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STATOIL

WELL 6608/11 -1

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REGISTRERT
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GEOCHEMICAL ANALYSIS OF THE INTERVAL

1184 TO 1595M

PROJECT NO. 86/8/108GN.

BY

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I ABSTRACT

The Geochemical analyses show that the interval 1184 - 1244m contains thermally immature gas prone kerogen. No hydrocarbon generation can be expected with respect to its present state of maturity, and poor organic richness. From 1250 - 1268m the organic material is transitionally early mature to early mature. This interval exhibits moderate to good organic content but will only generate negligible amounts of gas. The well section from 1274 - 1292m has a poor to good organic source and is thermally mature. Negligible to poor amounts of gas may be generated. The interval from 1298 - 1595m has very poor organic content. No hydrocarbon generation can be expected at these levels or organic richness.

II INTRODUCTION

This report discusses the results of geochemical analyses carried out on cuttings covering the interval 1184 - 1595m from the Statoil 6608/11-1 Well.

Geochemical screening analyses (pyrolysis and T.O.C.) were undertaken on 61 samples at our wellsite Geochemical unit on board the Dyvi Stena using the Rock Eval 'Oil Shows Analyser' (O.S.A.)

Gearhart Geoconsultants Ltd staff involved in this project were:

S. Wooding O.S.A. Analyses.

The prepared samples, and other data are curated and stored at Gearharts laboratory in Bergen.

IIIA SUMMARY TABLE

| INTERVAL | THERMAL MATURITY | DOMINANT KEROGEN TYPE | ORGANIC RICHNESS | TYPE OF HYDROCARBON GENERATED |
|-------------------|---|------------------------|------------------|-------------------------------|
| 1184 - 1244M | IMMATURE | GAS PRONE TYPE III | POOR | NO HYDROCARBONS |
| 1250 - 1268M | TRANSITIONALLY EARLY MATURE TO EARLY MATURE | GAS PRONE TYPE III/IV. | MODERATE TO GOOD | NEGLIGIBLE GAS |
| - 1274 - 1292M | MATURE | GAS PRONE TYPE III | POOR TO GOOD | NEGLIGIBLE TO POOR GAS |
| 1298 - 1595M | UNKNOWN | UNKNOWN | VERY POOR | NO HYDROCARBONS |

IIIB. DISCUSSION

In the DSA pyrograms, the magnitude of S2 and the TOC indicate the organic richness of a source rock. S0 and S1 are indicative of the quantity of migrated free hydrocarbons. The magnitude of S2 quantifies the ability of the kerogen to produce hydrocarbons under thermal cracking.

Tmax gives a measure of the thermal maturity of the sample kerogen (<435 degrees C., thermally immature; 435 - 460 degrees C., oil generation window; 460 - 475 degrees C., gas generation only; >475 degrees C., spent source material).

The Hydrogen Index indicates whether a source rock is oil or gas prone. Oil prone sources give values greater than 250-300. Gas prone sources are usually less than 250. Hydrogen Indices of 100 or less indicate a poor source material that is hydrogen deficient or alternatively a spent source. In some cases where low levels of TOC occur the correspondingly low (<100) HI values are considered to be in the gas prone range.

N.B.

In samples where source potential (S2) and TOC content are very low Tmax and HI values become anomalous.

IIIC DESCRIPTION

The well section analysed (1184 - 1595m) has been divided into 4 intervals on the basis of thermal maturity.

INTERVAL 1184 - 1244M

Tmax maturity values over this interval indicate that source rock present is immature (406 - 420 degrees C.) One anomalous value of 443 degrees C was recorded at 1199m and may suggest the presence of some reworked mature material.

Pyrolysate yield (S2) and TOC content (circa 0.39 kg/ T and 0.44 % WT respectively) is considered low in terms of source rock potential and poor with respect to organic content. One exception was noted at 1199m where a small sample of dark grey shale / coal material was found to have a source potential of 26.36 kg/T and TOC content of 20.81 % WT.

This sample however would appear to be reworked material nontypical of the dominant light grey claystone lithology of this interval.

The residual organic carbon (ROC) expressed as a percentage of total organic carbon (TOC) indicates that a large amount (ca.90%) of the organic carbon present is either residual or inert ie. not involved in hydrocarbon production.

The HI levels are all within the gas prone range (43 - 194 mg S2/g TOC) and reflect the predominance of type III gas prone kerogen.

