MAR 19690059: SENEX CREEK

Received date: Dec 31, 1969

Public release date: Jan 01, 1971

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.



ELE REPORT No.

S-AF-071(2)

APPENDIX A TO REPORT

DATED SEPTEMBER 1968

OF CORE DRILLING

IN THE

SENEX CREEK SULPHUR PROSPECT AREA

OF

ALBERTA, CANADA

FOR

WORLDWIDE ENERGY COMPANY LTD.

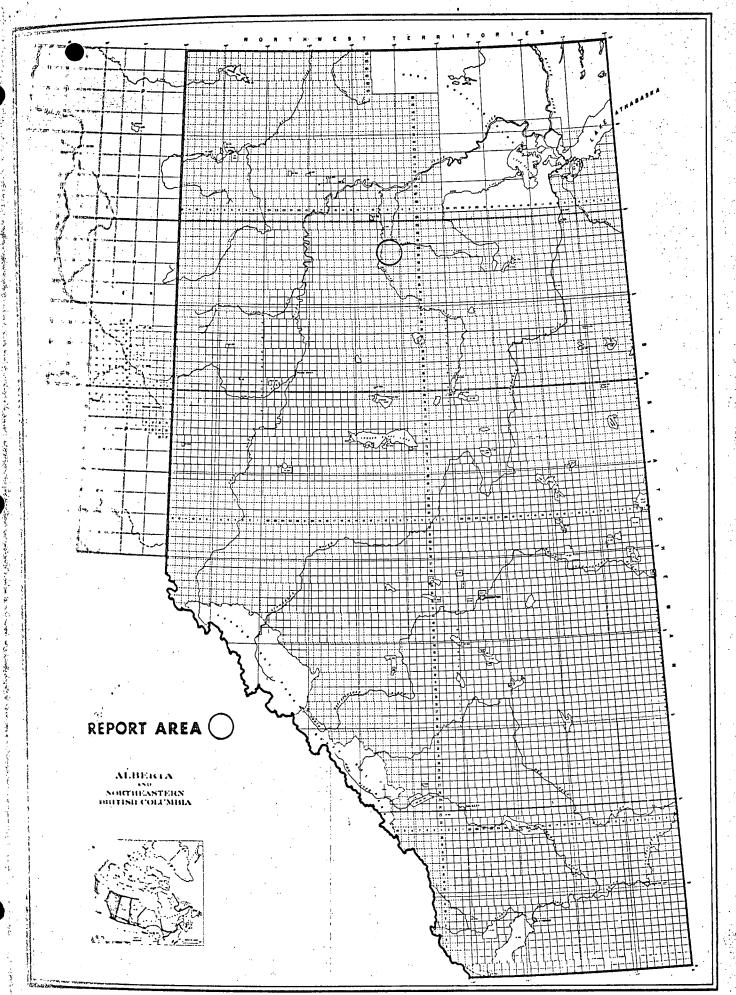
BY

SIGMA EXPLORATIONS LTD.

PROJECT NO. 71

Salvary, Alberta, Canada

March 1969



Page No.

1 - 2

2

3 - 4

5 - 6

7 - 8

9 - 26

1

GENERAL DISCUSSION

WEATHER

PROGRAM

OPERATION

RESULTS & RECOMMENDATIONS

ASSAYS

A Lind to the first of the second to the

ASSAY VALUES (PHASE 2)

tion edition in

A STATE OF THE STA

a by faring

GENERAL DISCUSSION

As the discussion concerning the location, topography and access has been thoroughly reviewed in previous reports, it is not considered necessary to deal further with these matters in this appendix.

As suggested in our report of September 1968, it was proposed that a survey be conducted across the permit area during the winter months, when frost conditions would permit travel by men and equipment over the entire permit area.

It was also considered desireable to mobilize the survey during 1969 because assay results obtained during the original survey indicated seven areas in Permit Number 71 which single assay values indicated accumulations of elemental sulphur ranging between 5% and 18%, and these areas required additional detailed drilling done to determine if commercial occurrences of sulphur were present in the area.

During the months of November and December a proposed exploration program was submitted to the management of Worldwide Energy Ltd. by Mr. J. D. Fowlie of Sigma Explorations Ltd., indicating the areas on the permit which were considered to warrant additional exploration. This program took into account the original area examined during the August survey, the results of the terrain analysis study made by Geo Photo Services Ltd. of Calgary and also the assay results obtained by Chemical & Geological Laboratories of Calgary. Discussions were also held between Mr. Fowlie and Mr. W. N. Morrison, the manager of

C. & Laboratories as to what should be considered optimum drilling depths and sampling intervals during any subsequent work.

This program was reviewed by Mr. Wayne Granger of Worldwide

Energy Ltd., and the suggestion was made that rather than do a

regional type of study over the entire permit area as well as detailed

sampling over areas showing concentration of sulphur, that only

those areas showing potential commercial deposits would be examined

in detail and other reconnaissance work would be cancelled. The

work commitment was reduced by approximately one-third by this

decision and subsequent results have shown that this was a very

valid decision.

WEATHER AND CLIMATIC CONDITIONS

Weather conditions during the execution of the survey were for the most part extremely severe. Temperatures at night fell as low as -70° below zero, with daytime temperatures seldom rising above -30° below. During periods of extreme cold weather (-60° and lower) it was considered to be impractical to conduct field operations because of the danger to men and equipment and all operations were suspended past this point. Because of the high risk of metallurgical failure in bulldozers and drilling equipment at temperatures of below -60°, and the result danger to men working around such equipment it was not considered prudent to continue operations past this limit.

Thus because of these sever conditions where temperatures seldom rise above -40° , the effective use of both bulldozers and drills was

severely restricted, and the production of both new line cut and drilling progress was adversely effected.

PROGRAM

The basic program executed during January and February of 1969 was a direct result of observations made of assays obtained from drilling results of the summer program of August 1968. In addition to this of course, was the information provided by the Terrain Analysis of the permit which indicated a faulting trend from a point approximately halfway up Permit 71 and located on the west side of the permit. This indicated fault trend generally appeared to strike to the northeast, and as most of the sulphur values had been obtained in this area it was considered logical that this area be examined in some detail.

The decision to limit the sampling rate to five feet was resolved by the fact that Permit Number 71 is located in a relatively remote geographical area in the Province of Alberta and if high grade elemental sulphur deposits were found in this area in thicknesses of less than five feet that they would, in all probability, not grade as commercial deposits. Also the fact that hole spacing on the detailed survey was reduced to three hundred feet it was probable that an excellent average of percent sulphur contained in the sub-surface would be indicated by the close spacing of the bore holes. The time of the survey in the field (starting dated January 20, 1969) was such that it would have been possible had commercial deposits of elemental

sulphur een indicated during this survey that additional core drilling ing a reverse flush type of drill and obtaining all core from down the hole could have been mobilized, and the area detailed to a high degree before the onset of the spring breakup in this area.

OPERATIONS

As a result of previous exploration programs and studies seven selected areas were detailed as being worth further examination. Six of these areas were located in Twp. 100, Rge. 8 & 9, W.5M. and the seventh area was located in Twp. 99, Rge. 8, W.5M.

In all areas detailed drilling was conducted over areas of interest and samples were obtained from bore hole locations three hundred feet apart and drilled to a depth of twenty-two feet.

All natural phenomena was observed by the field supervisor during the progress of this survey, and the only observed feature that seemed to predominate was that a marked change in forest cover was exhibited at all points of interest where detailed work was being conducted. Upon examination of all seven areas of interest it was noted that this condition was uniformly exhibited throughout, however no significant conclusions could be drawn from this change in forestation because of the results of the assay values obtained.

