



FINKE NO 1 WELL LOG

Elevation: KB: 531.5m
DF: N.A.
GL: 530m (approx)

Permit: OP 175 Basin: AMADEUS State: NORTHERN TERRITORY

Location: Longitude 132°56'57" Latitude 24°10'04"

Drilling Commenced 26-4-83

Rig Released 22-5-83

Status Plugged & Aband. TD 509.3m

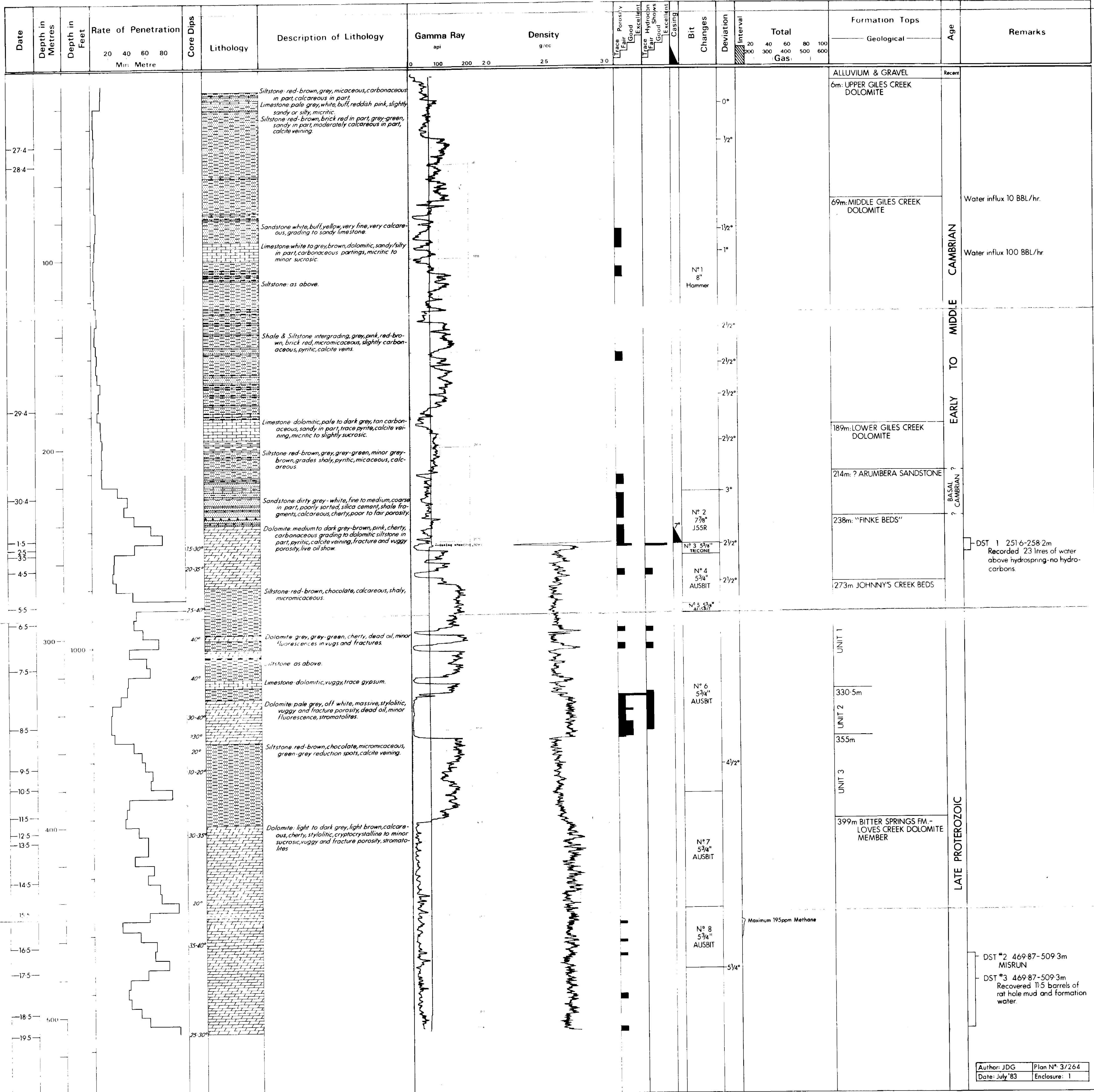
| Partners | Share % |
|------------------------|----------|
| MAGELLAN PETROLEUM | 30.8705% |
| PANCONTINENTAL PET. | 15.9484% |
| MOONIE OIL | 14.1704% |
| AMADEUS OIL | 9.8891% |
| IEDC | 4.9566% |
| FARMOUT DRILLERS | 4.6306% |
| UNITED (CANSOINT) PL | 3.9908% |
| APOLLO INT. | 3.2113% |
| OILMIN NL | 1.5822% |
| CHARLES DAVIS LTD. | 1.3763% |
| TRANSOIL NL | 0.0705% |
| CANADA STRN. PET. LTD. | 0.0152% |
| PETROMIN NL | |