No significant quantities of free hydrocarbons were detected over this interval.

Hydrocarbon generation would not be expected between these depths due to very low source rock potential, and immaturity.

INTERVAL 1250 - 1268M

Maturity values from this section are indicative of transitionally early mature to early mature source rock (429 - 432 degrees C.). Again, one anomalous value of 394 degrees C. was recorded at 1256m which represents a sample of immature brown coal.

Pyrolysate yield is again low (ca. 0.73 kg/T), but T.O.C. content is considered moderate to good (0.48 - 1.81 % WT).

No significant lithological changes however were observed between these depths.

An exception was found at 1256m where a sample of brown coal recorded a pyrolysate yield (S2) of 13.39 kg/T and TOC content of 47.18%, Generally though, source potential is considered to be poor.

The ROC expressed as a percentage of TOC indicates that the bulk of organic matter over this interval is residual or inert. (ca. 94%).

Hydrogen indices are all very low (28-75 mg S2/g TOC) and are indicative of hydrogen deficient gas prone type III/IV kerogen.

Negligible amounts of free hydrocarbons were recorded between these depths.

Little or no hydrocarbon generation would be expected from this section due to poor source potential, immaturity and very poor kerogen quality.

INTERVAL 1274 - 1292M

Tmax values from this interval indicate that organic material present is thermally mature for hydrocarbon production (436 - 440 degrees C.).

Pyrolysate yield is generally low (0.26 - 1.87 kg/T) and TOC content varies from poor to good (0.08 - 1.91% WT). Source potential however is considered to be poor.

The ROC expressed as a percentage of TOC (R/T) indicates that the majority of organic carbon over this interval is residual ie. not involved in hydrocarbons (ca. 91%). A value of 72% at 1289m does suggest that a proportion of organic carbon is pyrolysable at this depth.

HI are again low (ca. 105 mg S2/g TOC) with an anomaly at 1289m with a value of 325 mg S2/g TOC. These again indicate the presence of Type III gas prone kerogen.

Little or no free hydrocarbons were measured in this section.

Negligible to poor hydrocarbon generation would be expected from this interval due to poor source potential.

INTERVAL 1298 - 1595M

Due to the very low levels of pyrolysate yield over this interval Tmax values are considered of little interpretation use. Values are considered to be anomalous when approaching the analytical limits of the O.S.A.. No valid estimate of source rock maturity can be made.

Pyrolysate yield and TOC content are extremely low (ca. 0.04 kg/T and 0.01% WT respectively) in this section. This is as expected in the sand sequence from 1322 to 1358m but also continues to remain very low in the barren marl / claystone section below. Source potential increases marginally between 1514 and 1526m but to no significant extent (0.16 - 0.19 kg/T)

No accurate estimate of the pyrolysable carbon potential (R/T) nor kerogen type can be made from ROC/TOC percentages or hydrogen indices.

Very little or no free hydrocarbons were detected over this interval.

No hydrocarbon generation can be expected from this interval due to its very poor source potential.

IIID CONCLUSION

1

The well section from 1184 - 1244m contains thermally immature gas prone kerogen. The interval has a poor organic source and no hydrocarbons can be expected to be generated.

2

From 1250 - 1268m the organic matter is transitionally early mature to early mature and has moderate to good organic content. Source potential is however very poor and is expected to generate only negligible quantities of gas.

3

The interval 1274 - 1292m is thermally mature and is again gas prone. Organic content is poor to good but source potential is low. Only negligible to poor quantities of gas can be expected.

4

The section from 1298 - 1595m has very low organic content and source potential. No hydrocarbon generation can be expected from this interval.

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ENCLOSURES

PARAMETERS MEASURED AND CALCULATED BY THE OIL SHOWS ANALYZER

Parameters Measured

These are:

- S_0 - light, free hydrocarbons evolved up to 80° C
- S'_1 - free hydrocarbons evolved from 80° C to 320° C
- S_2 - hydrocarbons evolved during programmed pyrolysis of sample kerogen from 320° C to 600° C
- S_4 - carbon dioxide evolved by combustion of residual organic carbon at 590° C

Parameters Calculated

GPI - gas production index =
$$\frac{S_0}{S_0 + S'_1 + S_2}$$

OPI - oil production index =
$$\frac{S'_1}{S_0 + S'_1 + S_2}$$

TPI - total production index =
$$\frac{S_0 + S'_1}{S_0 + S'_1 + S_2}$$

Tmax - temperature, during pyrolysis, at which the rate of hydrocarbon evolution reaches a maximum

