RECON PETROTECHNOLOGIES LTD

SHALLOW GAS INFLOW PROFILE

COMPANY:		DEPTH DRILLER:
WELL:	EXAMPLE	TAG BTM:
FIELD:		BTM. LOG DEPTH:
LOCATION:		TOP LOG DEPTH:
PROVINCE:	LOG	**SURFACE GAS PRODUCTION EST:** 5.0 – 7.0 e3m3/d
DATE:		**EST. PROD. SPINNER SURVEY:** 4.5 - 5.6 e3m3/d

MEMORY LOG SERVICES:

SPINNER, TEMP, QTZ. PRESS, FLUID DENSITY, GR, CCL

(FLOW WHP: 930 kpa) (WELL SI: 60 min: 3209 kpa)

Track 1	Min	Units	Max
Collar Locator	-10000	mv	3500
Perforations	20	----	0
Gamma Ray (PL)	30	api	180
Gamma Ray - Correlation	20	api	120
Line Speed Pass #1	-50	m/min	50
Line Speed Pass #2	-50	m/min	50
Line Speed Pass #3	-50	m/min	50
Line Speed Pass #4	-50	m/min	50
Percent Inflow	0	%	100

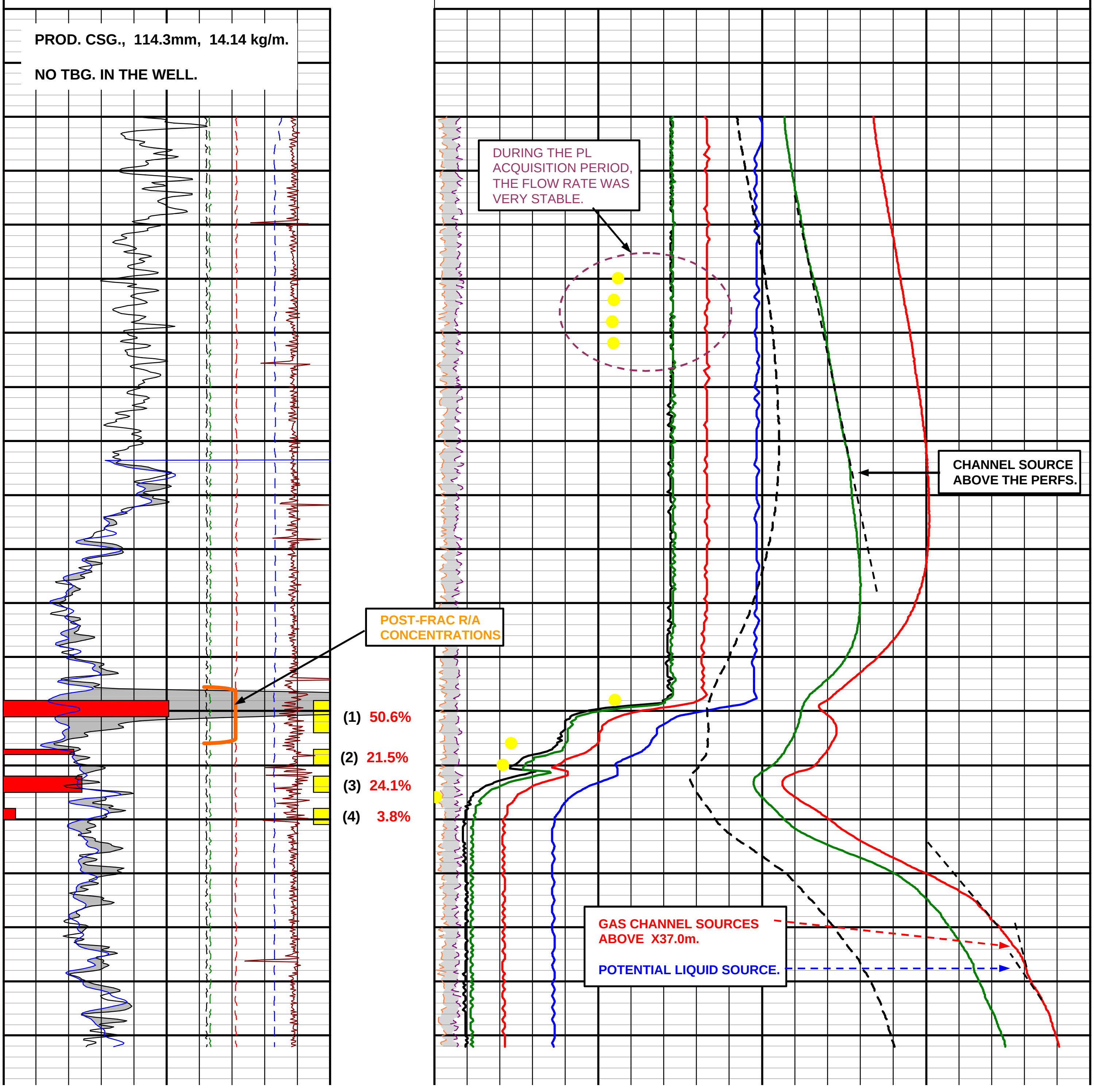
Perf. Intervals

Post-Frac R/A Concentrations

Percent Inflow

Track 2	Min	Units	Max
Flow Spinner Pass #1 Dn. @ 12 m/min	0.0	rps	25.0
Flow Spinner Pass #2 Dn. @ 22 m/min	0.0	rps	25.0
Flow Spinner Pass #3 Dn. @ 32 m/min.	0.0	rps	25.0
Flow Spinner Pass #4 Dn. @ 12 m/min (Repeat Pass)	0.0	rps	25.0
Flow Temperature Pass #1 Dn. @ 12 m/min	10.0	degC	16.0
Temperature (Well SI: 30 min) Dn. @ 10 m/min	10.0	degC	16.0