Hole Size
5 3/4"
and 7" casing

| Logs | Interval |
|---|-------------|
| British Plaster Board Instruments Ltd. Linearised Density | 3-508 |
| Coal Combination | 250-508 |
| Multichannel Sonic | 250-508 |
| Dual Neutron | 3-507 |
| Focused Electric | 250-508 |
| Spontaneous Potential | 250-508 |
| Dipmeter System | 250-508 |
| Geoscience Associates Australia Ltd. Dual Density | 251-508 |
| Neutron | 0-509.05 |
| 16" Normal/64" Normal | 240-505/504 |
| 64" Normal | 254-502.5 |
| 6" Lateral | 240-501 |

LEGEND

| | | | | | | | |
|------|-----------------------|----|---------------|--|--------------|--|------------------|
| A D | Age Dated | // | Anhydritic | | Shale | | Salt |
| CSL | Check Shot Level | B | Bentonitic | | Siltstone | | Coal |
| CO | Circulate Out | ⊥ | Calcareous | | Sandstone | | Anhydrite |
| CC | Conventional Core | ⊥ | Dolomitic | | Conglomerate | | Chert |
| CB | Core Bit | F | Fossiliferous | | Tillite | | Volcanics |
| DC | Depth Correction | ∨ | Glaucanitic | | Marl | | Crystalline Bsmt |
| DS | Directional Survey | ◇ | Oolitic | | Limestone | | No Sample |
| DFwt | Drilling Fluid Weight | P | Pyritic | | Dolomite | | |
| DST | Drill Stem Test | | | | | | |
| fc | Filter Cake | | | | | | |
| fit | Flowline Temperature | | | | | | |
| GA | Geochemical Analysis | | | | | | |
| LAT | Logged After Trip | | | | | | |
| NB | New Bit | | | | | | |
| Sal | Salinity | | | | | | |
| SWC | Sidewall Core | | | | | | |
| TG | Trip Gas | | | | | | |
| TGR | Trip Gas Recycle | | | | | | |
| WL | Water Loss | | | | | | |
| WOB | Weight on Bit | | | | | | |



Hydrocarbon Well Log PR34/53

Operator PANCONTINENTAL PETROLEUM F.L. File No. GL 004 001
 Well PINKIE NO. 1 Field ANADARKUS BASIN
 Location 24°10'09"N 102°55'55"W Country/State N.T.
 Elevation KB GL 480M. Remarks:
 Depth Logged GL To
 Date Logged 23/04/83
 Analysts HIGGINS, L.R.G.
 Instrumentation REC, TOTAL GAS, DEPTH, ROP, UV.

LEGEND

- CO - Circulate Out
- CG - Connection Gas
- CB - Core Bit
- DC - Depth Correction
- DS - Directional Survey
- WF - Drill Fluid Weight
- DST - Drill Stem Test
- FC - Filter Cake
- F/T - Flowline Temp
- LAT - Logged After Trip
- NB - New Bit
- NR - No Returns
- PP - Pump Pressure
- SPM - Pump Strokes
- RPM - Rotary Strokes
- Sat - Salinity
- S/T - Suction Temp
- TG - Trip Gas
- TGR - Trip Gas Recycle
- Vis - Viscosity
- Wl - Water Loss
- WOB - Water On Bit

LITHOLOGY MODIFIERS

- // - Anhydritic
- B - Bentonitic
- L - Laminar
- Z - Dolomitic

GAS CURVES

Produced Gas - Dashed Curve
 Total Gas - Solid Line

GAS CURVES LEGEND

- Methane C₁ - 1
- Ethane C₂ - 2
- Propane C₃ - 3
- iso-Butane & Normal Butane C₄ - 4
- Oil Indicator C₅ + C₆ - 5

HYDROCARBON DETECTION AND ANALYSIS

| DRILLING FLUID | | CUTTINGS | |
|--------------------------------------|-------------|-------------|--|
| TOTAL GAS reported in gas units | 10 100 1000 | 10 100 1000 | |
| OIL INDICATOR reported without units | 10 100 1000 | 10 100 1000 | |
| CHROMATOGRAPHY reported in percent | 10 100 1000 | 10 100 1000 | |

INTERPRETIVE LITHOLOGY

NO GAS BEARINGS
 DIFF. NATURE OF
 'BICOPI' LINE

DATA LITHOLOGY TEST RESULTS ETC.

ALL TESTS 0600 hrs
 FUZZED 0600 hrs 26/04/83

DRILL #/- AIR

27/04/83
 MISTING

28/04/83

29/04/83

30/04/83

01/05/83

02/05/83

04/05/83

05/05/83

06/05/83

07/05/83

08/05/83

09/05/83

10/05/83

11/05/83

12/05/83

13/05/83

14/05/83

15/05/83

16/05/83

17/05/83

18/05/83

POROSITY

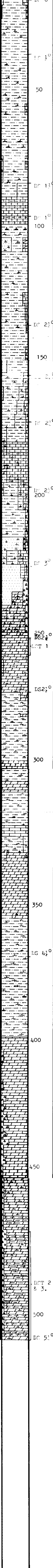
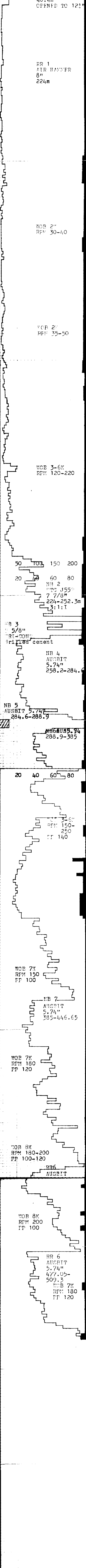
TRACE
 POOR
 FAIR
 GOOD
 EXCELLENT

PENETRATION RATE

MIN / M, HRS

LITHOLOGY IN PERCENT

DEPTH IN METERS



9 5/8" CASING

7" CASING

DST NO. 1
 251.6-258.2M
 RECOVERED 0.2 PBL
 RATHOLE MUD.