TOC - total organic carbon

$$= 0.83 (S_0 + S'_1 + S_2) + \frac{12}{44} (S_4)$$

expressed as a percentage weight of the original sample

HI - hydrogen index = milligrams S_2 evolved per gram of TOC

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O S A STANDARD VALUES

Values of OSA Standard (59355)

| | | |
|------|---|----------------|
| S1 | = | 0.17 Kg/T |
| S2 | = | 3.95 Kg/T |
| S4 | = | 15.10 Kg/T |
| Tmax | = | 426 degrees C. |
| TOC | = | 1.85% |
| HI | = | 220 |

The calibration standard 59335 is a secondary standard calibrated against the IFP 37133 primary standard.

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GEOCHEMICAL DATA LOG

COMPANY: STATOIL

DATE: 14-8-86

WELL No: 6608/11-1

UNIT NUMBER: 4

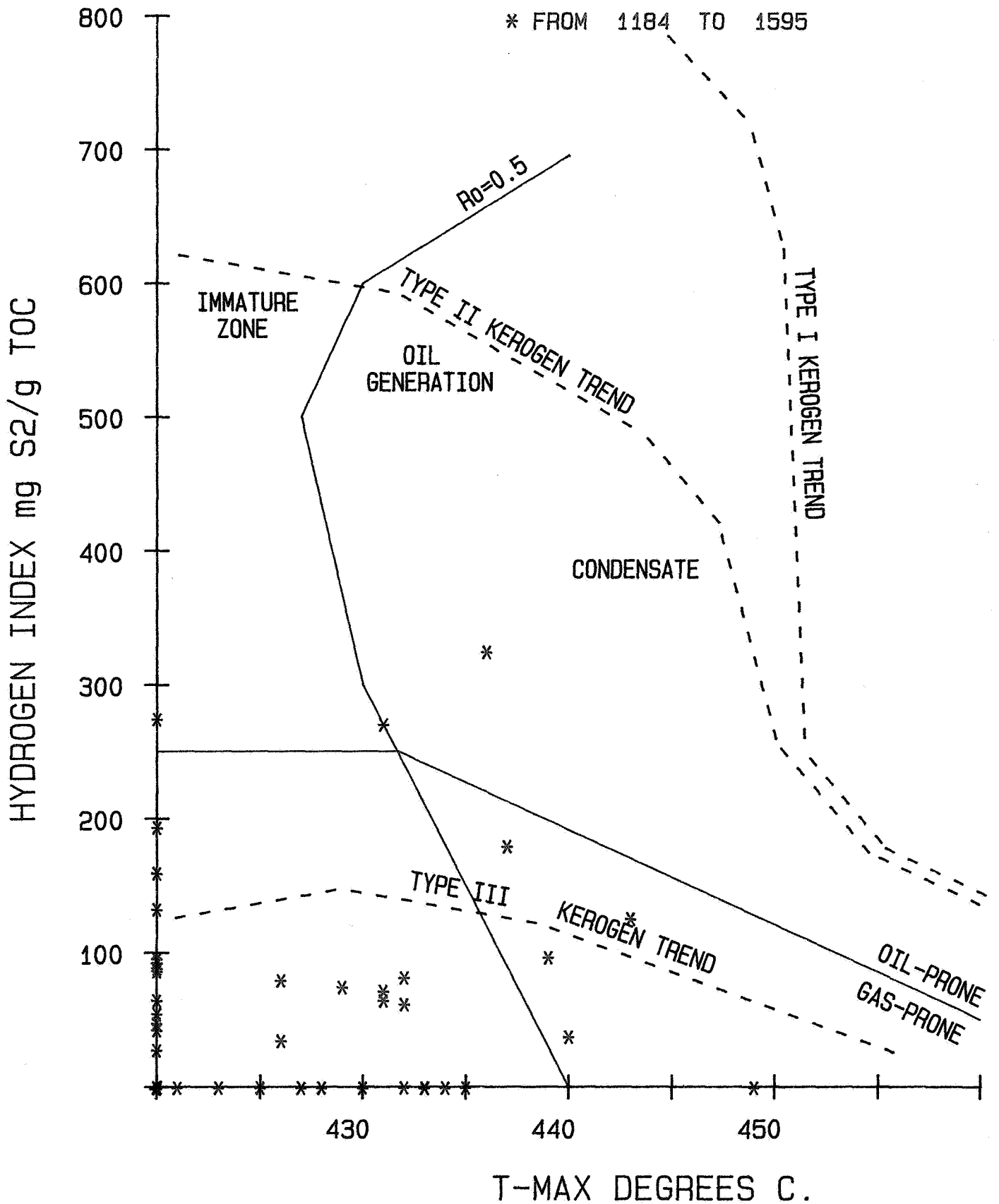
| REC. | DEPTH | WEIGHT | GAS | OIL | S2 | Tmax | TPI | ROC | R/T | TOC | HI |
|------|--------|--------|------|------|-------|--------|------|-------|------|-------|-------|
| 1 | 1184 | 76.40 | 0.00 | 0.10 | 0.24 | 416.00 | 0.29 | 0.46 | 0.94 | 0.49 | 48.0 |
| 2 | 1190 | 88.00 | 0.00 | 0.20 | 0.67 | 413.00 | 0.23 | 0.68 | 0.90 | 0.75 | 89.0 |
| | 1196 | 74.20 | 0.01 | 0.12 | 0.51 | 417.00 | 0.21 | 0.53 | 0.91 | 0.58 | 87.0 |
| 4 | 1199 | 2.20 | 0.00 | 0.45 | 26.36 | 443.00 | 0.02 | 18.58 | 0.89 | 20.81 | 126.0 |
| 5 | 1202 | 81.30 | 0.00 | 0.09 | 0.33 | 406.00 | 0.21 | 0.56 | 0.94 | 0.59 | 55.0 |
| 6 | 1208 | 69.30 | 0.00 | 0.08 | 0.27 | 414.00 | 0.24 | 0.26 | 0.90 | 0.29 | 93.0 |
| 7 | 1214 | 90.90 | 0.00 | 0.08 | 0.33 | 406.00 | 0.20 | 0.14 | 0.80 | 0.17 | 194.0 |
| 8 | 1220 | 76.30 | 0.00 | 0.09 | 0.32 | 417.00 | 0.22 | 0.17 | 0.83 | 0.20 | 160.0 |
| 9 | 1226 | 79.00 | 0.00 | 0.16 | 0.92 | 415.00 | 0.15 | 0.60 | 0.87 | 0.69 | 133.0 |
| 10 | 1232 | 80.30 | 0.00 | 0.06 | 0.24 | 415.00 | 0.20 | 0.23 | 0.90 | 0.25 | 96.0 |
| 11 | 1238 | 87.10 | 0.00 | 0.08 | 0.25 | 419.00 | 0.25 | 0.35 | 0.93 | 0.38 | 65.0 |
| 12 | 1244 | 105.30 | 0.00 | 0.03 | 0.22 | 420.00 | 0.12 | 0.49 | 0.96 | 0.51 | 43.0 |
| 13 | 1250 | 100.30 | 0.00 | 0.05 | 1.19 | 431.00 | 0.04 | 1.71 | 0.94 | 1.81 | 65.0 |
| 14 | 1256 C | 5.30 | 0.00 | 1.13 | 13.39 | 394.00 | 0.08 | 45.97 | 0.97 | 47.18 | 28.0 |
| 15 | 1256 | 99.00 | 0.00 | 0.06 | 1.01 | 431.00 | 0.06 | 1.30 | 0.94 | 1.39 | 72.0 |
| 16 | 1262 | 93.90 | 0.00 | 0.03 | 0.36 | 429.00 | 0.08 | 0.45 | 0.93 | 0.48 | 75.0 |
