

APPENDIX II: LOG INTERPRETATION

Log Interpretation was undertaken by SANTOS using data acquired by Schlumberger.

EAST MEREENIE 36

PRELIMINARY LOG ANALYSIS

1. SUMMARY

East Mereenie 36 was a development well drilled to intersect the P3-230/250 Unit within the oil window. The well was drilled through the Pacoota at a deviation of 37°-46°. Secondary oil targets included the Pacoota P3-190, P3-120/130 while the Pacoota P1 and Lower Stairway constituted secondary gas targets.

Gas pay interpreted in the Upper Stairway/Middle Stairway Sandstone is excluded from net pay on the basis of drilling results. No significant mudlog show and no gas flow while drilling with air. The lower Stairway Sandstone is tight and no pay is interpreted.

The Pacoota P1 unit contains 5.34m of gas pay in the P1-80, P1-200, P1-280 and P1-350 sandstones. A flow test at 1406m after penetrating the P1-280 unit realised a flow rate of 3.4 MMCFD. The overlying sandstones produced only intermittent flaring while drilling, indicating that the main productivity is from the P1-280 unit.

Minor scattered pay (0.5m) in the P2 is interpreted as possible gas pay.

The Pacoota P3-10 unit contains 2.44m of gas pay. Gas effect on the neutron density cross plot is indicative of gas pay rather than oil pay. This interpretation conforms with the field GOC at 640m SS (1505m MD). The bulk of the oil pay is interpreted in the P3-120/130 and P3-230/250 units (23.47m) with additional contribution of 0.46m from the P3-150 units.

No pay is interpreted in the P4 unit.

2. LOG ANALYSIS SUMMARY

TABLE 1

INTERVAL (m)	GROSS SAND	NET PAY (m)	AVE VSH (%)	AVE Ø (%)	AVE SW (%)	NET PAY INTERVALS/ REMARKS
Upper/Middle Stairway 1017-1024.3	5.0	-	5.0	8.3	50.0	Excluded gas pay. No flow while drilling
Lower Stairway 1175.9-1176.1	0.45	-	-	5.2	46.3	Excluded
Pacoota P1-80 1333.3-1336.4	2.44	2.44	15.4	7.2	33.7	Intermittent flare on penetration. Low productivity gas pay
Pacoota P1-200 1372.1-1372.7	0.61	0.61	10.9	7.3	50.1	Low productivity gas pay
Pacoota P1-210 1376.2	0.15	-	12.5	5.2	51.7	Excluded
Pacoota P1-280 1399.3-1401.3	1.22	1.22	0	5.5	19.6	High productivity gas pay
Pacoota P1-310 1412.3	0.15	-	7.6	5.7	36.3	Excluded. Insufficient thickness
Pacoota P1-350 1420.2-1422.0	1.07	1.07	11.1	6.0	39.0	Low productivity gas pay
Total (Pacoota P1 Gas Pay)		5.34		6.6	34.0	
Pacoota P2 1437.3-1441.95	0.31	-	24.3	5.8	50.9	Excluded. Insufficient thickness
Pacoota P3-10 1503.7-1505.7	2.44	2.44	0	7.0	24.6	Gas pay
Pacoota P3-90 1526.6-1526.75	0.31	-	7.9	5.1	55.3	Excluded. Insufficient thickness
Pacoota P3-120/130 1533.6-1551.13	11.89	11.89	11.9	7.9	29.5	Oil pay
Pacoota P3-150 1551.58-1552	0.46	0.46	14.5	9.2	47.6	Oil pay
Pacoota P3-230/250 1578.0-1591.8	11.58	11.58	16.8	8.7	40.0	Oil pay
Total (Pacoota P3 Oil Pay)		23.93		8.3	35.2	

3. GENERAL DATA

(a) Introduction

One suite of logs was run at 1280m comprising the FMS-GPIT. A second suite of logs was run at TD as detailed.

(b) Logs Run

TABLE 2

SUITE/RUN	MNEMONICS	INTERVAL	REMARKS
1/1	FMS4- GR GPIT	1265- 960 1255- 28 1265- 714	BHT 45°C, 4.5 Hrs after circ. stopped
2/1	DLL- MSFL BHC GR CAL SP	1648- 714 1615- 960 1641- 714 1617-1250 1635- 714 1622- 714	BHT 56°C, 5 Hrs after circ. stopped MSFL rerun on 3rd run due to poor quality data
2/2	LDL- CNL NGS MSFL ML	1651- 960 1644- 960 1641- 960 1635- 960 1650- 960	BHT 60°C, 15.8 Hrs after circ. stopped Hi res. Logs 1651-1300m (LDL-CNL)
2/3	FMS4-GPIT GR	1660-1260 1645-1260	BHT 60°C, 24 hrs after circ. stopped

(c) Core Data

No full hole or sidewall cores were cut.

(d) Drill Stem Test

TABLE 3

DST	INTERVAL	FORMATION	RESULTS
1	1406-714m	Pacoota P1-280	Q = 3.38 MMCFD (minor contribution from overlying P1 sandstones)

4. HOLE CONDITIONS

(a) Drilling Overview

After setting 10 3/4" casing at 712.36m, 9 7/8" hole was drilled with air to 1280m and the FMS log run. 8 1/2" hole was then drilled with air to 1405.7m where an open hole flow test was conducted. The well was then killed and drilling resumed with mud in the hole to a total depth of 1653m. The well was deviated with angles of 26° at top of the Stairway, 38° at top of Pacoota increasing to 46.70° at total depth.

(b) Hole Conditions

Hole conditions over the Pacoota Sandstone are good with ingauge hole throughout. Moderate washouts and hole rugosity are prevalent in the Stairway Sandstone and Horn Valley siltstone.

(c) Bore Hole Fluids

Mud Type: NaCl Polymer
 MW: 9.0 ppg
 Rm: 0.161 @ 17°C
 Rmf: 0.156 @ 16°C
 Rmc: 0.148 @ 12°C

Mud parameters reported on the log header sheet are incorrect with Rmc being less than Rm or Rmf. A Rmc of 0.184 ohm.m at 17°C was used for environmental corrections.

(d) Temperature

TABLE 4

BHT (°F)	DEPTH	TOOL	HRS SINCE CIRC. STOPPED
45°C	1250m	FMS-4	4.5
56°C	1610m	Combo	5.0
60°C	1630m	Nuclear	15.8
60°C	1640m	FMS-4	24.0

5. ENVIRONMENTAL CORRECTIONS

Standard environmental corrections were applied to all logging measurements using Mincom's Geolog deterministic programme. Additionally, the neutron and density logs were corrected for hydrocarbon effect using the methodology as described by Poupon and Gaymard (Log Analyst Vol. 9, No. 5, 1968).

6. INTERPRETATION PROCEDURES

The interpretation was made using gas corrected density to derive total porosity while the Archie equation was used to calculate water saturation. Due to similar resistivity response in adjacent shales and high salinity formation water clay conductivity effects are negligible negating the need to use a shaly sand saturation equation.

Based on preliminary work by R. Penney (internal Memorandum), cut offs used are 5% for porosity and 30% for Vsh. These will need refining once all the core data and log data for the Mereenie field are assimilated.

A full listing of parameters is detailed in Table 6.

All log analysis, net pay thicknesses are based on measured depth logs.

7. INTERPRETATION PARAMETERS

Mereenie field formation salinities were used for this interpretation as detailed below:

TABLE 5

PARAMETERS	STAIRWAY	PACOOTTA P1 & P2	PACOOTTA P3 & P4
Rw @ 75°F	.054	.054	.085
a	1	1	1
m	2	2	2
n	2	2	2
Vshale	Neutron-Density	Neutron-Density	Neutron-Density
Porosity	Density-Gas Corrected	Density-Gas Corrected	Density-Gas Corrected
Saturation	Archie	Archie	Archie
<u>Cut-offs</u>			
Vsh	< 30%	< 30%	< 30%
Porosity	≥ 5%	≥ 5%	≥ 5%
Saturation	< 60%	< 60%	< 60%

8. DISCUSSION

Stairway Sandstone

A 5m basal sandstone in the Upper Stairway with porosity (8.3%) and an average water saturation of 50% is excluded from pay as no flow was recorded while drilling. The lower Stairway is tight with 0.3m of possible gas pay excluded due to the absence of gas while drilling.

Pacoota P1

Net gas pay is interpreted in the Pacoota P1-80, P1-210, P1-280 and P1-350. Based on flows while drilling the main productivity is from the P1-280 sandstone which recorded 3.4 MMCFD when flow tested in conjunction with the overlying section. Although this sandstone is some 4m thick only 1.22m exceeds the 5% porosity cutoff. Further work is required to determine the relationship between porosity and permeability for this section.

Total gas pay for the Pacoota P1 is 5.34m (Ave. Ø 6.6%, Ave. Sw 34.0%).

Pacoota P2

Scattered log pay in the P2 is excluded on the basis of insufficient thickness.

Pacoota P3

A total of 2.44m of gas pay (P3-10) and 23.93m of oil pay are interpreted in the P3 unit. Gas effect on the neutron density cross plot confirms gas in the P3-10 unit (see Enclosure 1). Average porosity and water saturation for the P3 oil zone is 8.3% and 35.2% respectively.

Pacoota P4

The Pacoota P4 contains approximately 9m of net sand exceeding the 5% porosity cutoff and lying above the field OWC at -734.6 mSS (1624m MDKB). However, high water saturations and absence of mudlog shows preclude interpreting any pay.

This interpretation is preliminary using standard Mereenie parameters except for Vshale and porosity cutoffs. Quantification of cementation exponent m, permeability/porosity relationships and Vshale cutoffs combined with capillary pressure studies will be examined as part of a Petrophysical Mereenie field study.