NO HYDROCARBONS LIBERATED
 BACKGROUND 3-4 UNITS OF
 HYDROGEN FROM CEMENT

MAX 1950PM METHANE

WD 509.3 RAN WEP PIPELINE LOGS
 CONIC MOD, GR, ST, FEL, GR, DENSITY
 CAL COG, NEUTRON, DIAMETER.
 ALSO RAN GEOCHEMISTRY LOGS GR, ST,
 NEUTRON, 16/64 NORMAL, LAT/FAL,
 EQUAL DENSITY, CAL.

DST NO. 2 FAILED. 469.87-509.3.
 DST NO. 3 RECOVERED 11.5 PBL RATHOLE
 MUD AND FORMATION WATER.

REACHED TOTAL DEPTH AT 20.30 HRS.
 DRILLERS DEPTH: 509.3m
 LOGGERS DEPTH: 509.05m

DRILL #/- AIR

27/04/83
 MISTING

28/04/83

29/04/83

30/04/83

01/05/83

02/05/83

04/05/83

05/05/83

06/05/83

07/05/83

08/05/83

09/05/83

10/05/83

11/05/83

12/05/83

13/05/83

14/05/83

15/05/83

16/05/83

17/05/83

18/05/83

WATER 100 bbls/hr
 R_w 6.2 @ 21°C

Wt 0.8
 Vis 36
 pH 9.5
 Wl 6.6
 Sal 36K
 Nit 100

Wt 0.8
 Vis 36
 pH 9.5
 Wl 5.7
 Sal 36K
 Nit 80

SURFICIAL, coarse, immature, sub ang, scree and outwash, quartzite boulders, clay infill.

SILTSTONE, rd-brn, med gy, fm-mod hd, blk, v mic, carb, tr calc.

SILTSTONE, pl gy-wh-buff, tr sandy, carb mottling, micritic fm-hd.

SILTSTONE, rd-brn, brick rd, v ferrug, haem, mic, tr limonite, tr calc, occ aren, tr dk gy-blk shale, micro mic

SILTSTONE, rd-brn, occ gy-grn-brn, argil, occ aren, mod mic, fm-hd, sli-mod calc, blk-sub fiss, calcite veins.

LIMESTONE, reddish plnk-cream, pl gy, dol i/p, hd, brittle, sli sandy/silty, micritic, occ carb partings, sucrosic i/p. 92-95m; yell-gy micrite, fairly pure.

SANDSTONE, yell-gy, wh-cir, v in grn, sli/limonitic cant, occ calc mod sort, tr kaolin.

SILTSTONE, rd-brn, gy-brn, mottled i/p, fm-hd micro mic, sli calc, blocky-splintery, occ sandy i/p, tr carb.

LIMESTONE, gy-tan, micritic, nd, silty/sandy i/p.

SILTSTONE, med gy, fm-hd blk, micro mic, non calc, occ tr pink, tr carb, pyritic, calcite veins i/p.

SILTSTONE, dk gy-blk, pl rd-pink, brick rd, ext mic, sli carb, pyritic, fm-hd, calcite veining, gdes to shale

LIMESTONE, dolomitic, pl gy-tan-med/dk gy, nd brittle, carb i/p, sandy/silty, calcite veining, tr pyr, occ sucrosic, tr translucent.

SILTSTONE, pl-med gy, gy-grn, micro mic, calc occ gy-brn, blk, gdes to shale, pyr.

SANDSTONE, fm-med grn, occ coarse, dirty gy-wh, occ cir, tr pyr mtr sub ang-sub rnd, poor sort, sli cant, mic i/p occ lithic shale frag poor-fair Ø, v immat.

LIMESTONE, wh-pl gy, occ carb, much xstine calcite, vug/vein infill, pyritic, occ banded, vslu flu, tr cut.

DOLOMITE, med gy-brn, gy-pl pink, calc, cherty, tr silty, micritic, splintery, sub conc frac i/p, occ dk gy carb partings, pyr, xstine calcite 10%.

Poor show 252.6-253 fair-gd frac vug por, 40% vol bri y/gld flu fast strng cut, bri resid ring, live liq oil pl brn straw also v poor show a/a 254.2-255.5. Bedding 20-35°

SILTSTONE: red brn-choc, mod calc, shaly, finely microcalc. Bedding 35-40°

Frag irreg blebs, blob s gry carb, calc argill inclusions redox

DOLOMITE: pl gr-pl gry grn, hd, cherty i p, gilsonite i/p, v pr shows i/p

DOLOMITE: pl gry-off wh, hd, micritic-vf sucrosic, mod brecc frac, gypsil i/p, occ fa ir vug fract por, poor show 304.6-308.5. Veins cse xline cte.