| 17 | 1268 | 111.00 | 0.00 | 0.03 | 0.38 | 432.00 | 0.07 | 0.58 | 0.94 | 0.61 | 62.0 |
| 18 | 1274 | 99.00 | 0.00 | 0.07 | 1.87 | 439.00 | 0.04 | 1.75 | 0.92 | 1.91 | 97.0 |
| 19 | 1280 | 106.70 | 0.00 | 0.00 | 0.41 | 440.00 | 0.00 | 1.03 | 0.97 | 1.06 | 38.0 |
| 20 | 1289 | 89.40 | 0.00 | 0.01 | 0.26 | 436.00 | 0.04 | 0.06 | 0.72 | 0.08 | 325.0 |
| 21 | 1292 | 98.10 | 0.00 | 0.01 | 0.38 | 437.00 | 0.03 | 0.18 | 0.85 | 0.21 | 180.0 |
| 22 | 1298 | 115.30 | 0.00 | 0.00 | 0.14 | 432.00 | 0.00 | 0.16 | 0.93 | 0.17 | 82.0 |
| 23 | 1304 | 79.60 | 0.00 | 0.00 | 0.05 | 426.00 | 0.00 | 0.14 | 0.97 | 0.14 | 35.0 |
| 24 | 1310 | 79.20 | 0.00 | 0.00 | 0.03 | 428.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| 25 | 1316 | 67.00 | 0.00 | 0.01 | 0.05 | 423.00 | 0.17 | 0.00 | 0.00 | 0.00 | 0.0 |
| 26 | 1322 | 40.00 | 0.00 | 0.00 | 0.00 | 333.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| 27 | 1328 | 100.50 | 0.00 | 0.00 | 0.04 | 433.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| 28 | 1334 | 86.00 | 0.00 | 0.00 | 0.00 | 378.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| 29 | 1340 | 108.70 | 0.00 | 0.00 | 0.00 | 368.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| 30 | 1346 | 88.60 | 0.00 | 0.00 | 0.00 | 350.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| 31 | 1352 | 60.40 | 0.00 | 0.00 | 0.03 | 449.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| 32 | 1358 | 84.30 | 0.00 | 0.00 | 0.03 | 433.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| 33 | 1364 | 53.10 | 0.00 | 0.00 | 0.01 | 428.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| 34 | 1370 | 81.00 | 0.00 | 0.00 | 0.03 | 427.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| 35 | 1376 | 103.40 | 0.00 | 0.00 | 0.00 | 433.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| 36 | 1382 | 67.90 | 0.00 | 0.00 | 0.00 | 399.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| 37 | 1388 | 59.40 | 0.00 | 0.02 | 0.02 | 300.00 | 0.25 | 0.00 | 0.00 | 0.00 | 0.0 |
| 38 | 1394 | 111.20 | 0.00 | 0.00 | 0.02 | 425.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| 39 | 1400 | 68.00 | 0.00 | 0.00 | 0.00 | 398.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| 40 | 1406 | 98.30 | 0.00 | 0.03 | 0.11 | 403.00 | 0.21 | 0.03 | 0.71 | 0.04 | 275.0 |