Strong odours of sulphur were observed at certain areas and were examined in detail. Such areas included bore hole number 71-80-1 through 71-80-5 (to the south) and 71-40-92 through 71-40-87. At these points additional sampling was done, and water samples were

taken of some musked waters encountered during the drilling of these bore holes. The occurrence of these strong sulphur odours were at first followed by the crew with considerable enthusiasm as it was considered possible that a major occurrence of sulphur was present in the overburden. However, after examining the assay results and reflecting upon the occurrence of these odours in the field it is thought that the probable reason for their occurrence was actually the fact that small concentrations of hydrogen sulphide gas were trapped in the musked below the frost-line which would tend to be impermeable, and could therefore not escape to atmosphere. During drilling operations when this impermeable barrier was penetrated by drill holes in certain selected areas the hydrogen sulphide gas would be allowed to escape and thus produce the strong sulphur smell observed.

This condition was also noted on one of the small lakes used for a water supply by the drill where an extremely strong sulphur smell was noted. However subsequent tests of these water samples revealed only minute quantities of sulphur.

During the course of the survey, which was concluded in fifteen days a total of 222 holes were drilled and approximately 870 samples were obtained. 19½ miles of new line was cut by the bulldozers and an additional 25 miles of existing line was snowploughed for drilling and access. A total of 181 drill hours were utilized and approximately 440 bulldozer hours were necessary to cut-line and snow plow.

resulted from heavy stands of Spruce and Poplar encountered on some of the main lines which resulted in slow progress. Bulldozers were further hampered by the fact that many of the stumps from these trees were frozen into a solid mass of ice and it was virtually impossible for the bulldozers to obtain sufficient traction to dig them up. Thus it was necessary to detour around the larger stumps of many of the lines.

and a some that takking a spirit constant of the factor was

ល់ស្កាស់ សំពីក្រាយុស្ស៊ីនីសុវិសាធារ ប្រែក គេពិតកែក ស្រួច ក្រោយប្រក

บางเหตุนั้นอยู่ กิดให้อยใน และก็กระบบกระบบพฤษธินในได้

the contratter of parties you to be a recorded for everyor.

taki more iki opisi inrog te ki ha bil bah bah birki p

ត្រាល់ ខេត្ត ខ្លែកម្ពុជាធំកាន់ នួន នៅមិនអង្គិត្ត នៅក្នុង នៅក្រុម ប្រើប្រើប្រើប្រជាជាធិបតី **ន**ក់ មនុស្សមាននៅ និងប

्युक्ति हो । । अर्थ प्रवेशको कृष्य कृतियो अर्थ योजन कुल कर्मा कर्मा है भी भी है । इतियो से रीतिय

our transfer would be the first with the constitution of the const

graph to the place of the season of the seas

The second of the second that the

· 计为显在信息标准 (数)文字

all on proving a will appropriate the co

RESULT & RECOMMENDATIONS

From observations made of the results of the assays made from samples taken during the 1969 survey it is suggested that no commercial deposits of elemental sulphur appear to exist on Permit Number 71.

The assay values obtained during the final phase of this survey are very disappointing, and although some measureable amount of sulphur appears to exist at nearly every drill location, the grade of such occurrence is so low that it is not considered feasible to attempt any further exploration in this area.

A rather wide discrepancy is noted between some of the results obtained during the summer survey of 1968 and the recent winter survey. The reasons for such a wide variation are not clearly understood, however after discussion with the assayer, Mr. W. N. Morrison, on this problem it would appear that some difficulty is experienced in lab work in obtaining highly accurate assays of samples which contain a large percentage of muskeg material.

It is also considered probable that some of the high sulphur values observed in August of 1968 were in fact in solution in certain migrating ground water and such values would show definite trends along water courses. During periods when severe frost conditions were present the migration of these waters would all but cease and thus the resultant sulphur values would not be observed during the winter months. In conclusion it is suggested that from the results obtained by this recent survey, that no commercial deposits of

elemental sulphur are present in any of the areas surveyed in Permit Number 71. Unfortunately, because of the higher than average amount of sulphur present in the area certain leads were indicated suggesting that additional exploration was warranted in past surveys. These leads have now been thoroughly explored in detail and results are found to be non-commercial.

It is therefore recommended that sulphur Permit Number 71 be surrendered to the Government of the Province of Alberta and that no further work be carried out on this permit. The remote geographical location in combination with low sulphur values would suggest that any further expenditure of money on this property at this time would be unwarranted.

Respectfully submitted, SIGMA EXPLORATIONS LTD.

D. Fowlie, Supervisor

CHEMICAL & GEOLOG AL LABORATORIES LIMITED

OPERATOR: SIGMA EXPLORATIONS LIMITED

REPORT NUMBER: C69-4463

DATE SAMPLED:

DATE RECEIVED: January-February, 1969 DATE REPORTED: March 7, 1969

Kind of Sample: Soil

SAMPLE	DEPTH	ELEMENTAL SULFUR	SAMPLE	DEPTH	ELEMENTAL SULFUR
NUMBER	(In Feet)	(% by Weight on Dry Sample	NUMBER	(In Feet)	(% by Weight on Dry Sample)
NUPIDER	<u> (in rece)</u>	<u> </u>			
71-20-18	5	0.83	71-20-29	5	Trace (M)
71-20-18	10	Trace	71-20-29	10	Trace (M)
71-20-18	15	0.22	71-20-29	15	Trace (M)
71-20-18	23	Trace	71-20-29	23	0.38
71-20-19	5	Trace (M)	77 00 00		일반하다 (1911년 2월 1일
71-20-19	10	0.05	71-20-30	5	Trace
71-20-19	15	0.49	71-20-30	10	0.26
71-20-19	. 23	Trace	71-20-30	15 23	Trace 0.17
71-20-20	5	Trace (M)	71-20-30	23 Tagana ang pa	
71-20-20	10	Trace	71-20-31	5	Trace
71-20-20	15	0.24	71-20-31	10	Trace
71-20-20	23	Trace	71-20-31	15	Trace
71-20-21	5	0.43 (M)	71-20-31	. 23	0.53
71-20-21	10	0.49	71-20-32	5	Trace
71-20-21	15	Trace	71-20-32	10	Trace
71-20-6	15	0.43	71-20-32	15	0.36
71-20-6	20	0.74	71-20-32	23	Trace
71-20-7	5	Trace (M)	وأناحل والأراج أأرا		Tace
71-20-7	10	Trace (M)	74-1-11	5	Trace
71-20-7	15	Trace	74-1-11	10	Trace
71-20-7	20	Trace	74-1-11	15	0.32
71-20-8	5	Trace (M)	74-1-11	23	Trace
71-20-8	10	Trace	74-1-12	. 5	Trace (M)
71-20-8	15	Trace	74-1-12	10	Trace (M)
71-20-8	20	Trace	74-1-12	15	Trace
71-20-9	5	0.15	74-1-12	27	Trace
71-20-9	10	Trace	74-1-13	5	Trace (M)
71-20-9	15	Trace	74-1-13	10	Trace (M)
71-20-9	20	0.64	74-1-13	15	Trace (M)
			74-1-13	23	Trace

continued..