SILTSTONE: a/a.

CALC. LOL a/a, gilson i/p.

DOLOMITE: Pl gry, off wh, hd massive, stylol mod frac, brecc, vuggy veins dog tooth cte, sporadic v poor show s throughout, gilson dead oil frag, occ fa ir gd vug por, Bedding 20-30°

SILTSTONE: rd brn, occ choc brn, v ferrug, micro mic, v hd, brittle, sub conch frac i/p mod-v calc, siliceous i/p, frequent local reduction gives gy-grn blobs/blebs, micro-faulted i/p, tr calcite veins/disseminations, bedding 20-30°.

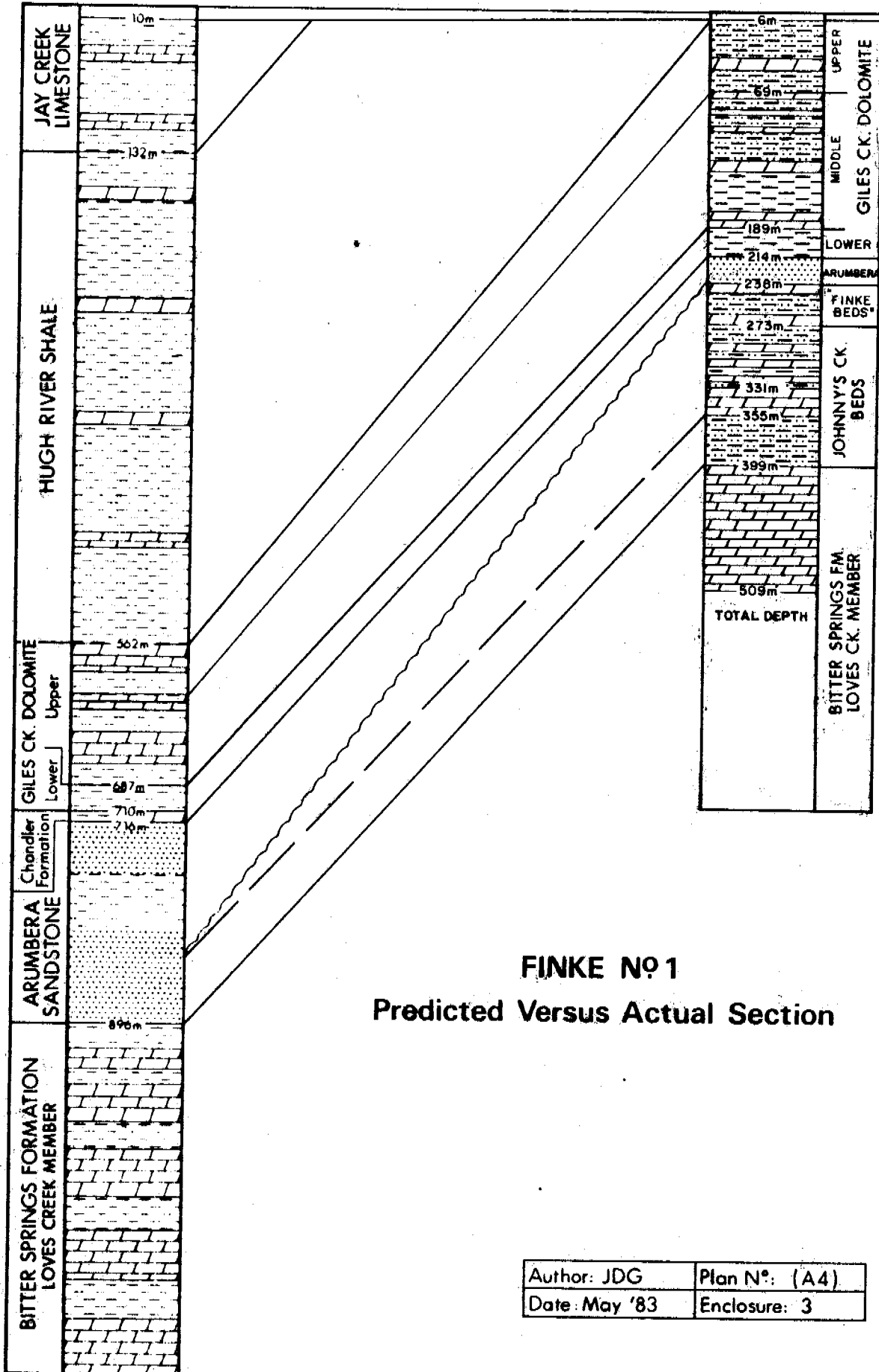
DOLOMITE: Calcareous, lt gry-wh, hd, dense, massive, cryptoxilines v f microsucrosic, v lightly fract, freq stylolitic, occ irreg veins carbonac mat & argillaceous mat, occ ex f peppering pyte. Tight por.