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| REC. | DEPTH | WEIGHT | GAS | OIL | S2 | Tmax | TPI | ROC | R/T | TOC | HI |
|------|-------|--------|------|------|------|--------|------|------|------|------|--------|
| 41 | 1412 | 82.60 | 0.00 | 0.01 | 0.00 | 362.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| 42 | 1418 | 97.60 | 0.00 | 0.00 | 0.00 | 306.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| 43 | 1427 | 105.60 | 0.00 | 0.00 | 0.03 | 408.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| 44 | 1433 | 107.90 | 0.00 | 0.00 | 0.01 | 380.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| 45 | 1442 | 103.40 | 0.00 | 0.00 | 0.01 | 427.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| 46 | 1452 | 87.70 | 0.00 | 0.02 | 0.09 | 404.00 | 0.20 | 0.01 | 0.00 | 0.00 | 0.0 |
| 47 | 1457 | 88.30 | 0.00 | 0.00 | 0.01 | 385.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| 48 | 1463 | 98.00 | 0.00 | 0.01 | 0.04 | 385.00 | 0.25 | 0.00 | 0.00 | 0.00 | 0.0 |
| 49 | 1472 | 105.60 | 0.00 | 0.00 | 0.15 | 433.00 | 0.00 | 0.00 | 0.25 | 0.01 | 1500.0 |
| 50 | 1478 | 113.40 | 0.00 | 0.00 | 0.14 | 435.00 | 0.00 | 0.00 | 0.16 | 0.01 | 1400.0 |
| 51 | 1484 | 90.40 | 0.00 | 0.01 | 0.03 | 434.00 | 0.25 | 0.00 | 0.00 | 0.00 | 0.0 |
| 52 | 1490 | 96.40 | 0.00 | 0.01 | 0.05 | 433.00 | 0.17 | 0.00 | 0.00 | 0.00 | 0.0 |
| 53 | 1502 | 96.00 | 0.00 | 0.00 | 0.02 | 433.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| 54 | 1514 | 90.00 | 0.00 | 0.10 | 0.16 | 432.00 | 0.38 | 0.00 | 0.08 | 0.02 | 800.0 |
| 55 | 1526 | 102.00 | 0.00 | 0.00 | 0.19 | 431.00 | 0.00 | 0.05 | 0.77 | 0.07 | 271.0 |
| 56 | 1538 | 53.40 | 0.00 | 0.01 | 0.05 | 433.00 | 0.17 | 0.00 | 0.00 | 0.00 | 0.0 |
| 57 | 1547 | 102.00 | 0.00 | 0.00 | 0.04 | 426.00 | 0.00 | 0.05 | 0.93 | 0.05 | 80.0 |
| 58 | 1556 | 82.40 | 0.00 | 0.00 | 0.03 | 421.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| 59 | 1562 | 83.90 | 0.00 | 0.01 | 0.05 | 428.00 | 0.17 | 0.00 | 0.00 | 0.00 | 0.0 |
| 60 | 1574 | 94.80 | 0.00 | 0.01 | 0.01 | 351.00 | 0.50 | 0.00 | 0.00 | 0.00 | 0.0 |
| 61 | 1595 | 95.90 | 0.00 | 0.02 | 0.05 | 430.00 | 0.33 | 0.01 | 0.00 | 0.00 | 0.0 |

