

FORMATION EVALUATION LOG

RATE OF PENETRATION						INTERPRETED LITHOLOGY	MD meters 1:500	LITHOLOGY	CORE	OIL SHOWS	TOTAL GAS	CHROMATOGRAPH				REMARKS	
ROP (0-50m/hr)												1	Methane ppm				10000
50	45	40	35	30	25							1	Ethane ppm				10000
Backup ROP (50-200m/hr)												1	Propane ppm				10000
200	185	170	155	140	125	1	iso-Butane ppm			10000							
WOB (klb)						1	n-Butane ppm			10000							
5	10	15	20	25	30	1	iso-Pentane ppm			10000							
TORQUE AVG						1	n-Pentane ppm			10000							
5	10	15	20	25	30	10	100	1000	10000								
WQB: 8-30klbs RPM: 77-115 Flow in: 444-459gpm SPP: 1030-1247psi 17/01/2007											Claystone: gy-med grn gy-med brn gy oft v slty, v f aren w/altrd fields grn i/p, sl-mod carb, com blk carb flks & coal det, com mic, tr calc lines frac, hd, sbfiss.						
											Carbide Lag Check @ 1318m Calculated Average Hole Size: 10.0"						
WQB: 5-24klbs RPM: 90-156 Flow in: 445-452gpm SPP: 1093-1277psi											Fluorescence (1310-1330 & 1335-1340): the calc frac infill has 10-20% mod brt-brt patchy pl yel fluor giving a wk dull yel wh crsh cut, thin ring res, tr med dk brn oil staining on some calc xtal surf. Sandstone: off wh-med grn gy, vf-f, dom f, sbang-rnd, mod srtd, abnt off wh arg mtx-mtx sprtd, strng sil & calc cmt, abnt off wh altrd fields grn, com gy grn volc lith, tr red brn lith & qtz grn, tr blk coal det, com calc & tr goethite lined frac, hd-v hd, no vis por, no integranular oil fluor.						
											Claystone: gy-med grn gy-med brn gy oft v slty, v f aren w/altrd fields grn i/p, sl-mod carb, com blk carb flks & coal det, com mic, tr calc lines frac, hd, sbfiss.						
WQB: 5-24klbs RPM: 90-156 Flow in: 445-452gpm SPP: 1093-1277psi											Fluorescence (1370-1375): the calc fract infill has 5% mod bri -bri ptchy p yel fluor giving a wk dull yel wh crsh cut, tr res.						
											Sandstone: off wh-med grn gy, vf-f, dom vf, sbang-rnd, mod srtd, abnt off wh arg mtx-mtx sprtd, strng sil & calc cmt, abnt off wh altrd fields grn, com gy grn volc lith, tr red brn lith & qtz grn, tr blk coal det, rr calc lined frac, hd, no vis por, no intergranular oil fluor.						
WQB: 5-24klbs RPM: 90-156 Flow in: 445-452gpm SPP: 1093-1277psi											Survey @ 1399m = 4 deg incl						
											Sandstone: off wh-med grn gy, vf-f, dom vf, sbang-rnd, mod srtd, abnt off wh arg mtx-mtx sprtd, strng sil & calc cmt, abnt off wh altrd fields grn, com gy grn volc lith, tr red brn lith & qtz grn, tr blk coal det, rr calc lined frac, hd, no vis por, no intergranular oil fluor.						