DOLOMITE, v pl gy-pl gy-brn, v hd, massive, calcite veining common, freq stylolitic, occ carb/shaley partings, dense chert inclusions, gy-wh, occ in brecciated bands, often finely banded, algal stromatolites, tight Ø, tr frac/vug Ø

DOLOMITE, v pl brn-gy, predom micritic, v occ sparry, v hd, massive i/p, freq frac/brecciated, stylolites dec sli w/- depth, mostly cherty, occ thin bands dense wh chert, occ v thin shaley banding, pale pink-red brn, dk gy-brn, micro mic, fiss-sub fiss, fm-mod haem, argillate often heavily veined w/- calcite stromatolites mod fr, occ, csp 442-5 m.

Predicted

Actual

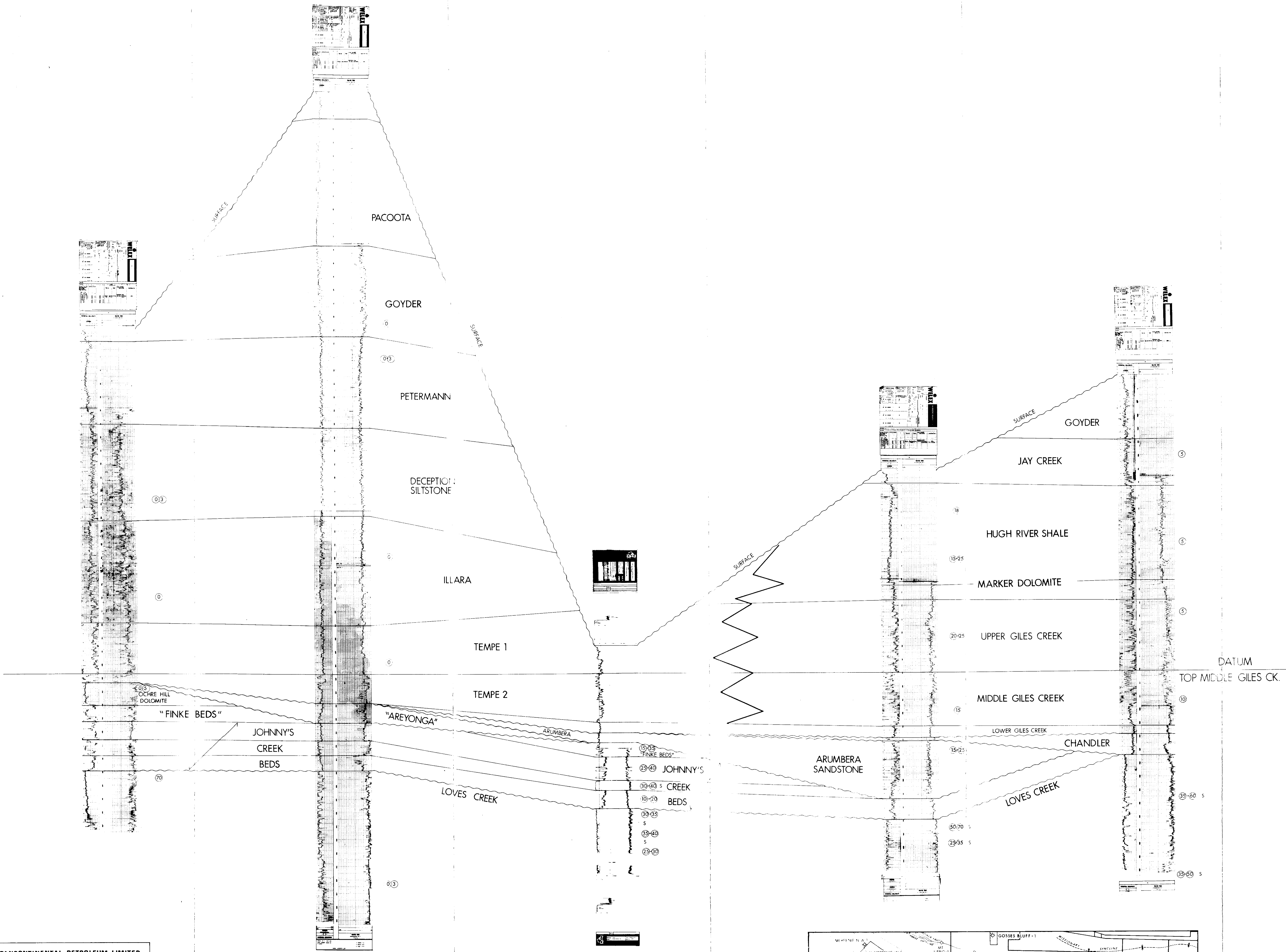


FINKE Nº 1

Predicted Versus Actual Section

| | |
|---------------|---------------|
| Author: JDG | Plan Nº: (A4) |
| Date: May '83 | Enclosure: 3 |