C - DENOTES COAL FRACTION.

GEARHART GEOCONSULTANTS Ltd.
H.I./T.MAX CROSSPLOT
WELL NO: 6608/11-1



LITHOLOGICAL DESCRIPTIONSSTATOILWELL: 6608/11-1

| DEPTH (M) | LITHOLOGY PERCENTAGE | DESCRIPTION |
|-----------|--------------------------------------|---|
| 1184 | <u>100%</u> | CLYST, MED-LT GY, SFT, BLKY. SAMPLE BADLY CONTAMINATED WITH CEMENT |
| 1190 | <u>100%</u> | CLYST A/A |
| 1196 | <u>100%</u> | CLYST A/A |
| 1199 | <u>100%</u> TR TR | CLYST, LT GY/BRN, SFT, BLKY, N. CALC GLAUC DK GY/GN CLYST, FRM-MD HD, BLKY |
| 1202 | <u>100%</u> | CLYST A/A |
| 1208 | <u>100%</u> | CLYST LT GY/BRN A/A |
| 1214 | <u>90%</u> 10% | CLYST A/A SLTST DK GY, MOD-FRM, BLKY |
| 1220 | <u>90%</u> <u>10%</u> | CLYST A/A SLTST A/A |
| 1226 | <u>90%</u> <u>10%</u> | CLYST A/A SLTST A/A |
| 1232 | <u>100%</u> TR | CLYST LT-MED GY, MOD SFT, BLKY MICA |
| 1238 | <u>100%</u> | CLYST, YELL-OR, SFT, STKY |
| 1244 | <u>100%</u> | A/A |
| 1250 | <u>100%</u> TR | CLYST, MED GY, SFT, STKY MICA |
| 1256 | <u>100%</u> VHTR TR TR | CLYST A/A COAL BRN/BLK, SFT, CARB MICA SD, WH, TRANSL, MOD SRTD, MED RND |
| 1262 | <u>70%</u> <u>30%</u> TR TR | CLYST LT GY, SFT, FRI SD, WH, TRANSP, MOD SRTD, MED-W RND COAL PYRITE |

GEARHART GEO CONSULTANTS LTD.