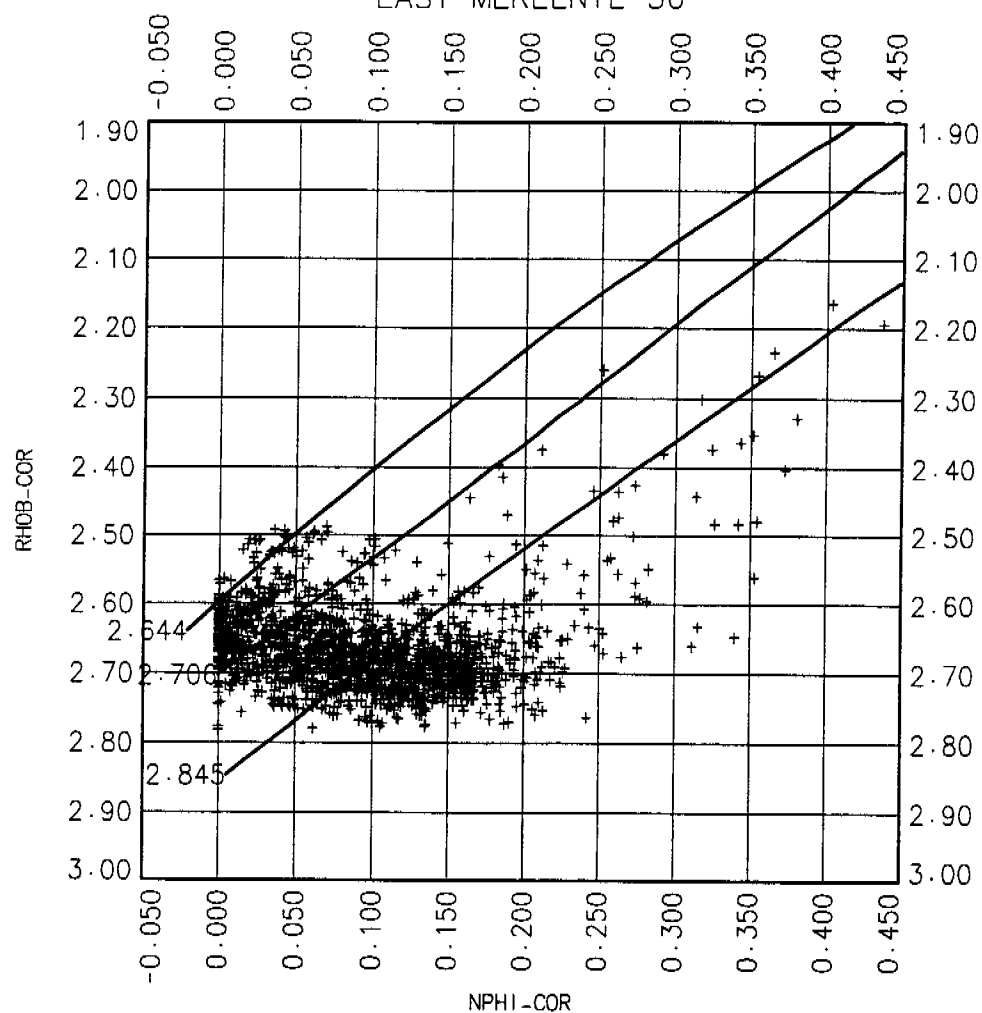
Enclosure 1 Cross Plots

Enclosure 2 Pay Summary

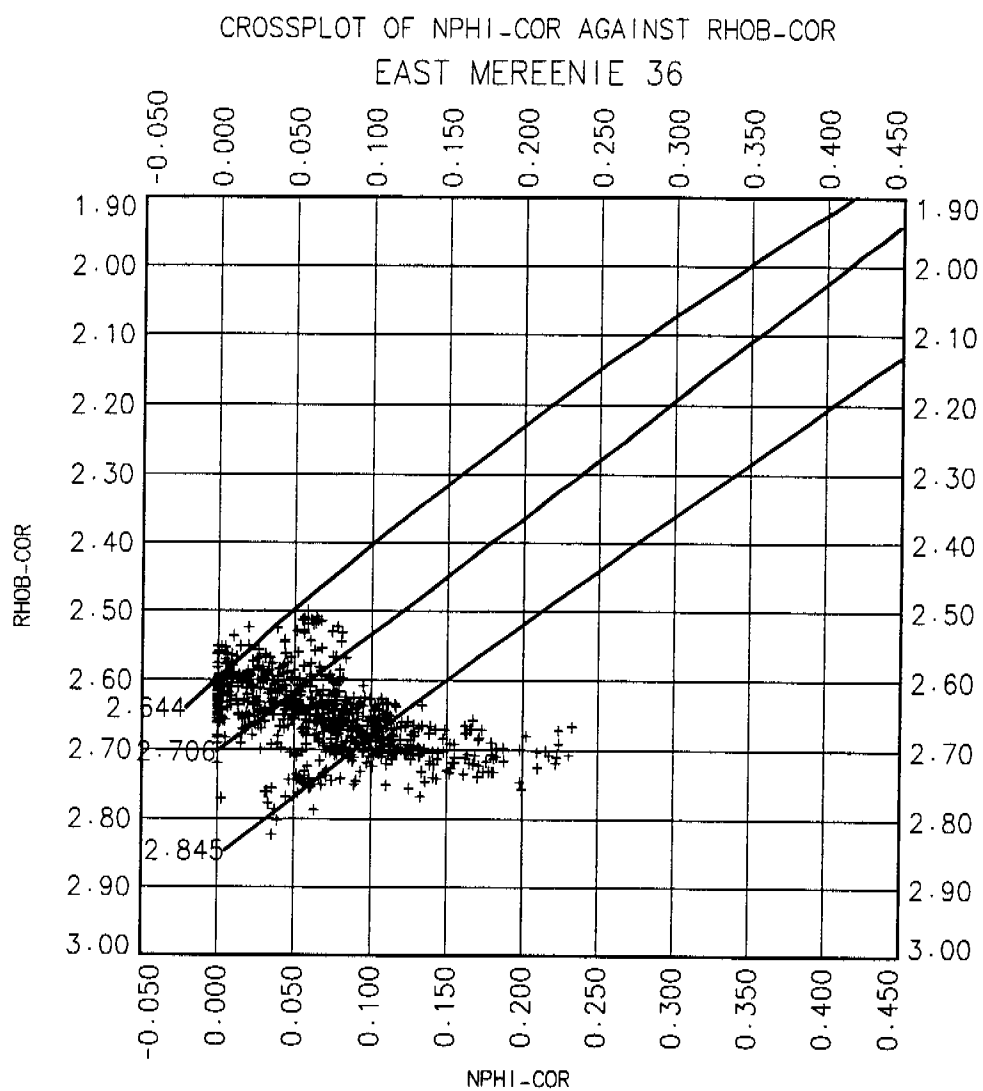
Enclosure 3 Log Interpretation Plot

ENCLOSURE I: CROSS PLOTS

CROSSPLOT OF NPHI-COR AGAINST RHOB-COR
EAST MEREENIE 36



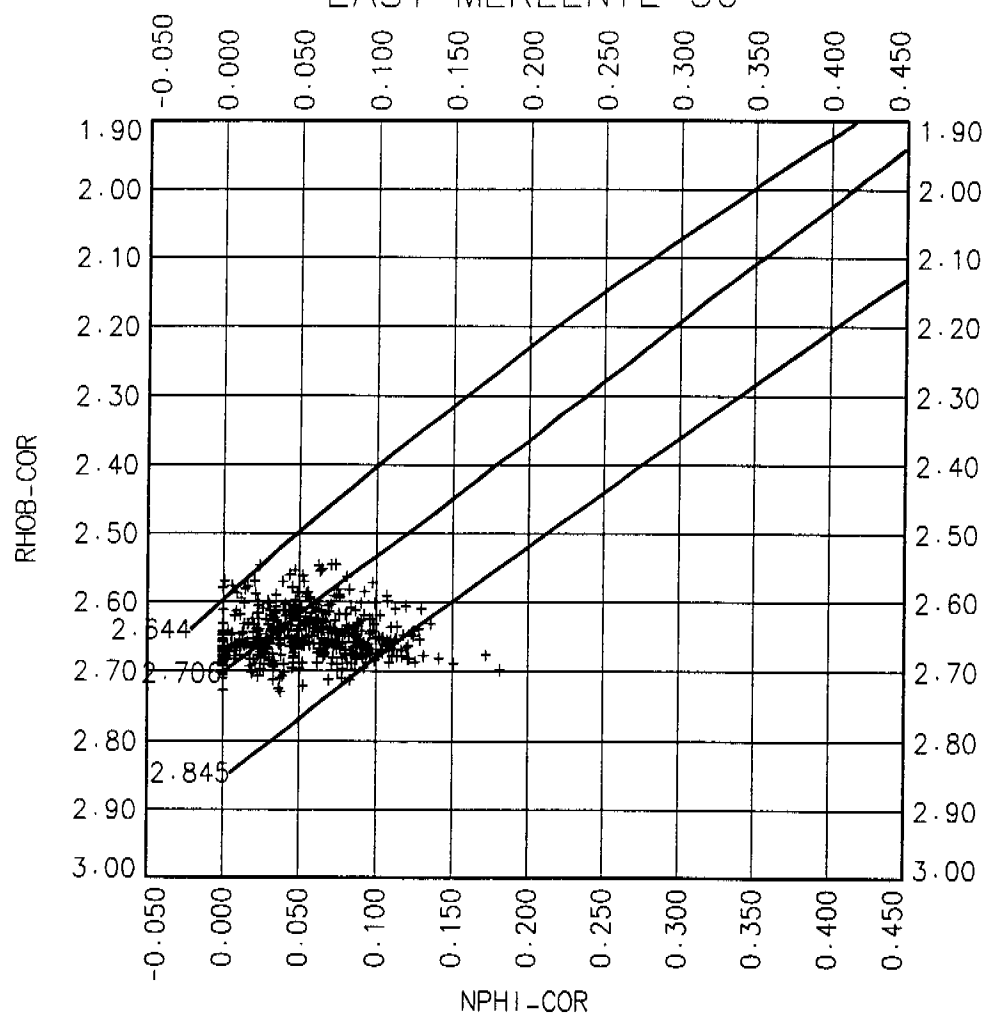
Intervals:
STAIRWAY SANDSTONE



Intervals:
PACOOTA FORMATION (P1)

