ACOUSTIC PRESSURE SURVEY
STATIC PRESSURE CALCULATION

SAMPLE et al ALBERTA 1-2-30-4
100/01-02-030-04W5/0
License: 0123456
Field: ALBERTA
Formation: GILWOOD
Pool: GILWOOD A

2012-JAN-30

Prepared by:	NR-Tec Analyst
Date:	2012-Feb-02
Prepared for:	BOB LOBLAW SAMPLE COMPANY

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SAMPLE COMPANY

ACOUSTIC PRESSURE SURVEY (STATIC CALCULATION)
SAMPLE ET AL ALBERTA 1-2-30-4
100/01-02-030-04W5/0
ALBERTA
POOL: GILWOOD A
January 30, 2012

TEST SUMMARY:

- A surface pressure and a fluid level were obtained with an acoustic well sounder instrument on 2012-01-30 at 13:20 hours to calculate a shut-in bottomhole pressure at the mid-point of the producing interval.
- The subject well had been shut-in for 1.2 year(s) (since 08:00 on 2010-11-17).
- Since this well was shut-in for an extended period of time, the fluid in the annulus is assumed to be 100% oil. This results in a calculated bottomhole pressure of 6,747 kPa (absolute) at the mid-point of the producing interval.
- Assuming the annulus contains an emulsion with the water oil ratio equal to the ratio of the last measured production rates results in a pressure of 8,236 kPa (absolute). Assuming the annulus contains 100% water results in a pressure of 8,980 kPa (absolute).

PRESSURE DATA CALCULATIONS:

- The bottomhole pressures were calculated using the following information:

Atmospheric Pressure	93.0 kPa
Formation Depth	1,737.80 m KB
Oil Gravity	40.43 °API
Water Gravity	1.050
Gas Gravity	0.780
Oil Production	5.16 m^3/d
Water Production	11.67 m^3/d
Gas Production	0.14 E^3m^3/d
Bottomhole Temperature	50.00 °C

ATTACHMENTS:
ACOUSTIC WELLSOUNDER PRESSURE SURVEY DATA
PRESSURE FILE (PAS FORMAT)

ACOUSTIC WELLSOUNDER PRESSURE SURVEY

COMPANY:	SAMPLE COMPANY	POOL:	GILWOOD A	U.W.I.:	100/01-02-030-04W5/0
FIELD:	ALBERTA	WELL STATUS:	Pumping Oil	WELL NAME:	SAMPLE et al ALBERTA 1-2-30-4
SHUT-IN:	2010-Nov-17 @ 08:00:00	LICENSE:	0123456		

ELEVATIONS:

Kelly Bushing (KB):	650.30	m
Casing Flange (CF):	645.80	m
KB to CF:	4.50	m

FLUID PROPERTIES:

Gas Gravity:	0.780	
Oil Gravity:	40.430	°API
Water Gravity:	1.050	

TEMPERATURES:

Surface:	-0.60	°C
Reservoir:	50.00	°C

PRODUCTION RATES:

Gas:	0.14	E³m³/d
Oil:	5.16	m³/d
Water:	11.67	m³/d

TUBING:

Total Joints:	182.000	
Tubing Bottom:	1733.50	m KB
Average Joint Length:	9.500	m

PRODUCING INTERVAL:

Top:	1,735.80	m KB
Bottom:	1,739.80	m KB
Mid-Point:	1,737.80	m KB

NOTES:

	TEST			JOINTS	SURFACE	GAS COLUMN			OIL COLUMN			EMULSION COLUMN			PRESSURE
	TIME			TO	PRESSURE	HEIGHT	GRADIENT	PRESSURE	HEIGHT	GRADIENT	PRESSURE	HEIGHT	GRADIENT	PRESSURE	@ MPP
NO.	(hours)	DATE	TIME	LIQUID	(kPaa)	(m)	(kPa/m)	(kPa)	(m)	(kPa/m)	(kPa)	(m)	(kPa/m)	(kPa)	(kPaa)
1	10541.333	2012-Jan-30	13:20:00	91.50	120.0	869.3	0.012	10.2	864.1	7.658	6617.2	--	--	--	6747.4