PR 84/158



PANCONTINENTAL PETROLEUM LIMITED

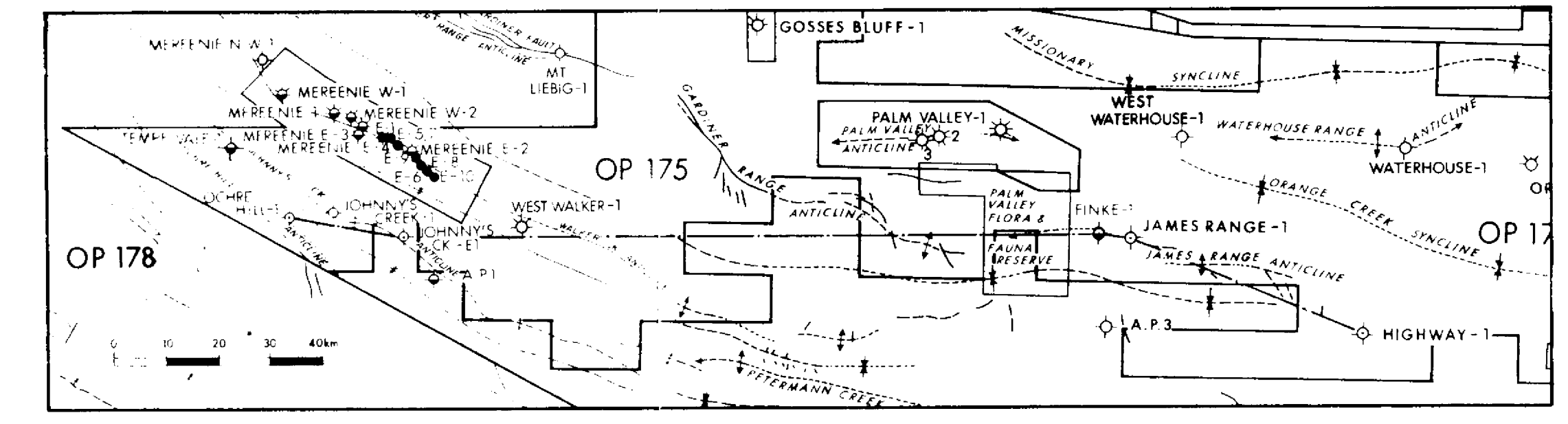
AMADEUS BASIN - NORTHERN TERRITORY
OP 175

WELL CORRELATION SHEET

OCHRE HILL N°1, EAST JOHNNY CREEK N°1, FINKE N°1,
JAMES RANGE A N°1, HIGHWAY N°1

| | | |
|----------------|---------------|----------------|
| Author: J.D.G. | Drawn: J.W.M. | Plan N°: 3/222 |
| Date: June '83 | PRR4/58 | Enclosure: 4 |

LEGEND
DIPS ③
Stromatolites S



KEY TO ROCK-EVAL PYROLYSIS DATA SHEET

| <u>PARAMETER</u> | <u>SPECIFICITY</u> | |
|---------------------------------|---|--|
| T max | position of S ₂ peak in temperature program (°C) | Maturity/Kerogen type |
| S ₁ | kg hydrocarbons (extractable)/tonne rock | Kerogen type/Maturity/Migrated oil |
| S ₂ | kg hydrocarbons (kerogen pyrolysate)/tonne rock | Kerogen type/Maturity |
| S ₃ | kg CO ₂ (organic)/tonne rock | Kerogen type/Maturity * |
| S ₁ + S ₂ | Potential Yield | Organic richness/Kerogen type |
| PI | Production Index (S ₁ /S ₁ + S ₂) | Maturity/Migrated Oil |
| PC | Pyrolysable Carbon (wt. percent) | Organic richness/Kerogen type/Maturity |
| TOC | Total Organic Carbon (wt. percent) | Organic richness |
| HI | Hydrogen Index (mg h'c (S ₂)/g TOC) | Kerogen type/Maturity |
| OI | Oxygen Index (mg CO ₂ (S ₃)/g TOC) | Kerogen type/Maturity * |

*Also subject to interference by CO₂ from decomposition of carbonate minerals.

TABLE 3

RESIDUAL OIL ANALYSIS

WELL: FINKE NO 1

SAMPLE: 252.6-252.8 M

weight of sample extracted 92.9 g
 weight of eom 76.8 mg
 extracted organic matter 827 ppm

ANALYSIS OF EXTRACTED ORGANIC MATTER, (%)

SATURATES 55.8
 AROMATICS 4.8
 RESINS 28.0
 ASPHALTENES 11.8

N-ALKANE DISTRIBUTION OF SATURATES

| C-NO. | % | C-NO. | % | C-NO. | % | C-NO. | % | C-NO. | % |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 12 | .0 | 17 | 6.1 | 22 | 7.2 | 27 | 3.1 | 32 | 1.8 |
| 13 | .5 | 18 | 7.9 | 23 | 6.6 | 28 | 3.8 | 33 | 1.4 |
| 14 | 1.4 | 19 | 9.8 | 24 | 6.4 | 29 | 4.2 | 34 | 1.3 |
| 15 | 2.5 | 20 | 8.1 | 25 | 6.1 | 30 | 3.0 | 35 | 1.0 |
| 16 | 3.9 | 21 | 8.1 | 26 | 4.7 | 31 | 2.0 | 36 | .0 |

ISOPRENOID DISTRIBUTION IN SATURATES

TMTD/pristane ratio .57
 nonpristane/pristane ratio .8
 pristane/phytane ratio .97
 pristane/C-17 ratio .37
 phytane/C-18 ratio .3