CROSSPLOT OF NPHI-COR AGAINST RHOB-COR

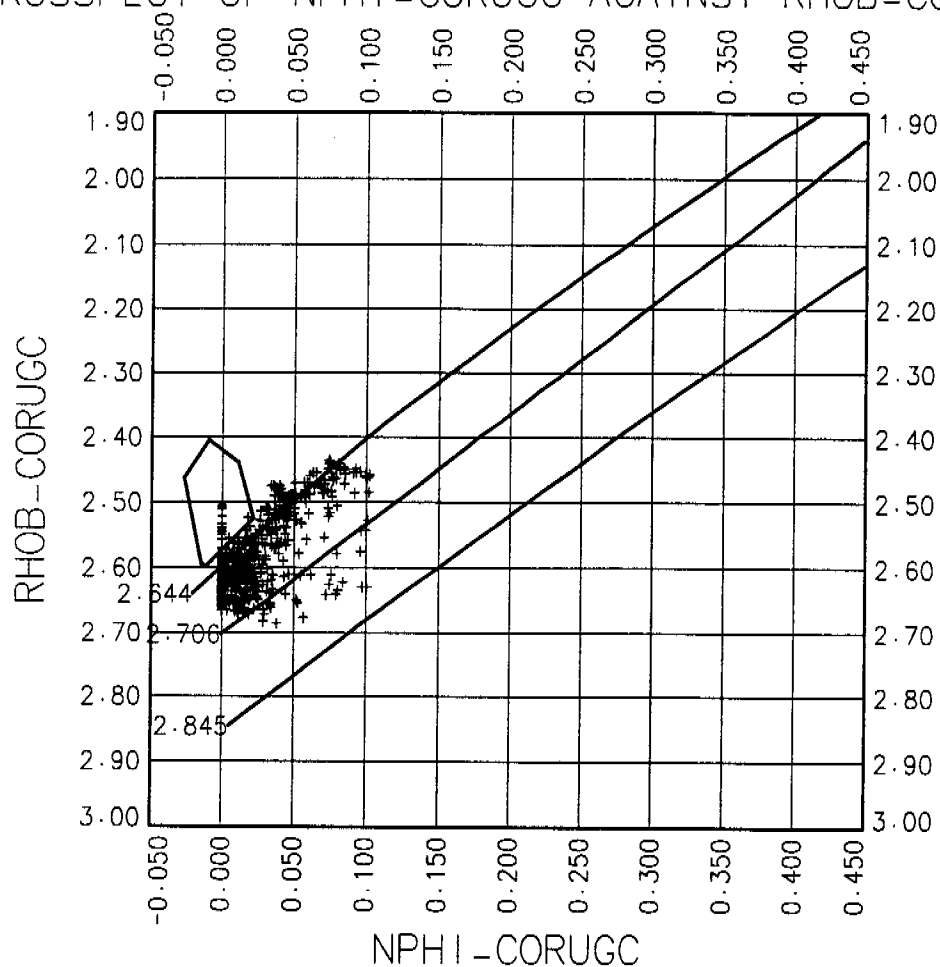
EAST MEREENIE 36



Intervals:
P2

CROSSPLOT OF NPHI-CORUGC AGAINST RHOB-CORUGC

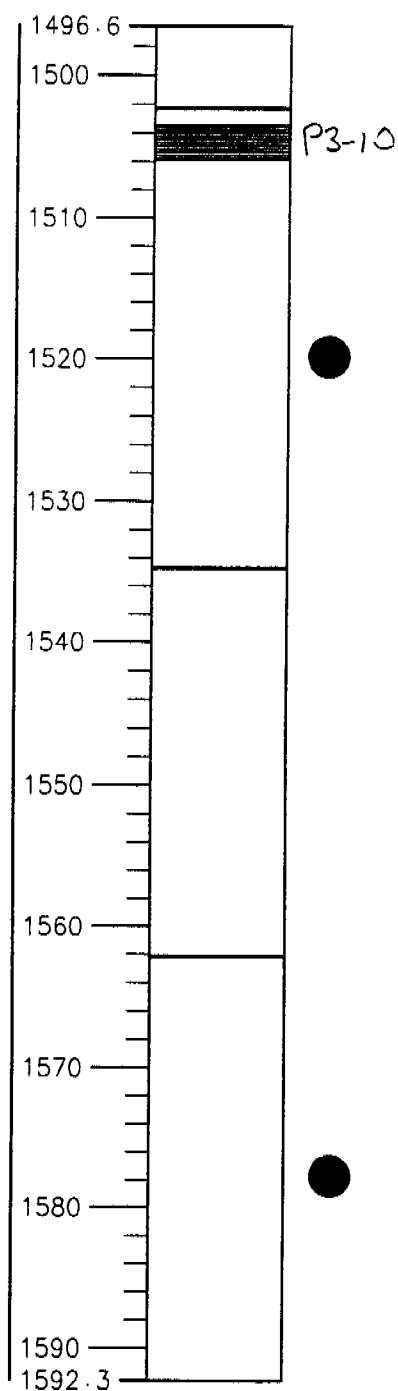
EAST-MEREENIE-36



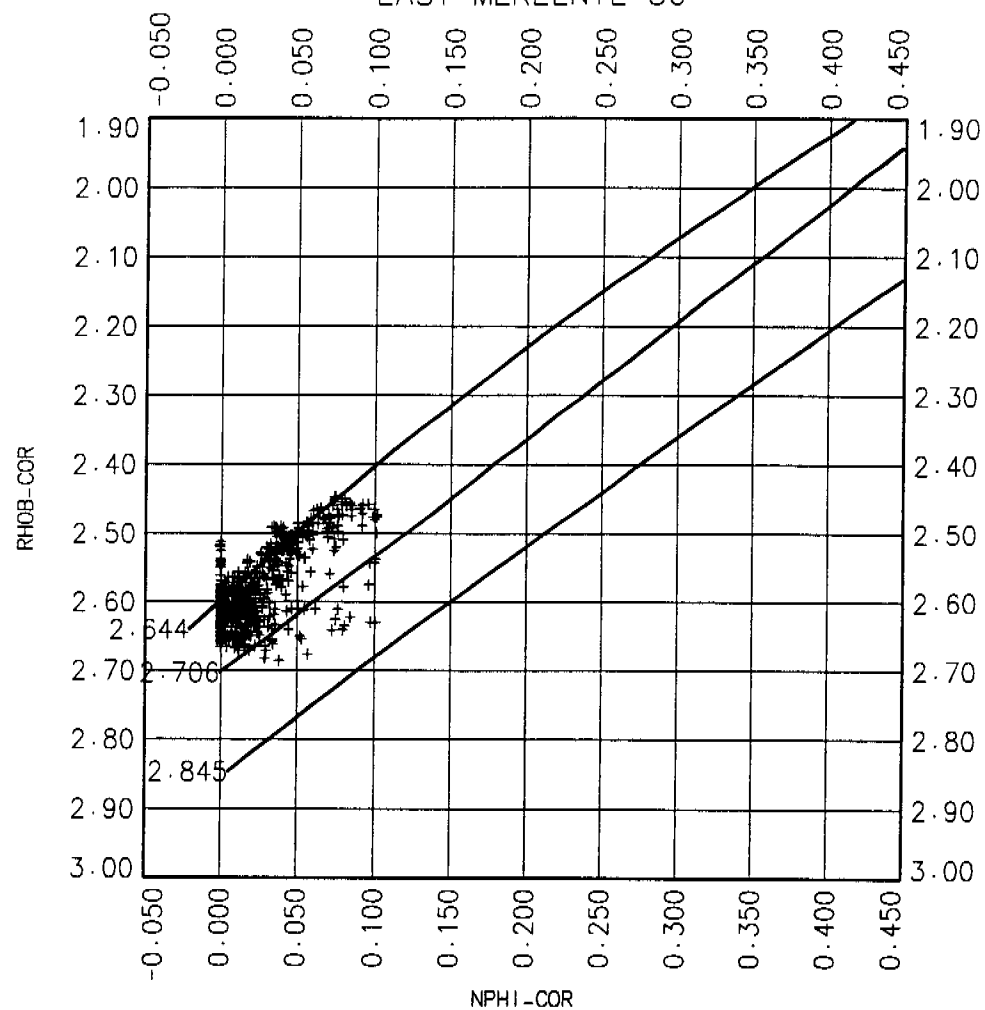
GR-

—	16.199 - 550.14
—	60.08 - 79.453
—	80.208 - 98.655
—	100.07 - 149.95
—	150.37 - 270.58

Intervals:
P3



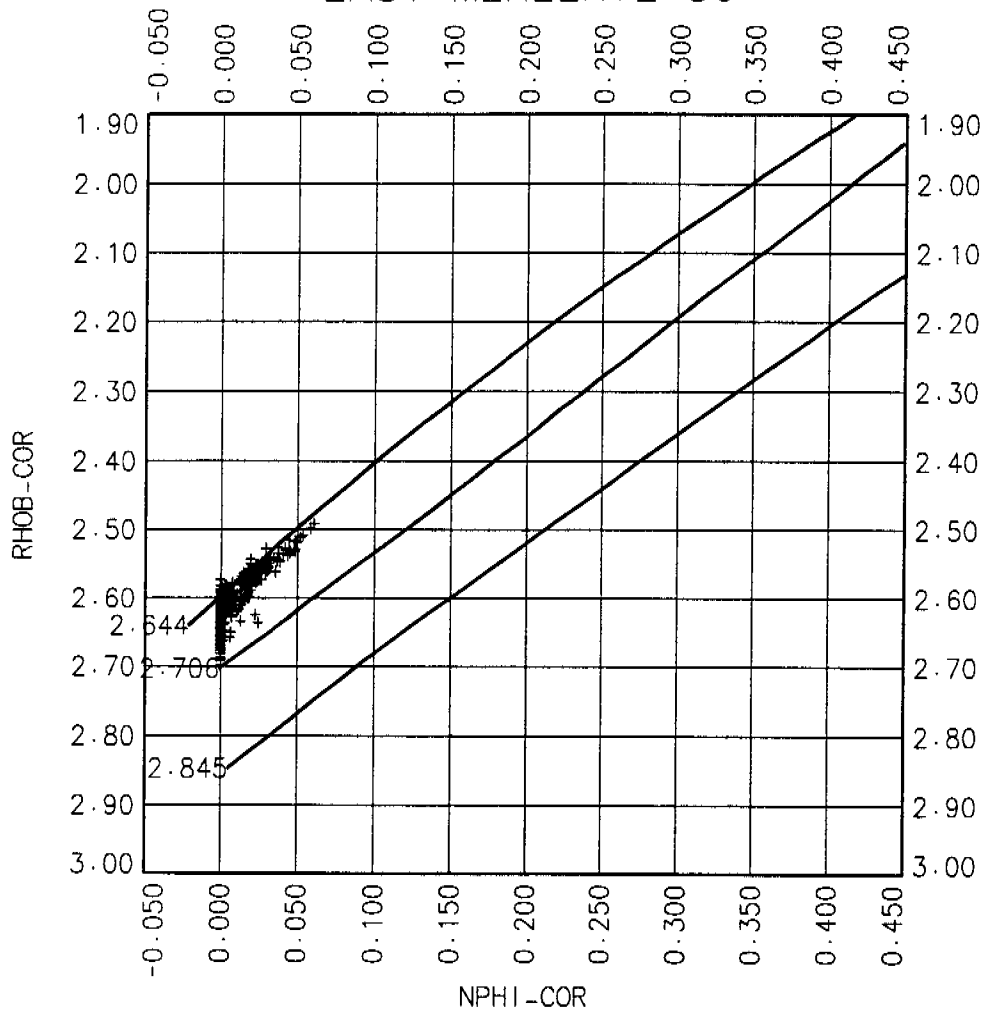
CROSSPLOT OF NPHI-COR AGAINST RHOB-COR
EAST MEREENIE 36



Intervals:
P3

CROSSPLOT OF NPHI-COR AGAINST RHOB-COR

EAST MEREENIE 36



Intervals:
P4

ENCLOSURE 2: PAY SUMMARY

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 * PAYSUMMARY REPORT *
 *
 * Project : OPERATIONS *
 * User id : expapp *
 * Date : 16-Aug-95 07:36 *
 *

1HOLE: EAST_MEREEENIE_36

Interval name : UPPER STAIRWAY SANDSTONE
 Interval top : 964.2
 Interval bottom : 1024

Cutoffs:

PHIE >= 0.05
 SW < 0.6
 VSH < 0.3

Depth listing for pay depths.