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| 1268 | 50% <u>50%</u> | SD A/A CLYST A/A |
| 1274 | 60% <u>40%</u> | CLYST A/A SD A/A |
| 1280 | 80% <u>20%</u> | SD, LS QTZ, ANG-SB ANG, MOD SRTD CLYST A/A <u>VERY POOR SAMPLE QUALITY</u> |
| 1289 | 90% <u>10%</u> | SD A/A CLYST A/A |
| 1292 | 80% <u>20%</u> | SD A/A CLYST A/A <u>VERY POOR SAMPLE QUALITY</u> |
| 1298 | 80% <u>10%</u> <u>10%</u> | SD A/A CLYST A/A LST A/A |
| 1304 | 90% <u>10%</u> | SD A/A CLYST, LT GY, SFT, BLKY, SLTY |
| 1310 | 90% <u>10%</u> | CLYST LT GY, STKY, SLTY SD QTZ A/A |
| 1316 | 90% <u>10%</u> | CLYST A/A SD A/A |
| 1322 | 90% <u>10%</u> | SD, WH, OPAQUE, MOD SRTD, SB ANG-SB RND CLYST, LT GY, MOD SFT, BLKY |
| 1328 | 90% <u>10%</u> | SD A/A CLYST A/A |
| 1334 | 95% <u>5%</u> | SD A/A CLYST A/A |
| 1340 | <u>100%</u> | SD A/A |
| 1346 | <u>100%</u> | SD, WH, OPAQUE, MOD SRTD, SB ANG-SB RND |
| 1352 | 95% <u>5%</u> | SD A/A CLYST, LT GY A/A |
| 1358 | 95% <u>5%</u> | SD, WH, OPAQUE A/A CLYST A/A |
| 1364 | 70% <u>20%</u> <u>10%</u> | CLYST WH, GY, BLKY, HD CLYST, LT GY, SFT, BLKY SD, WH, OPAQUE A/A |

GEARHART GEO CONSULTANTS LTD.

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| 1370 | <u>90%</u> <u>10%</u> | CLYST. LT GY, GRN, MOD SFT, STKY. BLKY CALC LST, WH GY. BLKY, MOD HD |
| 1376 | <u>100%</u> | CLYST/MARL, LT GY, GRN, MOD SFT, CALC A/A |
| 1382 | <u>80%</u> TR <u>20%</u> | MARL/CLYST, LT GY. BL, GRN, SFT, CALC SD SLTST, DK GY, BRN, FRM-MD |
| 1388 | <u>80%</u> <u>20%</u> | MARL/CLYST A/A SLTST A/A |
| 1394 | <u>80%</u> <u>20%</u> | MARL/CLYST A/A SLTST A/A |
| 1400 | <u>100%</u> TR | MARL/CLYST A/A PYRITE |
| 1406 | <u>100%</u> | CLYST/MARL A/A |
| 1412 | <u>100%</u> | CLYST/MARL A/A |
| 1418 | <u>100%</u> | CLYST/MARL A/A |
| 1427 | <u>100%</u> | CLYST/MARL A/A |
| 1433 | <u>100%</u> | CLYST/MARL LT GY GRN, CALC, BLKY, SFT-FRM |
| 1442 | <u>100%</u> | A/A |
| 1452 | <u>100%</u> | CLYST LT GY, GRN, BRN A/A |
| 1457 | <u>100%</u> | CLYST, DK GY, GRN BRN, BLKY, MOD-HD, FRM, CALC |
| 1463 | <u>100%</u> | CLYST/MARL A/A |
| 1472 | <u>100%</u> | CLYST/MARL A/A |
| 1478 | <u>100%</u> | CLYST/MARL A/A |
| 1484 | <u>100%</u> | CLYST/MARL GY. GRN, BRN, RD, FRM, BLKY, CALC |
| 1490 | <u>100%</u> | CLYST/MARL A/A |
| 1496 | <u>100%</u> | CLYST/MARL A/A <u>NOT ANALYSED</u> |
| 1502 | <u>100%</u> | CLYST/MARL A/A |
| 1508 | <u>100%</u> | CLYST/MARL, LT GY, GRN, BRN, BLKY, FRM, CALC <u>NOT ANALYSED</u> |
| 1514 | <u>100%</u> | A/A |

GEARHART GEO CONSULTANTS LTD.

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| 1526 | <u>100%</u> | CLYST/MARL GY, GRN, FRM, BLKY, CALC |
| 1538 | <u>100%</u> | A/A |
| 1547 | <u>100%</u> | CLYST/MARL, BRN, LT GY, CALC, BLKY |
| 1556 | <u>100%</u> | A/A |
| 1562 | <u>100%</u> | CLYST/MARL BRN, RD, CALC, SFT-FRM |
| 1574 | <u>90%</u> <u>10%</u> | CLYST/MARL A/A SD, WH, OPAQUE, MOD SRTD, SUB ANG-SUB RND |
| 1595 | <u>100%</u> | CLYST/MARL, RD, BRN, BLKY, FRM, CARB |

FRACTION UNDERLINED = FRACTION ANALYSED.