ODD EVEN PREDOMINANCE

O.E.P. C-17 = 1.02
 O.E.P. C-19 = 1.05
 O.E.P. C-25 = 1.03
 O.E.P. C-27 = .85

TABLE 4

RESIDUAL OIL ANALYSIS

WELL: FINKE NO 1

SAMPLE: 252.8-253.0 M

weight of sample extracted 98.34 g
 weight of eom 116.8 mg
 extracted organic matter 1188 ppm

ANALYSIS OF EXTRACTED ORGANIC MATTER, (%)

SATURATES 53.3
 AROMATICS 9.2
 RESINS 34.0
 ASPHALTENES 3.6

N-ALKANE DISTRIBUTION OF SATURATES

| C-NO. | % | C-NO. | % | C-NO. | % | C-NO. | % | C-NO. | % |
|-------|-----|-------|------|-------|-----|-------|-----|-------|-----|
| 12 | .3 | 17 | 7.0 | 22 | 7.0 | 27 | 3.1 | 32 | 1.6 |
| 13 | .7 | 18 | 7.9 | 23 | 6.6 | 28 | 3.7 | 33 | 1.0 |
| 14 | 1.5 | 19 | 10.1 | 24 | 5.7 | 29 | 4.0 | 34 | .0 |
| 15 | 4.0 | 20 | 7.9 | 25 | 5.9 | 30 | 3.1 | 35 | .0 |
| 16 | 5.0 | 21 | 7.8 | 26 | 4.3 | 31 | 1.9 | 36 | .0 |

ISOPRENOID DISTRIBUTION IN SATURATES

TNTD/pristane ratio .66
 nonpristane/pristane ratio .69
 pristane/phytane ratio 1
 pristane/C-17 ratio .52
 phytane/C-18 ratio .46

ODD EVEN PREDOMINANCE

O.E.P. C-17 = 1.09
 O.E.P. C-19 = 1.19
 O.E.P. C-25 = 1.13
 O.E.P. C-27 = .88

TABLE 5

RESIDUAL OIL ANALYSIS

WELL: FINKE NO 1

SAMPLE: 253.5-253.65 M

weight of sample extracted 100.25 g
 weight of eom 101.3 mg
 extracted organic matter 1010 ppm

ANALYSIS OF EXTRACTED ORGANIC MATTER, (%)

SATURATES 54.7
 AROMATICS 8.9
 RESINS 31.2
 ASPHALTENES 5.2

N-ALKANE DISTRIBUTION OF SATURATES

| C-NO. | % | C-NO. | % | C-NO. | % | C-NO. | % | C-NO. | % |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 12 | .1 | 17 | 5.9 | 22 | 8.8 | 27 | 3.6 | 32 | 1.6 |
| 13 | .4 | 18 | 6.8 | 23 | 8.1 | 28 | 4.2 | 33 | 1.0 |
| 14 | 1.0 | 19 | 9.4 | 24 | 6.3 | 29 | 3.7 | 34 | .0 |
| 15 | 2.9 | 20 | 8.0 | 25 | 6.6 | 30 | 2.6 | 35 | .0 |
| 16 | 3.0 | 21 | 8.5 | 26 | 6.0 | 31 | 1.6 | 36 | .0 |

ISOPRENOID DISTRIBUTION IN SATURATES

TMTD/pristane ratio .71
 nonpristane/pristane ratio .71
 pristane/phytane ratio 1
 pristane/C-17 ratio .44
 phytane/C-18 ratio .37

ODD EVEN PREDOMINANCE

O.E.P. C-17 = 1.21
 O.E.P. C-19 = 1.19
 O.E.P. C-25 = 1.05
 O.E.P. C-27 = .79

TABLE 6

RESIDUAL OIL ANALYSIS

WELL: FINKE NO 1

SAMPLE: 253.65-253.75 M

weight of sample extracted 98.97 g
 weight of eom 103.7 mg
 extracted organic matter 1048 ppm

ANALYSIS OF EXTRACTED ORGANIC MATTER, (%)

SATURATES 54.0
 AROMATICS 8.4
 RESINS 31.1
 ASPHALTENES 6.6

N-ALKANE DISTRIBUTION OF SATURATES

| C-NO. | % | C-NO. | % | C-NO. | % | C-NO. | % | C-NO. | % |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 12 | .2 | 17 | 4.4 | 22 | 8.4 | 27 | 3.6 | 32 | 1.7 |
| 13 | .3 | 18 | 5.5 | 23 | 8.4 | 28 | 3.7 | 33 | 1.2 |
| 14 | 1.3 | 19 | 9.3 | 24 | 7.4 | 29 | 4.0 | 34 | .0 |
| 15 | 2.1 | 20 | 9.2 | 25 | 7.0 | 30 | 3.3 | 35 | .0 |
| 16 | 2.5 | 21 | 8.9 | 26 | 5.6 | 31 | 1.9 | 36 | .0 |

ISOPRENOID DISTRIBUTION IN SATURATES

TMTD/pristane ratio .67
 nonpristane/pristane ratio .67
 pristane/phytane ratio .68
 pristane/C-17 ratio .48
 phytane/C-18 ratio .56