Summation type is zone.

1HOLE: EAST_MEREEENIE_36

Page 1

Cutoff Logs				Summation			Averages		
DEPTH	PHIE	SW	VSH	PHIE	BVW	VSH	PHIE	SW	VSH
1017.118	0.0791	0.5667	0.07	0.012	0.0068	0.0107	0.0791	0.5667	0.07
1017.270	0.0797	0.5616	0.0802	0.0242	0.0136	0.0229	0.0794	0.5642	0.0751
1017.423	0.0763	0.5483	0.0519	0.0358	0.02	0.0308	0.0783	0.559	0.0674
1017.575	0.0748	0.5077	0.0405	0.0472	0.0258	0.037	0.0775	0.5466	0.0607
1017.727	0.0624	0.5586	0.0514	0.0567	0.0311	0.0448	0.0745	0.5486	0.0588
0.762				0.0567	0.0311	0.0448	0.0745	0.5486	0.0588
1019.556	0.0658	0.5546	0.024	0.0668	0.0367	0.0485	0.073	0.5495	0.053
1019.709	0.0767	0.5195	0.0406	0.0784	0.0428	0.0547	0.0735	0.5451	0.0512
1019.861	0.0867	0.4975	0.0402	0.0916	0.0493	0.0608	0.0752	0.5382	0.0499
1020.013	0.093	0.4779	0.036	0.1058	0.0561	0.0663	0.0771	0.5301	0.0483
1020.166	0.0933	0.4845	0.0224	0.12	0.063	0.0697	0.0788	0.5247	0.0457
1020.318	0.0921	0.5147	0.0894	0.1341	0.0702	0.0833	0.08	0.5237	0.0497
1020.471	0.0959	0.4849	0.1068	0.1487	0.0773	0.0996	0.0813	0.5199	0.0545
1020.623	0.0908	0.5335	0.1217	0.1625	0.0847	0.1181	0.082	0.521	0.0596
1020.775	0.0902	0.5372	0.0929	0.1763	0.0921	0.1323	0.0826	0.5223	0.062
1020.928	0.0961	0.4762	0	0.1909	0.099	0.1323	0.0835	0.5187	0.0579
1021.080	0.0918	0.4813	0.0314	0.2049	0.1058	0.1371	0.084	0.5162	0.0562
1021.233	0.0854	0.5109	0.0865	0.2179	0.1124	0.1503	0.0841	0.5159	0.058
1021.385	0.0833	0.5077	0.124	0.2306	0.1189	0.1692	0.0841	0.5154	0.0617
1021.537	0.0911	0.4498	0.0929	0.2445	0.1251	0.1833	0.0844	0.5117	0.0633
1021.690	0.0817	0.5082	0.101	0.2569	0.1314	0.1987	0.0843	0.5115	0.0652
1021.842	0.0748	0.4825	0.0483	0.2683	0.1369	0.2061	0.0838	0.5103	0.0644
2.438				0.2116	0.1058	0.1613	0.0868	0.5	0.0661
1022.604	0.0707	0.5389	0.0103	0.2791	0.1427	0.2077	0.0832	0.5114	0.0619

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1022.757	0.0871	0.4664	0	0.2924	0.1489	0.2077	0.0834	0.5094	0.0592
1022.909	0.0865	0.478	0	0.3056	0.1552	0.2077	0.0835	0.508	0.0568
1023.061	0.0888	0.4652	0	0.3191	0.1615	0.2077	0.0838	0.5062	0.0545
1023.214	0.0872	0.4612	0	0.3324	0.1676	0.2077	0.0839	0.5044	0.0524
1023.366	0.0889	0.4397	0	0.3459	0.1736	0.2077	0.0841	0.5019	0.0505
1023.519	0.0841	0.4486	0	0.3587	0.1794	0.2077	0.0841	0.5	0.0487
1023.671	0.0795	0.4665	0	0.3709	0.185	0.2077	0.0839	0.4989	0.047
1023.823	0.0766	0.478	0.0077	0.3825	0.1906	0.2088	0.0837	0.4982	0.0457
1023.976	0.0743	0.5425	0.0378	0.3938	0.1967	0.2146	0.0834	0.4995	0.0454
1.524				0.1255	0.0598	0.0085	0.0824	0.4764	0.0056

1HOLE: EAST_MEREEENIE_36

Page 3

Totals for interval : UPPER STAIRWAY SANDSTONE
Interval top : 964.2
Interval bottom : 1024

Summation					Averages		
Thickness	Hydrocarbon	PHIE	BVW	VSH	PHIE	SW	VSH
4.724	0.197	0.3938	0.1967	0.2146	0.0834	0.4995	0.0454

1HOLE: EAST_MEREEENIE_36

Page 4

Interval name : MIDDLE STAIRWAY SANDSTONE
Interval top : 1024
Interval bottom : 1145.6

Cutoffs:
PHIE >= 0.05
SW < 0.6
VSH < 0.3

Depth listing for pay depths.
Summation type is zone.

1HOLE: EAST_MEREEENIE_36

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Cutoff Logs				Summation			Averages		
DEPTH	PHIE	SW	VSH	PHIE	BVW	VSH	PHIE	SW	VSH
1024.128	0.075	0.555	0.0605	0.0114	0.0063	0.0092	0.075	0.555	0.0605
1024.281	0.0749	0.5681	0.0876	0.0228	0.0128	0.0226	0.075	0.5615	0.0741
0.305				0.0228	0.0128	0.0226	0.075	0.5615	0.0741

1HOLE: EAST_MEREEENIE_36

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Totals for interval : MIDDLE STAIRWAY SANDSTONE
Interval top : 1024
Interval bottom : 1145.6

Summation					Averages		
Thickness	Hydrocarbon	PHIE	BVW	VSH	PHIE	SW	VSH
0.305	0.010	0.0228	0.0128	0.0226	0.075	0.5615	0.0741

1HOLE: EAST_MEREEENIE_36

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Interval name : LOWER STAIRWAY SANDSTONE
Interval top : 1145.6
Interval bottom : 1231.7

Cutoffs:
PHIE >= 0.05
SW < 0.6
VSH < 0.3

Depth listing for pay depths.
Summation type is zone.

1HOLE: EAST_MEREENIE_36

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Cutoff Logs				Summation			Averages		
DEPTH	PHIE	SW	VSH	PHIE	BVW	VSH	PHIE	SW	VSH
1175.919	0.0507	0.4722	0	0.0077	0.0037	0	0.0507	0.4722	0
1176.071	0.0536	0.4557	0	0.0159	0.0074	0	0.0522	0.4637	0
0.305				0.0159	0.0074	0	0.0522	0.4637	0

1HOLE: EAST_MEREENIE_36

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Totals for interval : LOWER STAIRWAY SANDSTONE
Interval top : 1145.6
Interval bottom : 1231.7

Summation					Averages		
Thickness	Hydrocarbon	PHIE	BVW	VSH	PHIE	SW	VSH
0.305	0.009	0.0159	0.0074	0	0.0522	0.4637	0

1HOLE: EAST_MEREENIE_36

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Interval name : PACOOTA P1-40
Interval top : 1309.1
Interval bottom : 1326.5

Cutoffs:
PHIE >= 0.05
SW < 0.6
VSH < 0.3

Depth listing for pay depths.
Summation type is zone.

1HOLE: EAST_MEREENIE_36

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Cutoff Logs				Summation			Averages		
DEPTH	PHIE	SW	VSH	PHIE	BVW	VSH	PHIE	SW	VSH

1HOLE: EAST_MEREENIE_36

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Totals for interval : PACOOTA P1-40
Interval top : 1309.1
Interval bottom : 1326.5

Summation					Averages		
Thickness	Hydrocarbon	PHIE	BVW	VSH	PHIE	SW	VSH
0.000	0.009	0	0	0	0	0	0

1HOLE: EAST_MEREENIE_36

Interval name : PACOOTA P1-60
Interval top : 1326.5
Interval bottom : 1332.7

Cutoffs:
PHIE >= 0.05
SW < 0.6
VSH < 0.3

Depth listing for pay depths.
Summation type is zone.

1HOLE: EAST_MEREENIE_36

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Cutoff Logs				Summation			Averages		
DEPTH	PHIE	SW	VSH	PHIE	BVW	VSH	PHIE	SW	VSH

1HOLE: EAST_MEREENIE_36

Totals for interval : PACOOTA P1-60
Interval top : 1326.5
Interval bottom : 1332.7

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Summation					Averages		
Thickness	Hydrocarbon	PHIE	BVW	VSH	PHIE	SW	VSH
0.000	0.009	0	0	0	0	0	0

1HOLE: EAST_MEREENIE_36

Interval name : PACOOTA P1-80
Interval top : 1332.7
Interval bottom : 1338.2

Cutoffs:
PHIE >= 0.05
SW < 0.6
VSH < 0.3

Depth listing for pay depths.
Summation type is zone.