- Page 2 -

OPERATOR:

SIGMA EXPLORATIONS LIMITED

REPORT NUMBER:

C69-4463

DATE SAMPLED:

DATE RECEIVED: January-February, 1969 DATE REPORTED: March 7, 1969

Kind of Sample:

SAMPLE NUMBER	DEPTH (In Feet)	ELEMENTAL SULFUR (% by Weight on Dry Sample)	SAMPLE NUMBER	DEPTH (In Feet)	ELEMENTAL SULFUR (% by Weight on Dry Sample)
		The same of the sa	71-40-11	10	Trace
74-1-14	3	0.42 Trace (M)	71-40-11	15	Trace
74-1-14	10	Trace (m)	71-40-11	22	Trace
74-1-14	15	Trace	71-40-11	5	Trace
74-1-14	27	이는 사고를 잃었는데 다음이 되었다. 그는 그는 그는 그들은 그는 그를 되었다. 뭐 그런	71-40-12	10	Trace
74-1-15	5	Trace	71-40-12	15	0.72
74-1-15	10	Trace	71-40-12	22	0.56
74-1-15	15	Trace 2.04	71-40-12	5	N.L.
74-1-15	23	Trace	71-40-13	10	0.27
74-1-16	5 10	Trace	71-40-13	15	0.15
74-1-16 74-1-16	15	1.28	71-40-13	22	Trace
74-1-16	23	Trace	71-40-14	5	Trace
74-1-10	5	Trace	71-40-14	10	0.60
74-1-17	10	Trace	71-40-14	15	1.99
74-1-17	15	Trace	71-40-14	22	Trace
74-1-17	27	0.80	71-40-15	5	Trace
			71-40-15	10	Trace
71-40-1	5.	Trace	71-40-15	15	Trace
71-40-1	10	Trace	71-40-15	22	0.57
71-40-1	15		71-40-16	5	Trace
71-40-1	22	Trace	71-40-16	10	0.53
71-40-2	5	Trace	71-40-16	15	Trace
71-40-2	10	Trace	71-40-16	22	Trace
71-40-2	1 5	Trace	71-40-17	5	N.L.
71-40-2	22	Trace	71-40-17	10	Trace
71-40-3	5.	N.L.	71-40-17	15	Trace
71-40-3	10	1.60	71-40-17	22	0.92
71-40-3	15	0.96		A STATE OF THE STATE OF	
71-40-3	22	1.13	71-4-18	5	0.77
			71-4-18	10	Trace
			71-4-18	15	(2) 1.35 (1) (1) (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2
			71-4-18	18	Trace
	Livery to the state of				continued

CHEMICAL & GEOLOGICAL LABORATORIES LIMITED

OPERATOR: SIGMA EXPLORATIONS LIMITED

REPORT NUMBER: C69-4463

DATE SAMPLED:

DATE RECEIVED: January-February, 1969 DATE REPORTED: March 7, 1969

Kind of Sample: Soil

SAMPLE	DEPTH	ELEMENTAL SULFUR	SAMPLE	DEPTH	ELEMENTAL SULFUR
NUMBER	(In Feet)	(% by Weight on Dry Sample)	NUMBER	(In Feet)	(% by Weight on Dry Sample)
MOPIDLIK	<u> </u>				
74-1-30	23	Trace	71-40-5	5	Trace
74-1-31	5	Trace (M)	71-40-5	10	Trace
74-1-31	10	Trace	71-40-5	15	2.04
74-1-31	15	Trace (M)	71-40-5	22	Trace
74-1-31	23	Trace (M)	71-40-6	5	Trace
74-1-32	5	Trace (M)	71-40-6	10	Trace
74-1-32	10	Trace (M)	71-40-6	15	1.36
74-1-32	15	Trace (M)	71-40-6	20	Trace
74-1-32	23	Trace	71-40-7	- 5	* 6 to 1 to
74-1-33	5	Trace	71-40-7	10	1.26
74-1-33	10	Trace	71-40-7	15	Trace
74-1-33	15 .	Trace	71-40-7	22	Trace
74-1-33	23	0.36	71-40-8	5	1.45
74-1-7	5	Trace (M)	71-40-8	10	1.22
74-1-7	10	Trace	71-40-8	15	Trace
74-1-7	15	Trace	71-40-8	20	Trace
74-1-7	20	1.30	71-40-9	5	Trace
74-1-8	.5	Trace	71-40-9	10	Trace
74-1-8	10	0.73	":: 71−40−9	15	0.50
74-1-8	15	Trace	71-40-9	20	Trace Trace
74-1-8	23	0.16	71-40-10	5	0.53
74-1-9	5	Trace	71-40-10	10	1.64
.74−1−9	10	Trace	71-40-10	15	Trace
74-1-9	15	Trace	71-40-10	22	Trace
			71-40-11	5	0.58
71-40-4	5	Trace	71-40-11	10	Trace
71-40-4	10	0.92	71-40-11	15	Trace
71-40-4	15	Trace	71-40-11	22	Trace
71-40-4	22	Trace	71-40-12	. 5 .	Trace
			71-40-12	10	Trace
			71-40-12	. 15	0.92
			71-40-12	22	0.56 continued

×

OPERATOR: SIGMA EXPLORATIONS LIMITED

REPORT NUMBER:

C69-4463

DATE SAMPLED:

DATE RECEIVED January-FEbruary, 1969 DATE REPORTED:

SAMPLE	DEPTH	ELEMENTAL SULFUR	SAMPLE	DEPTH	ELEMENTAL SULFUR
NUMBER	(In Feet)	(% by Weight on Dry Sample)	NUMBER	(In Feet)	(% by Weight on Dry Sample)
NONDER	<u> </u>				
71-20-1	5	1.68	71-20-24	5	Trace
71-20-1	10	0.05	71-20-24	10	Trace
71-20-1	15	0.83	71-20-24	15	Trace
71-20-1	20	Trace	71-20-24	20	Trace
71-20-2	5	Trace (M)	71-20-25	5	Trace (M)
71-20-2	10	2.14	71-20-25	10	Trace
71-20-2	15	0.52	71-20-25	15	Trace
71-20-2	20	3.06	71-20-25	20	Trace
71-20-3	5	Trace (M)	71-20-2 6	5	Trace (M)
71-20-3	10	Trace (M)	71-20-26	10	Trace (M)
71-20-3	15	1.44	71-20-26	15 .	2.21
71-20-3	20 .	Trace	7 1-20-26	20	Trace
71-20-4	5	0.32	71-20-27	5	Trace
71-20-4	10	Trace	71-20-27	10	Trace
71-20-4	15	Trace	71-20-27	15	Trace
71-20-4	20	Trace	71-20-27	20	Trace
71-20-5	5	(新基)	71-20-28	5	Trace
71-20-5	10	Trace	- 71–20 –28	10	1.80
71-20-5	15	1.20	71-20-28	15	Trace
71-20-5	20	1.80	71-20-28	20	2.17
71-20-6	5	0.26	71-40-33	e	3.06
71-20-6	10	0.44	71-40-33	5 10	0.36
71-20-21	20	Trace	71-40-33	15	1.44
71-20-22	10	Trace	71-40-33	20	1.02
71-20-22	15	0.57	71-40-35	5	Trace (M)
71-20-22	23	Trace	71-40-35	10	3.23
71-20-23	5	Trace (M)	71-40-35	15	2.30
71-20-23	10	Trace	71-40-35	20	0.73
71-20-23	15	Trace	71-40-35	20 5	Trace (M)
71-20-23	.20	0.25	71-40-36	10	3.76
			71-40-36	15	4.47
					1.12 continue
		승규들이 나는 말을 하는 사람들이 되었다.	71-40-36	20	T.IZ

OPERATOR:

SIGMA EXPLORATIONS LIMITED

REPORT NUMBER:

C69-4463

DATE SAMPLED:

DATE RECEIVEDJanuary-February, 1969 DATE REPORTED: March 7, 1969

SAMPLE NUMBER	DEPTH (In Feet)	ELEMENTAL SULFUR (% by Weight on Dry Sample)	SAMPLE NUMBER	DEPTH (In Feet)	ELEMENTAL SULFUR (% by Weight on Dry Sample)
<u>Rolling at the second at the </u>		The second of th		5	Trace (M)
71-40-37	.5	0.79	71-40-24	10	Trace
71-40-37	10	2.81	71-40-24	15	Trace
71-40-37	15	- Profession (1985)	71-40-24	22	Trace
71-40-37	20	1.17	71-40-24	5	Trace
			71-40-25		Trace
71-40-18	5	Trace (M)	71-40-25	10 15	Trace
71-40-18	10	Trace	71-40-25	20	Trace
71-40-18	15	Trace	71-40-25	20	Trace
71-40-18	22	Trace	71-40-27	10	1.15
71-40-19	5	0.79	71-40-27	15	Trace
71-40-19	10	Trace	71-40-27	22	0.93
71-40-19	15	1.22	71-40-27		Trace
71-40-19	22	Trace	71-40-28	5 10	Trace
71-40-20	5	Trace (M)	71-40-28	10 15	Trace
71-40-20	10	Trace	71-40-28	22	1.21
71-40-20	15	Trace	71-40-28	5	Trace
71-40-20	22	Trace	71-40-29	10	Trace
71-40-21	5	Trace (M)	71-40-29	the second of th	Trace
71-40-21	10	Trace (M)	71-40-29	15 22	1.14
71-40-21	15	Trace	71-40-29	11.00	Trace
71-40-21	22	Trace	71-40-31	5	Trace
71-40-22	5	Trace	71-40-31	10	2.05
71-40-22	10	0.45	71-40-31	15	Trace
71-40-22	15	Trace	71-40-31	22	Trace
71-40-22	22	0.84	71-40-32	5	Trace
71-40-23	5	Trace (M)	71-40-32		Trace
71-40-23	10	Trace	71-40-32	15	1.39
71-40-23	15	Trace	71-40-32	22	
71-40-23	22	Trace	71-5-4	5	Trace (M)
, . <u> </u>	\$ 145.5 200 - 100.00		71-5-4	10	Trace (M)
			71-5-4	15	Trace
			71-5-4	23	Trace continue
		in the control of the			ぶいた アドロー・モニー とさい はいしょうしょう しょうしゅう こうしゅん かいまん かんかい おんしゅん しょんしゅん しゅんしゅん

•

OPERATOR: SIGMA EXPLORATIONS LIMITED

REPORT NUMBER: C69-4463

DATE SAMPLED:

DATE RECEIVED January-February, 1969 DATE REPORTED: March 7, 1969

SAMPLE NUMBER	DEPTH (In Feet)	ELEMENTAL SULFUR (% by Weight on Dry Sample)	SAMPLE NUMBER	DEPTH (In Feet)	ELEMENTAL SULFUR (% by Weight on Dry Sample)
				(211 1000)	(% by weight on big bumple)
71-30-6	5	2.72	71-40-38	5	Trace
71-30-6	10	Trace	71-40-38	io	Trace
71-30-6	15	1.46	71-40-38	15	2.01
∵71− 30−6	23	Trace	71-40-38	22	0.60
71-30-7	5	1.55 (M)	71-40-39	5	Trace
71-30-7	10	Trace	71-40-39	10	Trace
<i>₹</i> 71−30−7	15 •	1.56	71-40-39	15	0.85
71-30-7	23	Trace	71-40-39	22	0.86
71-30-8	5	Trace	71-40-40	5	Trace (M)
71-30-8	10	1,41 m	71-40-40	10	0.45
71-30-8	15	Trace	71-40-40	15	0.25
71-30-8	22	1.39	71-40-40	22	Trace
71-30-9	5	Trace (M)	71-40-41	5	Trace (M)
71-30-9	- 10	Trace	71-40-41	10	1.10
71-30-9	15	2.54	71-40-41	15	0.90
71-30-9	23	Trace	71-40-41	22	0.45
71-30-10	5	Trace (M)	71-40-42	5	Trace
71-30-10	10	Trace (M)	71-40-42	10	Trace
71-30-10	15	Trace	71-40-42	15	Trace
71-30-10	23	Trace	71-40-42	22	Trace
71-30-16	5	Trace (M)	71-40-43	5	Trace
71-30-16	10	Trace (M)	71-40-43	10	Trace
71-30-16	15	Trace	71-40-43	15	0.20
71-30-16	23	1.67	71-40-43	. 22	Trace
71-30-17	5	Trace (M)	71-40-44	5	Trace (M)
71-30-17	10	Trace (M)	71-40-44	10	0.50
71-30-17	15	Trace	71-40-44	15	0.40
71-30-17	22	.92	71-40-44	22	Trace
			the same of the same		

OPERATOR:

SIGMA EXPLORATIONS LIMITED

REPORT NUMBER:

C69. -4463

DATE SAMPLED:

DATE RECEIVED: January-February, 1969 DATE REPORTED:

March 7, 1969

SAMPLE NUMBER	DEPTH (In Feet)	ELEMENTAL SULFUR (% by Weight on Dry Sample)	SAMPLE NUMBER	DEPTH (In Feet)	ELEMENTAL SULFUR (% by Weight on Dry Sample)
NUMBER	(In Feet)	(% by Weight On Dry Bample)	NOTIBBR	TIN TEEL)	(% b) Weight
71-40-45	5	Trace	71-30-18	- 5	Trace
71-40-45	10	Trace	71-30-18	10	Trace
71-40-45	15	0.80	71-30-18	15	Trace
71-40-45	22	Trace	71-30-18	23	Trace
71-40-46	5	Trace (M)	71-30-19	5	Trace (M)
71-40-46	10	20 0.20 p. 20 p. 20	71-30-19	10	Trace
71-40-46	15	Trace	71-30-19	15	Trace
71-40-46	22	Trace	71-30-19	23	0.56
71-40-47	5	0.80	71-30-20	5	Trace (M)
71-40-47	10	0.21	71-30-20	10	Trace
71-40-47	15	0.10	71-30-20	15	0.89
71-40-47	22	No Sample	71-30-20	23	Trace
71-40-48	5	Trace	71-30-21	5	Trace (M)
71-40-48	10	1. (a) 1. (b) 1. (c) 1	71-30-21	10	Trace
71-40-48	15	Trace	71-30-21	15	0.90
71-40-48	22	0.25	71-30-21	23	Trace
71-40-49	5	Trace	71-30-22	5	Trace
71-40-49	10	Trace	71-30-22	10	1.45
71-40-49	15	Trace	71-30-22	15	Trace
71-40-49	2 2	0.30	71-30-22	23	Trace
71-40-50	5	Trace (M)	71-30-23	5	Trace
71-40-50	10	0.30	71-30-23	10	Trace
71-40-50	15	0.25	71-30-23	15	Trace
71-40-50	22	Trace	71-30-23	23	1.65
71-40-51	5	Trace (M)	71-30-24	5	Trace
71-40-51	10^	0.25	71-30-24	10	Trace
71-40-51	15	0.10	71-30-24	15	1.73
71-40-51	2 2	Trace	71-30-24	23	2.25
71-40-52	5	Trace	71-30-25	. 5	1.26
71-40-52	10	Trace	71-30-25	10	Trace
71-40-52	15	Trace	71-30-25	15	Trace
71-40-52	22	Trace	71-30-25	23	Trace

Page B -

CHEMICAL & GEOLOGICAL LABORATORIES LIMITE

OPERATOR:

SIGMA EXPLORATIONS LIMITED

REPORT NUMBER

C69-446

DATE SAMPLED:

DATE RECEIVED: January-February, 1969 DATE REPORTED:

March 7, 1969

SAMPLE	DEPTH	ELEMENTAL SULFUR	SAMPLE	DEPTH	ELEMENTAL SULFUR
NUMBER	(In Feet)	(% by Weight on Dry Sample)	NUMBER	(In Feet)	(% by Weight on Dry Sample)
), 21,322 - 21 ,			and the state of a		and the entering of the second of the contract of the
71-30-26	5	Trace	71-30-35	5	0.54
71-30-26	10	0.49	71-30-35	10	Trace
71-30-26	15	1.96	71-30-35	15	Trace
71-30-26	23	Trace	71-30-35	23	· [18] [18] [18] [18] [18] [18] [18] [18]
71-30-27	5	Trace (M)	71-30-36	5	Trace
71-30-27	10	3.26	71-30-36	10	1.63
71-30-27	15	Trace	71-30-36	15	0.30
71-30-27	23	18 19 19 19 19 19 19 19 19 19 19 19 19 19	71-30-36	23	Trace
71-30-28	. 5	Trace (M)	71-30-37	5	
71-30-28	10	0.74	71-30-37	10	Trace
71-30-28	15	Trace	71-30-37	15	1.49 July 1.49
71-30-28	23 .	Trace	71-30-37	23	• Trace
71-30-30	5	Trace	71-30-38	5	0.45
71-30-30	10	Being Repeated	71-30-38	10	Trace
71-30-30	15	Trace	71-30-38	15	Being Repeated
71-30-30	23	0.54	71-30-38	23	0.59
71-30-31	5	0.66	71-30-39	5	Trace
71-30-31	10	*Trace	71-30-39	10	1.19
71-30-31	15	Trace	71-30-39	15	0.48
71-30-31	23	Being Repeated	71-30-39	23	Trace
71-30-33	5	Trace	71-30-30	10	Trace
71-30-33	10	1.14	71-30-31	23	1.02
71-30-33	15	Trace	71-15-8	. 5	Trace
71-30-33	23	Trace	71-15-8	10	Trace
71-30-34	5	Trace	71- 15-8	15	Trace
71-30-34	10	Trace	71-15-8	23	Trace
71-30-34	15	0.28			
71-30-34	23	Trace			continued

REPORT NUMBER: C69 -4463

DATE SAMPLED:

DATE RECEIVED January-February, 1969 DATE REPORTED: March 7, 1969

SAMPLE NUMBER	DEPTH (In Feet)	ELEMENTAL SULFUR (% by Weight on Dry Sample)	SAMPLE NUMBER	DEPTH (In Feet)	ELEMENTAL SULFUR (% by Weight on Dry Sample)
		Trace (M)	71-15-8-2	2 5	Trace (M)
71-15-8-14	A CONTRACTOR OF THE PARTY OF TH	Trace (M)	71-15-8-2		Trace
71-15-8-14		0.19	71-15-8-2		Trace
71-15-8-14	* * * *	0.50	71-15-8-2		Trace
71-15-8-14	the state of the s	Trace (M)	71-15-8-2	i i	Trace (M)
71-15-8-1	and the second s	Trace (M)	71-15-8-2		Trace (M)
71-15-8-15		Trace (M)	71-15-8-2	•	Trace (M)
71-15-8-1	77.4	2.22	71-15-8-2	-	.0.49
71-15-8-1		Trace (M)	71-15-8-2	and the second second	Trace (M)
71-15-8-16		Trace (M)	71-15-8-2		Trace
71-15-8-16		Trace	71-15-8-2	the state of the s	0.98
71-15-8-16	*	Trace	71-15-8-2		Trace
71-15-8-1		Trace	71-15-8-1		Trace (M)
71-15-8-1		Trace	71-15-8-1		Trace (M)
71-15-8-1		Trace	71-15-8-1		Trace (M)
71-15-8-1		Trace	71-15-8-1		Trace
71-15-8-1		Trace (M)	71-15-8-2	and the second s	Trace
71-15-8-1		Trace	71-15-8-2	· · · · · · · · · · · · · · · · · · ·	Trace
71-15-8-1	•	Trace	71-15-8-2	and the second s	Trace
71-15-8-1		0.19	71-15-8-2		0.97
71-15-8-1	·	Trace (M)	71-15-8-3		Trace (M)
71-15-8-1		Trace	71-15-8-3		Trace (M)
71-15-8-1		0.71	71-15-8-3		Trace (M)
71-15-8-1		Trace	71-15-8-3		Trace
71-15-8-1 71-15-8-2		Trace (M)	71-15-8-4	· ·	Trace (M)
71-15-8-2		0.44	71-15-8-4	5 .	Trace
71-15-8-2	and the second s	Trace	71-15-8-4		Trace
	•	0.65	71-15-8-4		Trace
71-15-8-2 71-15-8-2		Trace (M)	71-15-8-5	the state of the s	Trace
71-15-8-2		1.16	71-15-8-5	the second secon	0.77
	The second secon	Trace	71-15-8-5		Trace
71-15-8-2	the state of the s	Trace	71-15-8-5	4	Trace
71-15-8-2	L 23				continued.

OPERATOR: SIGMA EXPLORATIONS LIMITED

REPORT NUMBER:

DATE SAMPLED:

DATE RECEIVED January-February, 1969 DATE REPORTED: March 7, 1969

SAMPLE	DEPTH	ELEMENTAL SULFUR	SAMPLE	DEPTH	ELEMENTAL SULFUR
NUMBER	(In Feet)	(% by Weight on Dry Sample)	NUMBER	(In Feet)	(% by Weight on Dry Sample)
71-15-8-6	5	Trace (M)	71-51-47	10	0.81
71-15-8-6	10	Trace (M)	71-51-47	15	0.57
71-15-8-6	15	Trace	71-51-47	22	4.23
71-15-8-6	23	3.00	71 40 50		
71-15-8-7	5	Trace (M)	71-40-58	5	0.24
71-15-8-7	10	Trace	71-40-58	10	0.52
71-15-8-7	15	0.62	71-40-58	15	0.23
71-15-8-7	23	Trace	71-40-58	22	0.72
71-15-8-8	5	Trace (M)	71-40-59	5	Trace
71-15-8-8	10	Trace (M)	71-40-59	10	0.21
71-15-8-8	15	Trace	71-40-59	15	0.66
71-30-38	15	4. 1.51 A B B B	71-40-59	22	0.71
			71-40-60	5	Trace (M)
71-40-53	5	Trace	71-40-60	10	Trace (M)
71-40-53	10	Trace	71040-60	15	Trace
71-40-53	15	Trace	71-40-60	22	Trace
71-40-53	22	Trace	71-40-61	. 5	Trace (M)
71-40-54	5	Trace (M)	71-40-61	10	0.24
71-40-54	10	Trace	71-40-61	15	0.72
71-40-54	15	0.28	71-40-61	22	Trace
71-40-54	22	Trace	71-40-62	5	Trace
71-40-55	5	Trace (M)	71-40-62	10	0.30
71-40-55	10	Trace (M)	71-40-62	15	1.12
71-40-55	15	Trace	71-40-62	22	1.38
71-40-55	22	Trace	71-40-63	5	Trace
71-40-56	5	Trace (M)	71-40-63	.10	Trace
71-40-56	10	Trace (M)	71-40-63	15	Trace
71-40-56	15	Trace (M)	71-40-63	22	0.79
71-40-56	22	Trace	71-40-64	5 .	Trace
71-40-57	5	Trace (M)	71-40-64	10	Trace
			71-40-64	15	0.21
1.0			71-40-64	22	Trace
			والوال والأوريق بالعدودين	The water	to the continued.

