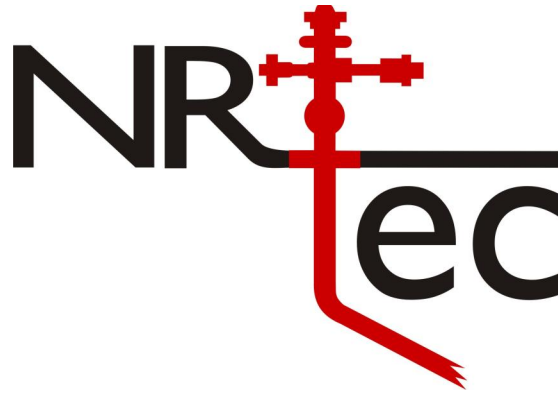


ACOUSTIC PRESSURE SURVEY
STATIC PRESSURE CALCULATION



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 ³ m 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:

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