1HOLE: EAST_MEREENIE_36

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Cutoff Logs				Summation			Averages		
DEPTH	PHIE	SW	VSH	PHIE	BVW	VSH	PHIE	SW	VSH
1333.348	0.06	0.4534	0.0118	0.0091	0.0041	0.0018	0.06	0.4534	0.0118
1333.500	0.0768	0.347	0	0.0209	0.0082	0.0018	0.0684	0.3937	0.0059
1333.653	0.0695	0.3575	0.1374	0.0314	0.012	0.0227	0.0688	0.3815	0.0497
1333.805	0.0756	0.3085	0.1488	0.043	0.0156	0.0454	0.0756	0.3619	0.0745

1333.957	0.0762	0.3043	0.1686	0.0546	0.0191	0.0711	0.0716	0.3497	0.0933
1334.110	0.082	0.2944	0.1223	0.0671	0.0228	0.0897	0.0716	0.3394	0.0981
1334.262	0.0822	0.2947	0.1538	0.0796	0.0265	0.1132	0.0716	0.3323	0.1061
1334.415	0.0884	0.2711	0.1133	0.0931	0.0301	0.1304	0.0764	0.3235	0.107
1334.567	0.0759	0.3201	0.1648	0.1047	0.0338	0.1555	0.0763	0.3231	0.1134
1334.719	0.0793	0.2998	0.1226	0.1167	0.0374	0.1742	0.0766	0.3207	0.1143
1334.872	0.0793	0.2977	0.1676	0.1288	0.041	0.1998	0.0769	0.3185	0.1192
1335.024	0.0725	0.3258	0.243	0.1399	0.0446	0.2368	0.0765	0.3191	0.1295
1335.177	0.0678	0.3463	0.2716	0.1502	0.0482	0.2782	0.0758	0.321	0.1404
1335.329	0.0617	0.3778	0.2027	0.1596	0.0518	0.3091	0.0748	0.3243	0.1449
1335.481	0.0519	0.4658	0.1976	0.1675	0.0555	0.3392	0.0733	0.331	0.1484

2.286				0.1675	0.0555	0.3392	0.0733	0.331	0.1484

1336.396	0.0545	0.4614	0.2424	0.1758	0.0593	0.3761	0.0721	0.3372	0.1543

0.152				0.0083	0.0038	0.0369	0.0545	0.4614	0.2424

1HOLE: EAST_MEREENIE_36

Totals for interval : PACOOTA P1-80
Interval top : 1332.7
Interval bottom : 1338.2

Summation					Averages		
Thickness	Hydrocarbon	PHIE	BVW	VSH	PHIE	SW	VSH
2.438	0.117	0.1758	0.0593	0.3761	0.0721	0.3372	0.1543

1HOLE: EAST_MEREENIE_36

Interval name : PACOOTA P1-110
Interval top : 1338.2
Interval bottom : 1352.6

Cutoffs:
PHIE >= 0.05
SW < 0.6
VSH < 0.3

Depth listing for pay depths.
Summation type is zone.

1HOLE: EAST_MEREENIE_36

Cutoff Logs			Summation			Averages			
DEPTH	PHIE	SW	VSH	PHIE	BVW	VSH	PHIE	SW	VSH

1HOLE: EAST_MEREENIE_36

Totals for interval : PACOOTA P1-110
Interval top : 1338.2
Interval bottom : 1352.6

Summation					Averages		
Thickness	Hydrocarbon	PHIE	BVW	VSH	PHIE	SW	VSH
0.000	0.117	0	0	0	0	0	0

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1HOLE: EAST_MEREENIE_36

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Interval name : PACOOTA P1-120/180
Interval top : 1352.6
Interval bottom : 1365.6

Cutoffs:
PHIE >= 0.05
SW < 0.6
VSH < 0.3

Depth listing for pay depths.
Summation type is zone.

1HOLE: EAST_MEREENIE_36

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Cutoff Logs				Summation			Averages		
DEPTH	PHIE	SW	VSH	PHIE	BVW	VSH	PHIE	SW	VSH

1HOLE: EAST_MEREENIE_36

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Totals for interval : PACOOTA P1-120/180
Interval top : 1352.6
Interval bottom : 1365.6

Summation						Averages		
Thickness	Hydrocarbon	PHIE	BVW	VSH		PHIE	SW	VSH
0.000	0.117	0	0	0		0	0	0

1HOLE: EAST_MEREENIE_36

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Interval name : PACOOTA P1-200
Interval top : 1365.6
Interval bottom : 1374.4

Cutoffs:
PHIE >= 0.05
SW < 0.6
VSH < 0.3

Depth listing for pay depths.
Summation type is zone.

1HOLE: EAST_MEREENIE_36

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Cutoff Logs				Summation			Averages		
DEPTH	PHIE	SW	VSH	PHIE	BVW	VSH	PHIE	SW	VSH
1372.057	0.0689	0.4073	0	0.0105	0.0043	0	0.0689	0.4073	0
1372.210	0.0646	0.489	0.133	0.0203	0.0091	0.0203	0.0667	0.4468	0.0665
1372.362	0.0738	0.5345	0.1554	0.0316	0.0151	0.044	0.0691	0.478	0.0961
1372.515	0.0834	0.5722	0.1477	0.0443	0.0224	0.0665	0.0727	0.505	0.109
0.610				0.0443	0.0224	0.0665	0.0727	0.505	0.109

1HOLE: EAST_MEREENIE_36

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Interval name : PACOOTA P1-200
Interval top : 1365.6
Interval bottom : 1374.4

Summation					Averages		
Thickness	Hydrocarbon	PHIE	BVW	VSH	PHIE	SW	VSH
0.610	0.022	0.0443	0.0224	0.0665	0.0727	0.505	0.109

1HOLE: EAST_MEREEENIE_36

Interval name : PACOOTA P1-210
Interval top : 1374.4
Interval bottom : 1381.8

Cutoffs:
PHIE >= 0.05
SW < 0.6
VSH < 0.3

Depth listing for pay depths.
Summation type is zone.

1HOLE: EAST_MEREEENIE_36

Cutoff Logs				Summation			Averages		
DEPTH	PHIE	SW	VSH	PHIE	BVW	VSH	PHIE	SW	VSH
1376.172	0.052	0.5168	0.0125	0.0079	0.0041	0.0019	0.052	0.5168	0.0125
0.152				0.0079	0.0041	0.0019	0.052	0.5168	0.0125

1HOLE: EAST_MEREEENIE_36

Totals for interval : PACOOTA P1-210
Interval top : 1374.4
Interval bottom : 1381.8

Summation					Averages		
Thickness	Hydrocarbon	PHIE	BVW	VSH	PHIE	SW	VSH
0.152	0.004	0.0079	0.0041	0.0019	0.052	0.5168	0.0125

1HOLE: EAST_MEREEENIE_36

Interval name : PACOOTA P1-240
Interval top : 1381.8
Interval bottom : 1397.2

Cutoffs:
PHIE >= 0.05
SW < 0.6
VSH < 0.3

Depth listing for pay depths.
Summation type is zone.

1HOLE: EAST_MEREEENIE_36

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Cutoff Logs				Summation			Averages		
DEPTH	PHIE	SW	VSH	PHIE	BVW	VSH	PHIE	SW	VSH

1HOLE: EAST_MEREENIE_36

Totals for interval : PACOOTA P1-240
Interval top : 1381.8
Interval bottom : 1397.2

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Summation						Averages		
Thickness	Hydrocarbon	PHIE	BVW	VSH		PHIE	SW	VSH
0.000	0.004	0	0	0		0	0	0

1HOLE: EAST_MEREENIE_36

Interval name : PACOOTA P1-280
Interval top : 1397.2
Interval bottom : 1403

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Cutoffs:
PHIE >= 0.05
SW < 0.6
VSH < 0.3

Depth listing for pay depths.
Summation type is zone.

1HOLE: EAST_MEREENIE_36

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Cutoff Logs				Summation			Averages		
DEPTH	PHIE	SW	VSH	PHIE	BVW	VSH	PHIE	SW	VSH
1399.337	0.0506	0.2248	0	0.0077	0.0017	0	0.0506	0.2248	0
0.152				0.0077	0.0017	0	0.0506	0.2248	0
1400.404	0.0518	0.1923	0	0.0156	0.0033	0	0.0512	0.2084	0
1400.556	0.0611	0.1745	0	0.0249	0.0049	0	0.0545	0.1957	0
1400.709	0.0572	0.1994	0	0.0336	0.0066	0	0.0552	0.1967	0
1400.861	0.0599	0.1875	0	0.0428	0.0083	0	0.0561	0.1947	0
1401.013	0.0561	0.2034	0	0.0513	0.0101	0	0.0561	0.1962	0
1401.166	0.0541	0.2008	0	0.0596	0.0117	0	0.0558	0.1968	0
1401.318	0.0528	0.1922	0	0.0676	0.0133	0	0.0554	0.1963	0
1.067				0.0599	0.0115	0	0.0561	0.1926	0

1HOLE: EAST_MEREENIE_36

Totals for interval : PACOOTA P1-280
Interval top : 1397.2
Interval bottom : 1403

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Summation						Averages		
Thickness	Hydrocarbon	PHIE	BVW	VSH		PHIE	SW	VSH

1.219	0.054	0.0676	0.0133	0	0.0554	0.1963	0
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1HOLE: EAST_MEREENIE_36

Interval name : PACOOTA P1-310
Interval top : 1403
Interval bottom : 1418.8

Cutoffs:

PHIE >= 0.05
SW < 0.6
VSH < 0.3

Depth listing for pay depths.
Summation type is zone.

1HOLE: EAST_MEREENIE_36

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Cutoff Logs				Summation			Averages		
DEPTH	PHIE	SW	VSH	PHIE	BVW	VSH	PHIE	SW	VSH
1412.291	0.0569	0.363	0.0759	0.0087	0.0031	0.0116	0.0569	0.363	0.0759
0.152				0.0087	0.0031	0.0116	0.0569	0.363	0.0759

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1HOLE: EAST_MEREENIE_36

Totals for interval : PACOOTA P1-310
Interval top : 1403
Interval bottom : 1418.8

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Summation					Averages		
Thickness	Hydrocarbon	PHIE	BVW	VSH	PHIE	SW	VSH
0.152	0.006	0.0087	0.0031	0.0116	0.0569	0.363	0.0759

1HOLE: EAST_MEREENIE_36

Interval name : PACOOTA P1-350
Interval top : 1418.8
Interval bottom : 1422.9

Cutoffs:

PHIE >= 0.05
SW < 0.6
VSH < 0.3

Depth listing for pay depths.
Summation type is zone.