Page 11 -

CHEMICAL & GEOLOGICAL LABORATORIES LIMITED

OPERATOR: SIGMA EXPLORATIONS LIMITED

REPORT NUMBER: C69-4463

DATE SAMPLED:

DATE RECEIVED January-February, 1969 DATE REPORTED: March 7, 1969

SAMPLE	DEPTH	ELEMENTAL SULFUR	SAMPLE DEPTH	ELEMENTAL SULFUR
NUMBER	(In Feet)	(% by Weight on Dry Sample)	NUMBER (In Feet)	(% by Weight on Dry Sample)
1.7		لمعتبر والمتعارض للمعارض والمتعارض والمتعارض والمتعارض والمتعارض	jang kang danggan sanggan salah	محاكات كالمتحرب فالواب التنابي المجتملة بالعلطان بأناب للطاعبين كالمحالية
71-40-65	5	Trace	71-15-8-8 23	Trace
71-40-65	10	0.74	71-15-8-9 5	Trace (M)
71-40-65	15	0.55	71-15-8-9 10	Trace (M)
71-40-65	22 .	0.38	71-15-8-9 15	Trace
71-40-66	5	0.12	71-15-8-9 23	Trace
71-40-66	10	1.07	71-15-8-10 5	Trace (M)
71-40-66	15	0.69	71-15-8-10 10	Trace (M)
71-40-66	22	0.48	71-15-8-10 15	Trace
71-40-67	. 5	0.50	71-15-8-10 23	Trace
71-40-67	10	0.24	71-15-8-11 5	Trace (M)
71-40-67	15	0.56	71-15-8-11 10	Trace
71-40-67	22 🐹	0.76	71–15–8–11 15	. Trace
71-40-68	5	0.31	71–15–8–11 23	0.33
71-40-68	10	0.35	71-15-8-12 5	Trace (M)
71-40-68	15	Trace	71-15-8-12 10	0.71
71-40-68	2 2	0.42	71-15-8-12 15	Trace
71-40-69	5	Trace (M)	71-15-8-12 23	Trace
71-40-69	10	Trace	71-15-8-13 5	Trace (M)
71-40-69	15	Trace	71-15-8-13 10	Trace (M)
71-40-69	22	0.28	71–15–8–13 15	Trace
, 71–40– 70 .	5	0.27	71-15-8-13 23	Trace
71-40-70	10	0.35	74-2-1 5	Trace
71-40-70	15	0.44	74-2-1 5 74-2-1 10	0.35
71-40-70	22	0.64	74-2-1 15	Trace
71-40-71	5	Trace	71-2-1 23	Trace
71-40-71	10	。 Trace	74-2-2 6	Trace
71-40-71	16	0.29	74-2-2 10	Trace
71-40-71	22	0.20	74-2-2 16	Trace (M)
71-40-72	5	Trace (M)	74-2-2 23	Trace (M)
71-40-72	10	0.10	74-2-3 5	Trace (M)
71-40-72	15	0.25	74-2-3 10	Trace (M)
71-40-72	22	<u>0.50</u>	74-2-3 15	Trace
71-40-73	. 5	Trace	74-2-3 23	0.52 continued
71-40-73	10	0.23	a ka ka sa	Concinded

CHEMICAL & GEOLOGICAL LABORATORIES LIMITED

OPERATOR:

SIGMA EXPLORATIONS LIMITED

REPORT NUMBER:

C69-4463

DATE SAMPLED:

DATE RECEIVED January-February, 1969 DATE REPORTED: March 7, 1969

SAMPLE	DEPTH	ELEMENTAL SULFUR	SAMPLE	DEPTH	ELEMENTAL SULFUR
NUMBER	(In Feet)	(% by Weight on Dry Sample	NUMBER NUMBER	(In Feet)	(% by Weight on Dry Sample)
74-2-4	·	Those (M)			
74-2-4	5	Trace (M) Trace (M)	74-2-12	5	Trace (M)
74-2-4	10 15		74-2-12	10	Trace
74-2-4	23	Trace (M)	74-2-12	15	Trace
74-2-4		Trace Trace	74-2-12	23	6.33
74-2-5	5 10	Trace	74-2-13 74-2-13	5	Trace
74-2-5	15		74-2-13	10	Trace
74-2-5	20	Trace 0.18	74-2-13	15	Trace
74-2-5	. 20 5		74-2-13	23	Trace
74-2-6	10	Trace		5.	Trace
74-2-6	15		74-2-14 74-2-14	10	Trace
74-2-6	23	Trace (M)	74-2-14	15 22	0.73
74-2-7	5	Trace (M) Trace		23	Trace
74-2-7	10		74-2-15	5	Trace
74-2-7	15	Trace 1.52	74-2-15	10	Trace
74-2-7	23	1.03	74-2-15	15	0.73
74-2-8	5	Trace	74-2-15	23	Trace
74-2-8	10	Trace	71-30-41	5	Trace*
∴74-2-8	15	Trace	71-30-41	10	Trace
74-2-8	23	0.65	71-30-41	15	Trace
74-2-9	5	Trace	71-30-41	23	Trace
74-2-9	10	0.80	71-30-42	5	Trace
74-2-9	15	Trace	71-30-42	10	0.21
74-2-9	23	Trace	71-30-42	15	1.10
74-2-10	5	Trace (M)	71-30-42	23	Trace
74-2-10	10	Trace (M)	71-30-43	5	1.27
74-2-10	15	Trace (M)	71-40-73	15	0.26
74-2-10	23	4.81	71-40-73	22	Trace
74-2-11	5	1.61	71-40-74	5	0.25
74-2-11	10	0.75	71-40-74	10	0.10
74-2-11	15	Trace	71-40-74	15	Trace
74-2-11	23		71-40-74	22	Ni1
`14_7_TT	23	Trace			

- Page 13 -

OPERATOR:

SIGMA EXPLORATIONS LIMITED

REPORT NUMBER:

DATE SAMPLED:

DATE RECEIVED January-February, 1969 DATE REPORTED: March 7, 1969

SAMPLE NUMBER	DEPTH (In Feet)	ELEMENTAL SULFUR (% by Weight on Dry Sample)	SAMPLE NUMBER	DEPTH (In Feet)	ELEMENTAL SULFUR (% by Weight on Dry Sample)
71-40-75	5	0.37	71-30-46	5	0.61
71-40-75	10	0.25	71-30-46	10	0.60
71-40-75	15	0.27	71-30-46	15	Trace
71-40-75	22	0.16	71-30-46	23	Trace
71-40-76	5	No Sample	7/1 2/		0.74
71-40-76	10	0.23	74-1-34	5 10	0.25
71-40-76	15	0.57	74-1-34 74-1-34	10 15	Trace
71-40-76	22	Nil (sand)	74-1-34 74-1-34	23	Trace
71-40-77	5 .	Trace (M)	74-1-34	5	Trace
71-40-77	10	Trace (M)	74-1-36	10	Trace
71-40-77	15	0.70	74-1-36	15	0.65
71-40-77	22	Ni1	74-1-36	23	Trace
71-40-78	5	Trace (M)	74-1-37	5	0.81
71- 40-78	10	The San	74-1-37	10	1.14
71-40-78	15	Nil	74-1-37	15	Trace
71-40-78	22	0.60	74-1-37	23	Trace
71-40-79	5	Trace	74-1-38	5	Trace (M)
71-40-79	10	0.25	74-1-38	10	Trace (M)
71-40-79	15	0.39	74-1-38	15	Trace (M)
71-40-79	22	0.27	74-1-38	23	Trace (M)
7 1-3 0-43	10	Trace (M)	74-1-39	5	Trace (M)
71-30-43	15	Trace	74-1-39	10	Trace
71-30-43	20	Trace	74-1-39	15	Trace
71-30-44	5	Trace	74-1-39	23	Trace
71-30-44	10	Trace	74-1-40	5	Trace (M)
71-30-44	15	Trace	71-1-40	10	Trace (M)
71-30-44	20	Trace	71-1-40	15	Trace (M)
71-30-45	5	Trace	71-1-40	23	Trace
71-30-45	10	Trace	71 40 90	ς ,	Trace
71-3 0-45	15	0.24	71-40-80	5	0.30
71–3 0–45	23	0.92	71-40-80	10	0.23
- 5		化子类核体验 化异丙基定的槽	71-40-80	15 22	0.20
			71-40-80	44	continued

SIGMA EXPLORATIONS LIMITED

REPORT NUMBER:

DATE SAMPLED:

DATE RECEIVEDJanuary-February, 1969 DATE REPORTED: March 7, 1969

SAMPLE	DEPTH	ELEMENTAL SULFUR	7.1.00. 00		
NUMBER	(In Feet)	(% by Weight on Dry Sample)	SAMPLE	DEPTH	ELEMENTAL SULFUR
		the by weight on bry sample)	NUMBER	(In Feet)	(% by Weight on Dry Sample)
71-40-81	5	Trace (M)			
71-40-81	10		71-20-10	. 5	0.70
71-40-81	15	Trace	71-20-10	10	Trace
71-40-81	2 2	0.60	71-20-10	15	0.64
71-40-82	5	0.85	71-20-10	20	1.27
71-40-82	10	0.66	71-20-11	5	Trace (M)
71-40-82	15	Trace	71-20-11	10	0.23
71-40-82	22 •	Trace	71-20-11	15	0.23
71-40-83	5	Trace	71-20-11	20	- アン・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・
71-40-83	10	Trace	71-20-12	5	1.38
71-40-83	15	0.11	71-20-12	10	Trace
71-40-83		0.91	71-20-12	15	Trace
71-40-84	22		71-20-12	20	0.23
71-40-84	5	Trace	71-20-13	5	0.68
71-40-84	10	Trace	71-20-13	10	Trace
71-40-84	15	0.70	71-20-13	15	0.21
	22	0.20	71-20-13		0.40
71-40-85	5	Trace	71-20-14	23	Trace
71-40-85	10	Trace	71-20-14	5	Trace
71-40-85	15	0.27	71-20-14	10	0.70
71-40-85	22	Trace		15	Ni1
71-40-87	5	Trace	71-20-14	23	0.26
71-40-87	10	0.04	71-20-15	5	Trace
71-40-87	15	Trace	71-20-15	10	0.26
71-40-87	22	0.36	71-20-15	15	0.17
71-40-88	5	0.77	71-20-15	23	0.40
71-40-88	10	0.19	71-20-16	5 .	0.12
71-40-88	15	Trace	71-20-16	10	0.25
7 1-40-88	22	en e	71-20-16	15	1.01
		rrace	71-20-16	23	0.39
			71-20-17	5	0.34
		인 경영화 선택하게 하는 사람이 되는 것이 되었다.	71-20-17	10	N11
			71-20-17	15	0.15
			71-20-17	23	N11
					NIT

SIGMA EXPLORATIONS LIMITED

REPORT NUMBER:

C69-4463

DATE SAMPLED:

DATE RECEIVEDJanuary-February, 1969 DATE REPORTED: March 7, 1969

SAMPLE	DEPTH	ELEMENTAL SULFUR	SAMPLE	DEPTH	ELEMENTAL SULFUR
NUMBER	(In Feet)	(% by Weight on Dry Sample)	NUMBER	(In Feet)	(% by Weight on Dry Sample)
71 20 1		ergerak in <mark>jeg</mark> erak egine in sakto	71 20 17		
71-30-1	5	Nil	71-30-14	5	0.48
71-30-1	10	Nil	71-30-14	10	0.71
71-30-1	15	Nil	71-30-14	15	Trace
71-30-1	22	Nil	71-30-14	22	Nil
71-30-2	5	Trace (M)	71-30-15	5	Ni1
71-30-2	10	Trace (M)	71-30-15	10	Nil Nil State of the State of t
71-30-2	15	Ni1	71-30-15	15	Nil
71-30-2	22 •	Ni1	71-30-15	22	Ni1
71-30-3	5	Ni1	71-30-29	5	Trace
71-30-3	10	Ni1	71-30-29	10	Nil
71-30-3	15	Trace	71-30-29	15	Ni1
71-30-3	22	Ni1	71-30-29	22	Trace
71-30-4	5	Ni1	71-30-32	5	Trace (M)
71-30-4	10	Nil	71-30-32	10	Ni1
71-40-4	15	Ni1	71-30-32	15	0.16
71-40-4	22	Ni1	71-30-32	22	0.16
71-30-5	5	Trace (M)	71-40-12	5	0.31
71-30-5	10	0.24	71-40-12	10	0.18
71-30-5	15	0.34	71-40-12	15	0.70
71- 30-5	22	0.13	71-40-12	22	Ni1
71-30-11	5	Trace (M)	71-40-89	5	Ni1
71-30-11	10	0.39	71-40-89	10	0.28
71-30-11	15	Nil	71-40-89	15	Nil ·
71-30-11	22	Nil	71-40-89	22	Nil
71-30-12	5	Trace	71-40-90	5	Ni1
71-30-12	10 .	0.19	71-40-90	10	Trace
71-30-12	15	0.35	71-40-90	15	Nil
71-30-12	22	Ni1	71-40-90	22	Nil
71-30-13	5	Ni1	71-40-91	5	Nil
71-30-13	10	Ni1	71-40-91	10	Ni1
71-30-13	15	Ni1	71-40-91	15	0.15
71-30-13	22	Trace	71-40-91	22	N11
			71-40-91	2.2	continued

OPERATOR:

SIGMA EXPLORATIONS LIMITED

REPORT NUMBER:

DATE SAMPLED:

DATE RECEIVEDJanuary-February, 1969 DATE REPORTED: March 7, 1969

SAMPLE NUMBER	DEPTH (In Feet)	ELEMENTAL SULFUR (% by Weight on Dry Sample)	SAMPLE NUMBER	DEPTH (In Feet)	ELEMENTAL SULFUR (% by Weight on Dry Sample)
71 40 02	er er forsær er er Franskrige				andre de la companya di Angelonia di Angelonia di Angelonia di Angelonia di Angelonia di Angelonia di Angeloni Pangangangan di Angelonia di Ang
71-40-92	5	Nil .	71-40-100	5	Ni1
71-40-92	10	Trace	71-40-100	10	Nil
71-40-92	15	Trace	71-40-100	15	Nil Nil
71-40-92	22	Ni1	71-40-100	22	Ni1
71-40-93	5	Ni1	71-50-1	5	Trace (M)
71-40-93	10	Ni1	71-50-1	10	Nil
71-40-93	15	Ni1	71-50-1	15	Ni1
71-40-93	22	ALICE NITE OF THE PROPERTY OF	71-50-1	22	Trace
71-40-94	5	Trace (M)	71-50-2	. 5	Additional Nil () () The Company
71-40-94	10	Trace (M)	71-50-2	10	Ni1
71-40-94	15	0.25	71-50-2	15	Trace (M)
71-40-94	22	0.22	.71-50-2	22	Trace
₹ 71-40-95	5	Trace (M)	71-50-3	5	Ni1
71-40-95	10	Trace	71-50-3	10	Ni1
71-40-95	15	0.35	71-50-3	15	Ni1
71-40-95	22	0.16	71-50-3	22	Trace
71-40-96	5	Trace	71-50-4	5	Trace (M)
71-40-96	. 10	Trace	71-50-4	10	Trace (M)
71-40-96	15		71-50-4	15	Trace
71-40-96	22	0.34	71-50-4	22	0.23
71-40-97	5	Trace	71-50-5	5	Trace (M)
71-40-97	10	Trace	71-50-5	10	Ni1
71-40-97	15	0.20	71-50-5	15	Ni1
71-40-97	22	Ni1	71-50-5	22	Ni1
71-40-98	5	Nil Nil	71-50-6	5	0.15
71-40-98	10	Harrison Nil	71-50-6	10	Nil
71-40-98	15	Ni1	71- 50-6	. 15	Ni1
71-40-98	22	(1.17) (1.17	71-50-6	22	0.17
71-40-99	5	Trace	71-50-7	5	Trace (M)
71-40-99	10	0.14	71-50-7	10	Trace (M)
71-40-99	15	Ni1	71-50-7	15	Nil Nil
71-40-99	22	N11	71-50-7	22	0.22
		医结膜上腺体 医电压性 真脏的复数			continued