ODD EVEN PREDOMINANCE

O.E.P. C-17 = 1.18
 O.E.P. C-19 = 1.18
 O.E.P. C-25 = 1.04
 O.E.P. C-27 = .9

TABLE 7

RESIDUAL OIL ANALYSIS

WELL: FINKE NO 1

SAMPLE: 253.75-253.9 M

weight of sample extracted 98.24 g
 weight of eom 82.7 mg
 extracted organic matter 842 ppm

ANALYSIS OF EXTRACTED ORGANIC MATTER, (%)

SATURATES 59.4
 AROMATICS 6.9
 RESINS 28.2
 ASPHALTENES 5.6

N-ALKANE DISTRIBUTION OF SATURATES

| C-NO. | % | C-NO. | % | C-NO. | % | C-NO. | % | C-NO. | % |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 12 | .1 | 17 | 7.2 | 22 | 7.7 | 27 | 3.5 | 32 | 1.6 |
| 13 | .3 | 18 | 7.2 | 23 | 6.7 | 28 | 3.4 | 33 | .9 |
| 14 | .7 | 19 | 8.9 | 24 | 7.0 | 29 | 3.7 | 34 | .6 |
| 15 | 1.9 | 20 | 9.2 | 25 | 6.2 | 30 | 2.8 | 35 | .7 |
| 16 | 4.5 | 21 | 8.3 | 26 | 5.0 | 31 | 1.8 | 36 | .0 |

ISOPRENOID DISTRIBUTION IN SATURATES

TMTD/pristane ratio .34
 nonpristane/pristane ratio .77
 pristane/phytane ratio 1.09
 pristane/C-17 ratio .45
 phytane/C-18 ratio .41

ODD EVEN PREDOMINANCE

O.E.P. C-17 = 1.15
 O.E.P. C-19 = 1.05
 O.E.P. C-25 = .98
 O.E.P. C-27 = .92

TABLE 3

RESIDUAL OIL ANALYSIS

WELL: FINKE NO 1

SAMPLE: 254.2-254.3 M

weight of sample extracted 100.22 g
 weight of eom 41.5 mg
 extracted organic matter 414 ppm

ANALYSIS OF EXTRACTED ORGANIC MATTER, (%)

SATURATES 40.2
 AROMATICS 5.1
 RESINS 45.5
 ASPHALTENES 9.2

N-ALKANE DISTRIBUTION OF SATURATES

| C-NO. | % | C-NO. | % | C-NO. | % | C-NO. | % | C-NO. | % |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 12 | .1 | 17 | 9.7 | 22 | 6.3 | 27 | 3.3 | 32 | 1.4 |
| 13 | .2 | 18 | 8.7 | 23 | 5.6 | 28 | 3.1 | 33 | 1.4 |
| 14 | 1.6 | 19 | 8.2 | 24 | 4.8 | 29 | 3.4 | 34 | .8 |
| 15 | 5.1 | 20 | 8.2 | 25 | 4.8 | 30 | 2.7 | 35 | .5 |
| 16 | 7.6 | 21 | 7.2 | 26 | 3.7 | 31 | 1.8 | 36 | .0 |

ISOPRENOID DISTRIBUTION IN SATURATES

TMTD/pristane ratio .69
 nonpristane/pristane ratio .96
 pristane/phytane ratio 1.02
 pristane/C-17 ratio .32
 phytane/C-18 ratio .35

ODD EVEN PREDOMINANCE

O.E.P. C-17 = 1.1
 O.E.P. C-19 = .98
 O.E.P. C-25 = 1.1
 O.E.P. C-27 = 1.02

TABLE 9

RESIDUAL OIL ANALYSIS

WELL: FINKE NO 1

SAMPLE: 267.0-267.15 M

weight of sample extracted 112.67 g
 weight of eom 57.7 mg
 extracted organic matter 512 ppm

ANALYSIS OF EXTRACTED ORGANIC MATTER, (%)

SATURATES 39.5
 AROMATICS 6.2
 RESINS 40.7
 ASPHALTENES 13.5

N-ALKANE DISTRIBUTION OF SATURATES

| C-NO. | % | C-NO. | % | C-NO. | % | C-NO. | % | C-NO. | % |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 12 | .6 | 17 | 3.1 | 22 | 6.1 | 27 | 6.2 | 32 | 3.6 |
| 13 | 1.0 | 18 | 3.0 | 23 | 6.3 | 28 | 6.4 | 33 | 2.4 |
| 14 | 1.9 | 19 | 3.6 | 24 | 6.2 | 29 | 8.5 | 34 | 1.4 |
| 15 | 2.5 | 20 | 4.5 | 25 | 6.8 | 30 | 6.4 | 35 | .9 |
| 16 | 2.8 | 21 | 4.7 | 26 | 6.4 | 31 | 4.7 | 36 | .0 |

ISOPRENOID DISTRIBUTION IN SATURATES

TMTD/pristane ratio .91
 nonpristane/pristane ratio .73
 pristane/phytane ratio 1
 pristane/C-17 ratio .3
 phytane/C-18 ratio .31

ODD EVEN PREDOMINANCE

O.E.P. C-17 = 1.06
 O.E.P. C-19 = 1
 O.E.P. C-25 = 1.06
 O.E.P. C-27 = 1.03