1HOLE: EAST_MEREENIE_36

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Cutoff Logs				Summation			Averages		
DEPTH	PHIE	SW	VSH	PHIE	BVW	VSH	PHIE	SW	VSH
1420.216	0.0534	0.3521	0.255	0.0081	0.0029	0.0389	0.0534	0.3521	0.255
0.152				0.0081	0.0029	0.0389	0.0534	0.3521	0.255

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1421.130	0.0524	0.3563	0.0294	0.0161	0.0057	0.0433	0.0529	0.3542	0.1422
0.152				0.008	0.0028	0.0045	0.0524	0.3563	0.0294
1421.435	0.0605	0.3653	0.0343	0.0253	0.0091	0.0486	0.0554	0.3583	0.1063
1421.587	0.0617	0.4247	0.127	0.0347	0.0131	0.0679	0.057	0.3762	0.1114
1421.740	0.0665	0.3995	0.1636	0.0449	0.0171	0.0929	0.0589	0.3815	0.1219
1421.892	0.0741	0.3552	0.0709	0.0562	0.0211	0.1037	0.0614	0.3762	0.1134
1422.045	0.0503	0.4933	0.0946	0.0638	0.0249	0.1181	0.0598	0.3903	0.1107
0.762				0.0477	0.0192	0.0747	0.0626	0.4024	0.0981

1HOLE: EAST_MEREENIE_36

Totals for interval : PACOOTA P1-350
Interval top : 1418.8
Interval bottom : 1422.9

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Summation						Averages		
Thickness	Hydrocarbon	PHIE	BVW	VSH		PHIE	SW	VSH
1.067	0.039	0.0638	0.0249	0.1181		0.0598	0.3903	0.1107

1HOLE: EAST_MEREENIE_36

Interval name : P2
Interval top : 1422.9
Interval bottom : 1496.5

Cutoffs:
PHIE >= 0.05
SW < 0.6
VSH < 0.3

Depth listing for pay depths.
Summation type is zone.

1HOLE: EAST_MEREENIE_36

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Cutoff Logs				Summation			Averages		
DEPTH	PHIE	SW	VSH	PHIE	BVW	VSH	PHIE	SW	VSH
1437.285	0.0625	0.4449	0.2789	0.0095	0.0042	0.0425	0.0625	0.4449	0.2789
0.152				0.0095	0.0042	0.0425	0.0625	0.4449	0.2789
1441.857	0.054	0.5831	0.2064	0.0178	0.009	0.074	0.0583	0.5089	0.2426
0.152				0.0082	0.0048	0.0315	0.054	0.5831	0.2064

1HOLE: EAST_MEREENIE_36

Totals for interval : P2
Interval top : 1422.9
Interval bot : 1496.5

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Summation					Average		
Thickness	Hydrocarbon	PHIE	BVW	VSH	PHIE	SW	VSH
0.305	0.009	0.0178	0.009	0.074	0.0583	0.5089	0.2426

1HOLE: EAST_MEREENIE_36

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Interval name : P3-10
Interval top : 1496.5
Interval bottom : 1518.2

Cutoffs:
PHIE >= 0.05
SW < 0.6
VSH < 0.3

Depth listing for pay depths.
Summation type is zone.

1HOLE: EAST_MEREENIE_36

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Cutoff Logs				Summation			Averages		
DEPTH	PHIE	SW	VSH	PHIE	BVW	VSH	PHIE	SW	VSH
1503.579	0.0529	0.2759	0	0.0081	0.0022	0	0.0529	0.2759	0
1503.731	0.0615	0.2529	0	0.0174	0.0046	0	0.0572	0.2635	0
1503.883	0.0673	0.2421	0	0.0277	0.0071	0	0.0606	0.2556	0
1504.036	0.0648	0.2583	0	0.0376	0.0096	0	0.0617	0.2563	0
1504.188	0.064	0.2717	0	0.0473	0.0123	0	0.0621	0.2595	0
1504.341	0.063	0.2922	0	0.0569	0.0151	0	0.0623	0.265	0
1504.493	0.0612	0.3178	0	0.0663	0.0181	0	0.0621	0.2724	0
1504.645	0.0672	0.297	0	0.0765	0.0211	0	0.0628	0.2757	0
1504.798	0.0752	0.2683	0	0.088	0.0242	0	0.0641	0.2747	0
1504.950	0.0794	0.2523	0	0.1001	0.0272	0	0.0657	0.272	0
1505.103	0.0775	0.2506	0	0.1119	0.0302	0	0.0667	0.2698	0
1505.255	0.0796	0.2298	0	0.124	0.033	0	0.0678	0.2659	0
1505.407	0.0827	0.2049	0	0.1366	0.0356	0	0.069	0.2602	0
1505.560	0.0804	0.1896	0	0.1489	0.0379	0	0.0698	0.2544	0
1505.712	0.0799	0.1714	0	0.161	0.04	0	0.0704	0.2482	0
1505.865	0.0611	0.2043	0	0.1704	0.0419	0	0.0699	0.2458	0
2.438				0.1704	0.0419	0	0.0699	0.2458	0

1HOLE: EAST_MEREENIE_36

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Totals for interval : P3-10
Interval top : 1496.5
Interval bottom : 1518.2

Summation					Averages		
Thickness	Hydrocarbon	PHIE	BVW	VSH	PHIE	SW	VSH
2.438	0.128	0.1704	0.0419	0	0.0699	0.2458	0

1HOLE: EAST_MEREENIE_36

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Interval name : P3-70

Interval top : 1518.2
Interval bottom : 1524.8

Cutoffs:
PHIE >= 0.05
SW < 0.6
VSH < 0.3

Depth listing for pay depths.
Summation type is zone.
1HOLE: EAST_MEREENIE_36

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Cutoff Logs				Summation			Averages		
DEPTH	PHIE	SW	VSH	PHIE	BVW	VSH	PHIE	SW	VSH

1HOLE: EAST_MEREENIE_36

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Totals for interval : P3-70
Interval top : 1518.2
Interval bottom : 1524.8

Summation						Averages		
Thickness	Hydrocarbon	PHIE	BVW	VSH		PHIE	SW	VSH
0.000	0.128	0	0	0		0	0	0

1HOLE: EAST_MEREENIE_36

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Interval name : P3-90
Interval top : 1524.8
Interval bottom : 1531.5

Cutoffs:
PHIE >= 0.05
SW < 0.6
VSH < 0.3

Depth listing for pay depths.
Summation type is zone.
1HOLE: EAST_MEREENIE_36

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Cutoff Logs				Summation			Averages		
DEPTH	PHIE	SW	VSH	PHIE	BVW	VSH	PHIE	SW	VSH

1HOLE: EAST_MEREENIE_36

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Totals for interval : P3-90
Interval top : 1524.8
Interval bottom : 1531.5

Summation						Averages		
Thickness	Hydrocarbon	PHIE	BVW	VSH		PHIE	SW	VSH
0.000	0.128	0	0	0		0	0	0

1HOLE: EAST_MEREENIE_36

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Interval name : P3-120/130
Interval top : 1531.5
Interval bottom : 1551.2

Cutoffs:
PHIE >= 0.05
SW < 0.6
VSH < 0.3

Depth listing for pay depths.
Summation type is zone.
1HOLE: EAST_MERREENIE_36

Cutoff Logs				Summation			Averages		
DEPTH	PHIE	SW	VSH	PHIE	BVW	VSH	PHIE	SW	VSH
1533.601	0.055	0.4789	0.0712	0.0084	0.004	0.0108	0.055	0.4789	0.0712
1533.754	0.055	0.45	0.0539	0.0168	0.0078	0.0191	0.055	0.4645	0.0625
1533.906	0.0541	0.446	0.0923	0.025	0.0115	0.0331	0.0547	0.4584	0.0725
1534.059	0.0559	0.4304	0.1088	0.0335	0.0151	0.0497	0.055	0.4513	0.0815
1534.211	0.0602	0.3859	0.1021	0.0427	0.0187	0.0653	0.056	0.4372	0.0857
1534.363	0.0666	0.3319	0.1159	0.0529	0.022	0.0829	0.0578	0.417	0.0907
1534.516	0.074	0.2755	0.0407	0.0641	0.0251	0.0891	0.0601	0.3921	0.0836
1534.668	0.0677	0.2904	0.0034	0.0744	0.0281	0.0897	0.0611	0.378	0.0735
1534.821	0.0504	0.3914	0	0.0821	0.0311	0.0897	0.0599	0.3793	0.0654
1.372				0.0821	0.0311	0.0897	0.0599	0.3793	0.0654
1535.887	0.0539	0.4509	0.0817	0.0903	0.0348	0.1021	0.0593	0.3858	0.067
1536.040	0.052	0.4271	0.0172	0.0983	0.0382	0.1047	0.0586	0.3891	0.0625
0.305				0.0161	0.0071	0.0151	0.053	0.4392	0.0494
1538.935	0.051	0.409	0.1556	0.106	0.0414	0.1284	0.058	0.3906	0.0702
1539.088	0.0572	0.3684	0.1861	0.1147	0.0446	0.1568	0.0579	0.3889	0.0791
1539.240	0.0632	0.3329	0.2229	0.1244	0.0478	0.1908	0.0583	0.3846	0.0894
1539.393	0.0744	0.2881	0.187	0.1357	0.0511	0.2193	0.0594	0.3765	0.0959
1539.545	0.0744	0.2944	0.1911	0.147	0.0544	0.2484	0.0603	0.3702	0.1019
1539.697	0.08	0.2777	0.1465	0.1592	0.0578	0.2707	0.0615	0.3631	0.1045
1539.850	0.0863	0.2579	0.1279	0.1724	0.0612	0.2902	0.0628	0.3551	0.1058
1540.002	0.0844	0.2631	0.1127	0.1853	0.0646	0.3074	0.064	0.3487	0.1062
1540.155	0.0768	0.2869	0.1006	0.197	0.068	0.3227	0.0646	0.345	0.1059
1540.307	0.0734	0.2977	0.1092	0.2082	0.0713	0.3394	0.065	0.3425	0.106
1540.459	0.0811	0.2706	0.1072	0.2205	0.0746	0.3557	0.0658	0.3384	0.1061
1540.612	0.0776	0.2848	0.1418	0.2323	0.078	0.3773	0.0663	0.3357	0.1076
1540.764	0.0757	0.2948	0.1566	0.2439	0.0814	0.4012	0.0667	0.3338	0.1097
1540.917	0.0748	0.2964	0.1479	0.2553	0.0848	0.4237	0.067	0.3321	0.1112
1541.069	0.0767	0.288	0.1576	0.267	0.0881	0.4477	0.0674	0.3302	0.113
1541.221	0.0835	0.2639	0.153	0.2797	0.0915	0.471	0.068	0.3272	0.1145
1541.374	0.0887	0.248	0.1496	0.2932	0.0949	0.4938	0.0687	0.3235	0.1157
1541.526	0.0895	0.2323	0.1195	0.3069	0.098	0.5121	0.0694	0.3194	0.1159
1541.679	0.0828	0.2398	0.1507	0.3195	0.101	0.535	0.0699	0.3163	0.117
1541.831	0.0662	0.3001	0.154	0.3296	0.1041	0.5585	0.0698	0.3158	0.1182
1541.983	0.0525	0.3642	0.2491	0.3376	0.107	0.5965	0.0692	0.317	0.1223
3.200				0.2393	0.0688	0.4917	0.0748	0.2873	0.1536