OPERATOR:

SIGMA EXPLORATIONS LIMITED

REPORT NUMBER: C69-4463

DATE SAMPLED:

DATE RECEIVED: January-February, 1969 DATE REPORTED: March 7, 1969

SAMPLE NUMBER	DEPTH (In Feet)	ELEMENTAL SULFUR (% by Weight on Dry Sample)	SAMPLE <u>NUMBER</u>	DEPTH (In Feet)	ELEMENTAL SULFUR (% by Weight on Dry Sample)
71-50-8	5	Nil	71-50-17	5	
71-50-8	10	0.36	71-50-17	10	Ni1
71-50-8	15	0.28	71-50-17	15	0.21
71-50-8	22	0.17	71-50-17	22	
71-50-9	5	Trace (M)	71-50-15	5	Nil
71-50-9	10	Ni1	71-50-15	10	Ni1
71-50-9	15	0.36	71-50-15	15	Trace
71-50-9	22	Ni1	71-50-15	22	0.11
71-50-10	5	[18] [18] [18] [18] [18] [18] [18] [18]	71-50-16	5	Trace (M)
71-50-10	10	1.06	71 –50–16	10	Trace (M)
71-50-10	15	0.19	71-50-16	15	0.41
71-50-10	22	Ni1	71-50-16	22	0.40
71-50-11	5	Trace	71-50-18	5	Trace
71-50-11	10	Trace	71-50-18	10	0.19
71-50-11	15		71-50-18	1,5	0.22
71-50-11	22	0.23	71-50-18	22	
71-50-12	5	Trace (M)	71-50-19	5	Trace
71-50-12	10	Trace	71-50-19	10	Trace
71-50-12	15	Nil	71-50-19	15	0.24
71-50-12	22	Trace	71-50-19	22	0.25
71-50-13	5	Trace (M)	71-60-1	5	Nil
71-50-13	10	Trace (M)	71-60-1	10	Trace (M)
71-50-13	15	Trace	71-60-1	15	0.65
71-50-13	22	0.30	∴"71–60 – 1	22	Trace
71-50-14	5	Trace (M)	71-60-2	5	
71-50-14	10	Nil Nil	71-60-2	10	Trace (M)
71-50-14	15	Trace	71-60-2	15	0.95
71-50-14	22	0.45	71-60-2	22	Ni1
71-80-1	5 .	No Sample	71-80-2	5	Trace (M)
71-80-1	10	0.21	71-80-2	10	Nil continued
71-80-1	15	Trace	71-80-2	15	(1. 使用) 形成 Ni1 (1. 克雷·西瓜巴拉拉拉)
71-80-1	22	Trace	71-80-2	22	Trace
es 1 August August Bereit august		보다. 그리는 얼마 이 사고 얼굴하였다.			

OPER OR:

SIGMA EXPLORATIONS LIMITED

REPORT NUMBER: C69-4463

DATE SAMPLED:

DATE RECEIVEDIanuary-February, 1969

DATE REPORTEDMarch 7, 1969

SAMPLE NUMBER	DEPTH (<u>In Feet</u>)	ELEMENTAL SULFUR (% by Weight on Dry Sample)	SAMPLE NUMBER	DEPTH <u>(In Feet</u>)	ELEMENTAL SULFUR (% by Weight on Dry Sample)
71-70-1	5	Trace (M)	71-80-4		
71-70-1	10	Nil	71-80-4	5	No Sample
71-70-1	15	Nil	71-80-4	10	Ni1
≈ 71 - 70-1	22	Nil	71-80-4	15	Nil
71-70-2	5	Trace (M)	71-80-4	22	Trace
71-70-2	10	Nil	71-80-5	5	Trace
71-70-2	15	Ni1	71-80-5	10	0.24
71-70-2	22	Ni1	71-80-5	15	Trace
71-70-9	5	N11	71-80-5	22	Trace
71-70-9	10	Ni1	71-80-6	5	Ni1
71-70-9	15	0.62	71-80-6	10	Nil
71-70-9	22	Trace	71-80-6	15	Nil of the light
71-90-4	5	Trace (M)	71-90-1	22	。这是这种是CNil 的是可以有限是
71-90-4	10	Trace (M)	71-90-1	5	Trace (M)
71-90-4	15	Trace (M)	71-90-1	. 10	Trace (M)
71-90-4	22	Trace	71-90-1	15	Trace
71-70-3	5	0.17	71-90-1	22	Trace
71-70-3	10	0.12	71-90-2	5	Trace (M)
71-70-3	15	Trace	71-90-2	10	Trace
71-70-3	22	Trace	71-90-2	15	Nil District
71-70-4	5	0.16	71-90-2	22	Ni1
71-70-4	10	Trace	71-90-3	3	Trace (M)
71-70-4	15	Ni1	71-90-3	10	Trace
71-70-4	22	· Nill · Parkers	71-90-3	15	Nil
71-70-5	5	Trace (M)		22	Ni1
71-70-5	10	Trace	71-100-1	5	Trace (M)
71-70-5	15	Trace	71-100-1	10	Trace
71-70-5	22	Ni1	71-100-1	15	Ni1
71-70-6	5	Trace (M)	71-100-1	22	Ni1
71-80-3	5	No Sample	71-100-2	5	Trace (M)
71-80-3	10	0.27	71-100-2	10	Trace (M)
71-80-3	15	Trace	71-100-2	15	Trace (M)
71-80-3	22	Nil	71-100-2	22	Ni1
					continued

CHEMICAL & GEOLOGICAL LABORATORIES LIMITED

SIGMA EXPLORATIONS LIMITED **OPERATOR:**

REPORT NUMBER:

C69-4463

DATE SAMPLED:

DATE RECEIVED January-February, 1969 DATE REPORTED: March 11, 1969

Kind of Sample: Soil

15

22

· 10.

15

71-70-16

71-70-16

71-70-17

73.-70-17

71-70-17

71-70-17

Nil

1.14

Trace

Nil

Nil

No Sample

SAMPLE	DEPTH	ELEMENTAL SULFUR	CAMDIE	Danes	
NUMBER	(In Feet)	(% by Weight on Dry Sample)	SAMPLE NUMBER	DEPTH	ELEMENTAL SULFUR
71-70-6	10	Nil		(In Feet)	(% by Weight on Dry Sample)
71-70-6	15	Ni1	71-70-13	5	0.24
71-70-6	22	Nil	71-70-13	10	0.36
71-70-7	5	Trace	71-70-13	15	0.38
71-70-7	10	Nil	71-70-13	22	Trace
71-70-7	15	Nil	71-70-14 71-70-14	5	0.35
71-70-7	. 22	Trace	71-70-14	10	Trace
71-70-8	5	Trace (M)	71-70-14	15	0.23
71-70-8	10	Trace	71-70-14	22	Trace
71-70-8	15	Nil	71-70-15	3	Trace
71-70-8	22	0.41	71-70-15	10 15	Trace
71-70-10	5	Trace	71-70-15	22	Nil
71-70-10	10	Trace	71-70-19	22	Nil
71-70-10	15	0.45	71-70-19	10	Trace
71-70-10	22	0.15	71-70-19	15	Trace
71-70-11	5	0.34	71-70-19	22	Trace (M)
71-70-11	10	Trace	71-70-21	2.2 5	Trace
71-70-11	15	Nil	71-70-21	10	0.38
71-70-11	22	Trace	71-70-21	15	Trace
71-70-12	5	Trace	71-70-21	22	Ni1
71-70-12	10	Trace			0.31
71-70-12	15	Nil Nil			
71-70-12	22	0.20			주민이 성격을 잃었습니다 얼마다
71-70-16	5	Trace			
71-70-16	10	Trace			

