERTA

Company King Resources Company Page 1 of 1
Well K-R Bowlf 10-12-47-17 File CDH-2-1373
Field Bowlf Area, Alberta Date July 7, 1967
Location Lsd 10-12-47-17 W4M Analysts C.S.

SAMPLING CONDITIONS:

Formation Devonian Wabamun Depths As noted below
Sampled from Core No. 7 (Selected Intervals)
Date Sampled July 5, 1967 Date Analyzed July 6, 1967

REMARKS:

Sampled Intervals Selected by Client.

<u>DEPTHS</u>	<u>WT. % SULPHUR BY ASSAY</u>
A1 3464.8 - 3465.3	0.05
A2 3474.2 - 3474.9	0.82
A3 3481.1 - 3481.7	0.07
A4 3489.5 - 3490.0	0.45
A5 3495.5 - 3496.2	0.65
A6 3508.9 - 3509.3	1.15

19670007

SULPHUR PROSPECTING PERMIT No. 6

[83A/16 and
83H/1]

CANCELLED

KING RESOURCES COMPANY,
1300 ELVEDEN HOUSE,
CALGARY, ALBERTA

DATE OF ISSUE - JUNE 12, 1967
AREA - 19,801 ACRES
//// - NOT IN PERMIT

NO LEASES SELECTED

TP. 47

TP. 46

TP. 45

TP. 44

R. 17

R. 16

R. 15 W. 4 M.