1542.441	0.0558	0.3494	0.2709	0.3461	0.11	0.6377	0.0688	0.3178	0.1268
1542.593	0.0606	0.3308	0.2512	0.3553	0.113	0.676	0.0686	0.3181	0.1305
1542.745	0.0664	0.3212	0.2241	0.3654	0.1163	0.7102	0.0685	0.3182	0.1331
1542.898	0.0705	0.3186	0.207	0.3761	0.1197	0.7417	0.0686	0.3182	0.1352
1543.050	0.0724	0.3228	0.2237	0.3872	0.1232	0.7758	0.0687	0.3183	0.1376
1543.203	0.0807	0.3218	0.1579	0.3995	0.1272	0.7999	0.069	0.3184	0.1381
1543.355	0.0879	0.3274	0.0746	0.4129	0.1316	0.8113	0.0695	0.3187	0.1365
1543.507	0.0962	0.3101	0.0337	0.4275	0.1361	0.8164	0.0701	0.3184	0.1339
1543.660	0.1015	0.2981	0.1322	0.443	0.1407	0.8365	0.0709	0.3177	0.1339

1HOLE: EAST_MEREENIE_36

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Cutoff Logs				Summation			Averages		
DEPTH	PHIE	SW	VSH	PHIE	BVW	VSH	PHIE	SW	VSH
1543.812	0.1065	0.286	0.2644	0.4592	0.1454	0.8768	0.0717	0.3166	0.137
1.524				0.1217	0.0384	0.2804	0.0798	0.3156	0.184

1545.793	0.0682	0.3919	0.2935	0.4696	0.1495	0.9216	0.0717	0.3183	0.1406
1545.946	0.09	0.2981	0.2251	0.4833	0.1535	0.9559	0.0721	0.3177	0.1425
1546.098	0.1005	0.2675	0.1337	0.4986	0.1576	0.9762	0.0727	0.3161	0.1424
1546.251	0.1001	0.2661	0.0865	0.5139	0.1617	0.9894	0.0733	0.3147	0.1411
1546.403	0.0977	0.2655	0.0138	0.5288	0.1657	0.9915	0.0738	0.3133	0.1384
1546.555	0.0963	0.2626	0	0.5435	0.1695	0.9915	0.0743	0.3119	0.1355
1546.708	0.0962	0.2566	0	0.5581	0.1733	0.9915	0.0747	0.3105	0.1328
1546.860	0.0971	0.2484	0	0.5729	0.1769	0.9915	0.0752	0.3089	0.1301
1547.013	0.0969	0.2367	0	0.5877	0.1804	0.9915	0.0756	0.307	0.1276
1547.165	0.0937	0.2327	0.0222	0.602	0.1838	0.9949	0.076	0.3053	0.1255
1547.317	0.0895	0.2436	0.0577	0.6156	0.1871	1.0037	0.0762	0.3039	0.1243
1547.470	0.0878	0.2543	0.0815	0.629	0.1905	1.0161	0.0764	0.3029	0.1235
1547.622	0.0878	0.2614	0.112	0.6423	0.194	1.0332	0.0766	0.302	0.1233
1547.775	0.0874	0.2657	0.1363	0.6557	0.1975	1.054	0.0768	0.3013	0.1235
1547.927	0.0858	0.2602	0.1494	0.6687	0.2009	1.0767	0.077	0.3005	0.1239
1548.079	0.0862	0.2535	0.103	0.6819	0.2043	1.0924	0.0771	0.2995	0.1236
1548.232	0.0828	0.2491	0.072	0.6945	0.2074	1.1034	0.0772	0.2986	0.1227
1548.384	0.0787	0.2555	0.0439	0.7065	0.2105	1.1101	0.0773	0.2979	0.1214
1548.537	0.0759	0.2629	0.0562	0.7181	0.2135	1.1187	0.0772	0.2973	0.1203
1548.689	0.0763	0.2684	0.0995	0.7297	0.2166	1.1338	0.0772	0.2969	0.12
1548.841	0.0746	0.2972	0.1397	0.7411	0.22	1.1551	0.0772	0.2969	0.1203
1548.994	0.0762	0.298	0.1374	0.7527	0.2235	1.176	0.0772	0.2969	0.1206
1549.146	0.0792	0.2879	0.1251	0.7647	0.2269	1.1951	0.0772	0.2968	0.1206
1549.299	0.0835	0.2751	0.1312	0.7775	0.2304	1.2151	0.0773	0.2964	0.1208
1549.451	0.0864	0.2683	0.1475	0.7907	0.234	1.2376	0.0774	0.2959	0.1212
1549.603	0.0866	0.2742	0.1544	0.8038	0.2376	1.2611	0.0776	0.2956	0.1217
1549.756	0.0854	0.2859	0.1404	0.8169	0.2413	1.2825	0.0777	0.2954	0.122
1549.908	0.0851	0.2885	0.1076	0.8298	0.2451	1.2989	0.0778	0.2953	0.1218
1550.061	0.0863	0.2849	0.1137	0.843	0.2488	1.3162	0.0779	0.2952	0.1216
1550.213	0.0903	0.2794	0.1052	0.8567	0.2527	1.3323	0.0781	0.2949	0.1214
1550.365	0.0909	0.2981	0.1212	0.8706	0.2568	1.3507	0.0783	0.2949	0.1214
1550.518	0.0923	0.2937	0.0616	0.8847	0.2609	1.3601	0.0784	0.2949	0.1206
1550.670	0.0906	0.2965	0.0478	0.8985	0.265	1.3674	0.0786	0.295	0.1196
1550.823	0.0897	0.2978	0.0199	0.9121	0.2691	1.3705	0.0788	0.295	0.1183
1550.975	0.089	0.2866	0.0644	0.9257	0.273	1.3803	0.0789	0.2949	0.1176
1551.127	0.0888	0.3083	0.2025	0.9392	0.2771	1.4111	0.079	0.2951	0.1187
5.486				0.48	0.1318	0.5343	0.0875	0.2745	0.0974

1HOLE: EAST_MEREENIE_36

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Totals for interval : P3-120/130
Interval top : 1531.5
Interval bottom : 1551.2

Summation					Averages		
Thickness	Hydrocarbon	PHIE	BVW	VSH	PHIE	SW	VSH
11.887	0.662	0.9392	0.2771	1.4111	0.079	0.2951	0.1187

1HOLE: EAST_MEREENIE_36

Interval name : P3-150
Interval top : 1551.2
Interval bottom : 1563

Cutoffs:
PHIE >= 0.05
SW < 0.6
VSH < 0.3

Depth listing for pay depths.
Summation type is zone.

1HOLE: EAST_MEREENIE_36

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Cutoff Logs				Summation			Averages		
DEPTH	PHIE	SW	VSH	PHIE	BVW	VSH	PHIE	SW	VSH
1551.432	0.0932	0.4448	0.2782	0.0142	0.0063	0.0424	0.0932	0.4448	0.2782
1551.585	0.0956	0.449	0.1146	0.0288	0.0129	0.0599	0.0944	0.4469	0.1964
1551.737	0.0883	0.5396	0.0434	0.0422	0.0201	0.0665	0.0924	0.4765	0.1454
0.457				0.0422	0.0201	0.0665	0.0924	0.4765	0.1454

1HOLE: EAST_MEREENIE_36

Totals for interval : P3-150
Interval top : 1551.2
Interval bottom : 1563

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Summation					Averages		
Thickness	Hydrocarbon	PHIE	BVW	VSH	PHIE	SW	VSH
0.457	0.022	0.0422	0.0201	0.0665	0.0924	0.4765	0.1454

1HOLE: EAST_MEREENIE_36

Interval name : P3-190
Interval top : 1563
Interval bottom : 1575.8

Cutoffs:
PHIE >= 0.05
SW < 0.6
VSH < 0.3

Depth listing for pay depths.

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Summation type is zone.
1HOLE: EAST_MERREENIE_36

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Cutoff Logs				Summation			Averages		
DEPTH	PHIE	SW	VSH	PHIE	BVW	VSH	PHIE	SW	VSH

1HOLE: EAST_MERREENIE_36

Totals for interval : P3-190
Interval top : 1563
Interval bottom : 1575.8

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Summation						Averages		
Thickness	Hydrocarbon	PHIE	BVW	VSH		PHIE	SW	VSH
0.000	0.022	0	0	0		0	0	0

1HOLE: EAST_MERREENIE_36

Interval name : P3-230/250
Interval top : 1575.8
Interval bottom : 1592.4

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Cutoffs:
PHIE >= 0.05
SW < 0.6
VSH < 0.3

Depth listing for pay depths.
Summation type is zone.

1HOLE: EAST_MERREENIE_36

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Cutoff Logs				Summation			Averages		
DEPTH	PHIE	SW	VSH	PHIE	BVW	VSH	PHIE	SW	VSH
1577.950	0.0503	0.5426	0.2797	0.0077	0.0042	0.0426	0.0503	0.5426	0.2797
1578.102	0.0765	0.3477	0.2107	0.0193	0.0082	0.0747	0.0634	0.425	0.2452
1578.255	0.0881	0.3026	0.1824	0.0327	0.0123	0.1025	0.0716	0.3748	0.2243
1578.407	0.0908	0.3015	0.1326	0.0466	0.0164	0.1227	0.0764	0.353	0.2013
1578.559	0.0906	0.3262	0.2073	0.0604	0.0209	0.1543	0.0793	0.3469	0.2025
1578.712	0.0938	0.3329	0.2679	0.0747	0.0257	0.1952	0.0817	0.3442	0.2134
0.914				0.0747	0.0257	0.1952	0.0817	0.3442	0.2134
1579.169	0.095	0.3369	0.2727	0.0892	0.0306	0.2367	0.0836	0.343	0.2219
1579.321	0.098	0.3246	0.197	0.1041	0.0354	0.2667	0.0854	0.3404	0.2188
1579.474	0.0987	0.3185	0.1642	0.1191	0.0402	0.2918	0.0869	0.3376	0.2127
1579.626	0.0923	0.3319	0.1805	0.1332	0.0449	0.3193	0.0874	0.337	0.2095
1579.779	0.0806	0.3972	0.1745	0.1455	0.0498	0.3459	0.0868	0.3421	0.2063
1579.931	0.0618	0.4893	0.1714	0.1549	0.0544	0.372	0.0847	0.351	0.2034
0.914				0.0802	0.0287	0.1768	0.0877	0.3574	0.1934
1580.388	0.0563	0.5982	0.0675	0.1635	0.0595	0.3823	0.0825	0.364	0.193
1580.541	0.0618	0.5285	0.0868	0.1729	0.0645	0.3955	0.08	0.373	0.1854

