BAKER HUGHES INTEQ

Company : Petro Tech Pty. Ltd
Well : Hazelwood-1
Interval : 846.00 - 1103.26 meters
Created : 04/Apr/2007 4:02:22 AM

FORMATION EVALUATION LOG

REMARKS

gas trap to running shaker possan belly.

Claystone: med-dkgy-med grn gy, sli-v slty, com dispered v f altrd felds gr i/p, tr blk carb flecks, tr-com micmic, tr calc ln fract, hd, sbfiss.

Sandstone: med grn gy, slty-vf, sbang-sbrnd, mod srtd, strng sil cmt, abdt wh & gy argill & slt mtx, abdt off wh alter felds grs, com grn gy & tr rd liths, tr f blk carb det, com calc lined frac, v hd, no vis por, no oil fluor.

Claystone: med dkgy-occ med grn gy, sli-v slty, com dispered vf altrd felds gr i/p, tr blk carb flecks, tr-com micmic, tr calc ln fract, hd, sbfiss.

Sandstone: med gy-med grn gy, slty-vf, sbang-sbrnd, mod srtd, strng sil cmt, abdt wh & gy argill & slt mtx, abdt off wh alter felds grs, com grn gy & tr rd liths, tr f blk carb det

com calc lined frac, v hd, no vis por, no oil fluor.

Cutting Gas: C1: 8 ppm, C2+:0

MW 8.85 Vis 29
PV/YP 3/2 Gels 1/1
Sol 3.6 Sd Tr Cl 2500

@904m, Wiper trip to shoe. WTG= 0.23units

Claystone: med dkgy-occ med grn gy, sli-v slty, com dispered vf altrd felds gr i/p, tr blk carb flecks, tr-com micmic, tr calc ln fract, hd, sbfiss.

Carbide checked @ 923m
Ave hole size 12.9"

Sandstone: med gy-med grn gy, slty-vf, sbang-sbrnd, mod srtd, strng sil cmt, abdt wh & gy argill & slt mtx, abdt off wh alter felds grs, com grn gy & tr rd liths, tr f blk carb det

com calc lined frac, v hd, no vis por, no oil fluor.

Claystone: med dkgy-occ med grn

WOB: 19 - 26 klbs
RPM: 81
GPM: 457-541
PP: 645 - 850 psi

01/04/07

WOB: 26 - 28 klbs
RPM: 64-91
GPM: 507-556
PP: 781- 897psi

gy-med brn gy, sli-v slty, com dispered vf altrd felds grs i/p, tr blk carb flecks, tr-com micmic, tr calc ln fract, hd, sbfiss.

@947m, rig power Failure - restarted generator.

MW 8.85 Vis 29
PV/YP 2/2 Gels 1/1
Sol 3.5 Sd Tr Cl 1800

Claystone: med dkgy-occ med grn gy, sli-v slty, com dispered vf altrd felds gr i/p, tr blk carb flecks, tr-com micmic, com calc ln fract, hd, sbfiss.

Claystone: med dkgy-occ med grn gy, sli-v slty, com dispered vf altrd felds gr i/p, tr blk carb flecks, tr-com micmic, tr calc ln fract, hd, sbfiss.

Sandstone: med gy-med grn gy, slty-vf, sbang-sbrnd, mod srtd, strng sil cmt, abdt wh & gy argill & slt mtx, abdt off wh alter felds grs, com grn gy & tr rd liths, tr f blk carb det

com calc lined frac, v hd, no vis por, no oil fluor.

Sandstone: med gy-med grn gy, slty-vf subang-surnd, mod srtd, strng sil cmnt, abdt wh and med gy argill and silt mtx, abdt off wh atrd felds gr, comm grn gy, tr rd liths,

tr vf blk carb det, tr calc ln fract, v hd, n vis por, no oil fluor

Survey@1033m= 4.25 Deg. AZI: E10 S
Claystone: med dkgy-med grn gy-rrly med brn gy, sli-v slty, com dispered vf altrd felds gr i/p, tr blk carb flecks, tr-com micmic, tr calc ln fract, hd, sbfiss.

Sandstone: med gy-med grn gy, slty-vf sbang-sbrnd, mod srtd, strng sil cmt, abdt wh & med dk gy argill & silt mtx, abdt off wh atrd felds grs, com grn gy & tr rd liths,

tr vf blk carb det, tr calc ln fract, v hd, n vis por, no oil fluor.

Claystone: med dkgy-med grn gy,sli-oftn v slty, com dispered vf altrd felds gr i/p, tr blk carb flecks, tr-com micmic, tr calc ln fract, hd, sbfiss.

1090
1100
FORMATION EVALUATION LOG
RATE OF PENETRATION
ROP (0-100m/hr)
100 90 80 70 60 50 40 30 20 10
Backup ROP (100-200m/hr)
200 190 180 170 160 150 140 130 120 110
WOB (klb)
5 10 15 20 25 30 35 40 45 50
TORQUE AVG
5 10 15 20 25 30 35 40 45 50
INTERPRETED LITHOLOGY
MD meters 1:500
LITHOLOGY
CORE
OIL SHOWS
TOTAL GAS
TOTAL GAS
10 20 30 40 50
unit
BACKUP TOTAL GAS
10.4 20.3 30.2 40.1 50
unit
CHROMATOGRAPH
Methane ppm
1 10000
Ethane ppm
1 10000
Propane ppm
1 10000
iso-Butane ppm
1 10000
n-Butane ppm
1 10000
iso-Pentane ppm
1 10000
n-Pentane ppm
10 100 1000 10000
REMARKS