Temperature (Well SI: 60 min) Dn. @ 10 m/min.	10.0	degC	16.0
Fluid Density Pass #1 Dn. @ 12 m/min.	0.0	gm/cc	2.0
Fluid Density (Well SI: 60 min) Dn. @ 10 m/min.	0.0	gm/cc	2.0
Flow Spinner Stations	0.0	rps	25.0

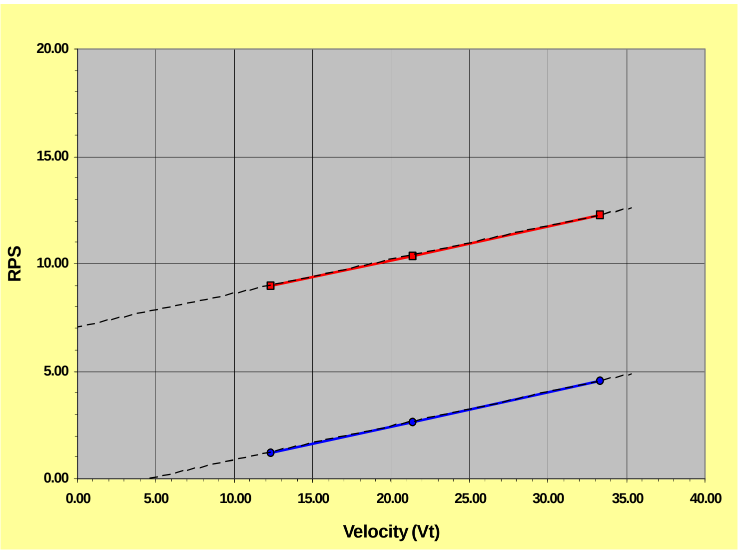
Static Fluid Density Increase Due To Compression



INTERPRETATION SUMMARY: (BASED ON EST. SURF. RATE: 5.0 e3m3/d)

PERF. ZONE	EFFECTIVE INTERVALS	(%) INFLOW	(Qg: e3m3/d) SURFACE	COMMENTS
(1)	X14.0-X15.5m	50.6	2.530	Major source of gas prod. Channel gas source above the perfs. to X92.0M.
(2)	X18.5-X19.0m	21.5	1.075	
(3)	X21.0-X22.5m	24.1	1.205	
(4)	X24.0-X25.0m	3.8	0.190	Minor source of gas prod. Channel sources below the perfs. to x39.5m.
	TOTALS	100%	5.0 e3m3/d	

SPINNER CALIBRATION:



- CSG., 114.3mm, 14.14 kg/m. (PC: 0.008472)

- 100% SLOPE: 0.1569 rps/m/min.
- ZERO FLOW SLOPE: 0.1586 rps/m/min.
- BY-PASS VELOCITY: 4.6 m/min.

- Y-INTERCEPT: 7.06 rps
- AV. 100% FLOW STATION: 6.9 rps

- FLOW RATE: 599.4 m3/d RESERVOIR. (No flow correction)
- FLOW RATE: 497.5 m3/d RESERVOIR. (With 0.83 flow correction)

- Bg: 0.10632 (Temp: 13.2 C) (Pr: 925 kpa)

- AV. EQUIVALENT SURFACE PROD: 5.16 e3m3/d