1580.693	0.0652	0.4809	0.1788	0.1828	0.0693	0.4228	0.08	0.3788	0.1849
1580.845	0.0709	0.4337	0.2536	0.1936	0.074	0.4614	0.08	0.3819	0.1892
1580.998	0.0757	0.3994	0.295	0.2052	0.0786	0.5064	0.0792	0.3829	0.1954
1581.150	0.0833	0.3644	0.2327	0.2179	0.0832	0.5418	0.0794	0.3818	0.1975
1581.303	0.0939	0.3464	0.2915	0.2322	0.0881	0.5862	0.0802	0.3796	0.2025
1581.455	0.1037	0.3298	0.2703	0.248	0.0934	0.6274	0.0814	0.3765	0.2059
1581.607	0.106	0.3333	0.2778	0.2641	0.0987	0.6698	0.0825	0.3738	0.2093
1581.760	0.1062	0.3395	0.2611	0.2803	0.1042	0.7096	0.0836	0.3718	0.2116
1581.912	0.1106	0.3305	0.2253	0.2972	0.1098	0.7439	0.0848	0.3695	0.2122
1582.065	0.1185	0.3159	0.1645	0.3152	0.1155	0.769	0.0862	0.3664	0.2102
1582.217	0.1231	0.3092	0.1518	0.334	0.1213	0.7921	0.0877	0.3632	0.2079
1582.369	0.1215	0.3189	0.157	0.3525	0.1272	0.8161	0.089	0.3609	0.206
1582.522	0.12	0.3294	0.2117	0.3708	0.1332	0.8483	0.0901	0.3593	0.2062
1582.674	0.1173	0.3372	0.2128	0.3887	0.1393	0.8808	0.0911	0.3583	0.2064
1582.827	0.1145	0.3379	0.2513	0.4061	0.1452	0.9191	0.0919	0.3574	0.208

2.591				0.2512	0.0908	0.5471	0.097	0.3614	0.2112
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1583.284	0.1139	0.328	0.2816	0.4235	0.1508	0.962	0.0926	0.3562	0.2104
1583.436	0.1161	0.3223	0.2621	0.4412	0.1565	1.0019	0.0934	0.3549	0.2121
1583.589	0.1149	0.325	0.2261	0.4587	0.1622	1.0364	0.094	0.3537	0.2125
1583.741	0.1139	0.3239	0.1831	0.476	0.1679	1.0643	0.0947	0.3526	0.2116
1583.893	0.1121	0.3261	0.1309	0.4931	0.1734	1.0842	0.0952	0.3517	0.2092
1584.046	0.1105	0.3267	0.1191	0.5099	0.1789	1.1024	0.0956	0.3509	0.2067
1584.198	0.1095	0.3274	0.1084	0.5266	0.1844	1.1189	0.096	0.3501	0.2039
1584.351	0.1027	0.3411	0.132	0.5423	0.1897	1.139	0.0962	0.3499	0.202
1584.503	0.0963	0.3512	0.1612	0.557	0.1949	1.1636	0.0962	0.3499	0.2009
1584.655	0.0922	0.3579	0.1813	0.571	0.1999	1.1912	0.0961	0.3501	0.2004
1584.808	0.0915	0.3525	0.1636	0.585	0.2048	1.2162	0.096	0.3502	0.1995
1584.960	0.091	0.3521	0.1431	0.5988	0.2097	1.238	0.0958	0.3502	0.1981

1HOLE: EAST_MERENIE_36

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Cutoff Logs				Summation			Averages		
DEPTH	PHIE	SW	VSH	PHIE	BVW	VSH	PHIE	SW	VSH
1585.113	0.0867	0.365	0.1321	0.612	0.2145	1.2581	0.0956	0.3505	0.1966
1585.265	0.0751	0.4078	0.1857	0.6235	0.2192	1.2864	0.0951	0.3516	0.1963
1585.417	0.0654	0.451	0.1551	0.6335	0.2237	1.31	0.0945	0.3531	0.1954
1585.570	0.0581	0.4823	0.1022	0.6423	0.228	1.3256	0.0937	0.3549	0.1933
1585.722	0.0502	0.4499	0.0436	0.65	0.2314	1.3323	0.0927	0.356	0.19
2.591				0.2439	0.0863	0.4132	0.0941	0.3538	0.1595
1586.179	0.0581	0.4677	0.0159	0.6588	0.2356	1.3347	0.092	0.3575	0.1863
1586.332	0.0651	0.4342	0.0263	0.6687	0.2399	1.3387	0.0914	0.3587	0.183
1586.484	0.0712	0.4172	0.0513	0.6796	0.2444	1.3465	0.091	0.3596	0.1803
1586.637	0.0755	0.4019	0.0689	0.6911	0.249	1.357	0.0907	0.3603	0.1781
1586.789	0.072	0.4254	0.1118	0.7021	0.2537	1.374	0.0903	0.3613	0.1768
1586.941	0.0619	0.5553	0.1685	0.7115	0.2589	1.3997	0.0898	0.3639	0.1766
0.914				0.0615	0.0275	0.0675	0.0673	0.447	0.0738
1587.246	0.0532	0.5708	0.1717	0.7196	0.2635	1.4259	0.0891	0.3662	0.1765
1587.399	0.0607	0.513	0.1747	0.7288	0.2683	1.4525	0.0886	0.3681	0.1765
1587.551	0.0685	0.4906	0.2998	0.7393	0.2734	1.4982	0.0882	0.3698	0.1787
0.457				0.0278	0.0145	0.0985	0.0608	0.5214	0.2154

1588.161	0.0991	0.4084	0.2543	0.7544	0.2796	1.537	0.0884	0.3706	0.1801
1588.313	0.1027	0.4098	0.2284	0.77	0.286	1.5718	0.0886	0.3714	0.1809
1588.465	0.1029	0.4192	0.2032	0.7857	0.2926	1.6027	0.0889	0.3724	0.1813
1588.618	0.1023	0.4265	0.2164	0.8013	0.2992	1.6357	0.0891	0.3734	0.1819
1588.770	0.1038	0.4254	0.2318	0.8171	0.3059	1.671	0.0894	0.3744	0.1827
1588.923	0.1062	0.4176	0.2079	0.8333	0.3127	1.7027	0.0896	0.3753	0.1832
1589.075	0.1045	0.4213	0.1873	0.8493	0.3194	1.7313	0.0899	0.3761	0.1832
1589.227	0.0978	0.4438	0.1508	0.8642	0.326	1.7543	0.09	0.3773	0.1827
1589.380	0.0818	0.5097	0.1844	0.8766	0.3324	1.7824	0.0899	0.3792	0.1827
1589.532	0.0748	0.52	0.1675	0.888	0.3383	1.8079	0.0896	0.381	0.1825
1589.685	0.0759	0.489	0.1163	0.8996	0.344	1.8256	0.0894	0.3824	0.1815
1589.837	0.0804	0.4367	0.049	0.9118	0.3493	1.8331	0.0893	0.3831	0.1795
1589.989	0.0694	0.4809	0.1012	0.9224	0.3544	1.8485	0.089	0.3842	0.1784
1.981				0.1831	0.081	0.3503	0.0924	0.4423	0.1768

1590.599	0.0658	0.5823	0.0148	0.9325	0.3603	1.8508	0.0887	0.3863	0.176
1590.751	0.0713	0.5932	0.1074	0.9433	0.3667	1.8671	0.0884	0.3887	0.175
1590.904	0.0761	0.5991	0.1375	0.9549	0.3736	1.8881	0.0883	0.3913	0.1745
1591.056	0.0743	0.5726	0.1284	0.9662	0.3801	1.9076	0.0881	0.3934	0.1739
1591.209	0.0676	0.5683	0.0923	0.9765	0.386	1.9217	0.0878	0.3953	0.1727
1591.361	0.0652	0.5323	0.0206	0.9865	0.3913	1.9249	0.0875	0.3966	0.1707
1591.513	0.053	0.5923	0.0057	0.9946	0.3961	1.9257	0.087	0.3982	0.1685
1.067				0.0721	0.0416	0.0772	0.0676	0.5774	0.0724

1HOLE: EAST_MEREENIE_36

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Cutoff Logs				Summation			Averages		
DEPTH	PHIE	SW	VSH	PHIE	BVW	VSH	PHIE	SW	VSH
1591.818	0.055	0.5708	0.1502	1.0029	0.4008	1.9486	0.0866	0.3997	0.1682
0.152				0.0084	0.0048	0.0229	0.055	0.5708	0.1502

1HOLE: EAST_MEREENIE_36

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Totals for interval : P3-230/250
Interval top : 1575.8
Interval bottom : 1592.4

Summation						Averages		
Thickness	Hydrocarbon	PHIE	BVW	VSH		PHIE	SW	VSH
11.582	0.602	1.0029	0.4008	1.9486		0.0866	0.3997	0.1682

1HOLE: EAST_MEREENIE_36

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Interval name : P4
Interval top : 1592.4
Interval bottom : 1653

Cutoffs:
PHIE >= 0.05
SW < 0.6

VSH < 0.3

Depth listing for pay depths.

Summation type is zone.

1HOLE: EAST_MEREENIE_36

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Cutoff Logs				Summation			Averages		
DEPTH	PHIE	SW	VSH	PHIE	BVW	VSH	PHIE	SW	VSH

1HOLE: EAST_MEREENIE_36

Totals for interval : P4
Interval top : 1592.4
Interval bottom : 1653

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Summation					Averages		
Thickness	Hydrocarbon	PHIE	BVW	VSH	PHIE	SW	VSH
0.000	0.602	0	0	0	0	0	0

1HOLE: EAST_MEREENIE_36

Totals for hole EAST_MEREENIE_36 :

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Summation					Averages		
Thickness	Hydrocarbon	PHIE	BVW	VSH	PHIE	SW	VSH
37.643	0.000	2.9733	1.093	4.3116	0.079	0.3676	0.1145

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*           PAYSUMMARY REPORT
*
*       *** END OF REPORT ***
*
*   Project : OPERATIONS
*   User id  : expapp
*   Date    : 16-Aug-95 07:37
*   Pages   : 73
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