PRODUCING SUB SURFACE PRESSURE REPORT

PRIME RESOURCES LTD.
PRIME ENCHANT 9-09-12-16 102/09-09-09-12-16W4/0
FIELD: ENCHANT
FORMATION: GLAUC

TEST DATE: July 16, 2012

DISTRIBUTION: John Doe
PREPARED BY: Definitive Optimization

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ANNULAR FLUID DEPRESSION TEST

SAMPLE COMPANY
SAMPLE et al ALBERTA 9-09-12-16
100/09-09-12-16W4/0
Test Date: June 15, 2012

INTRODUCTION

An annular fluid depression test was conducted on the subject well in order to determine an annular fluid gradient and producing subsurface pressure at the mid-point of the perforated interval.

PROCEDURE

Pumping fluid levels and wellhead pressures were obtained using an automated acoustic fluid level instrument.

Backpressure was applied to the annulus by closing the casing valve on the "D" wing. The increasing gas/liquid interface pressure causes the fluid level to change. The fluid gradient is established by calculating the gas/liquid interface pressure and measuring the corresponding fluid level at various intervals after the backpressure is applied.

The fluid rates and properties were provided by SAMPLE COMPANY.

RESULTS

A producing pressure at the mid-point of the perforated interval of **3,175 kPaa** kPa (absolute) was determined from the test points.

Summary sheets showing test results, calculations and graphs of the annular fluid depression test are included with this report

ANNULAR FLUID DEPRESSION TEST

COMPANY:	**SAMPLE COMPANY**	POOL:	**GILWOOD X**	U.W.I.:	**100/09-09-12-16W4/0**
FIELD:	**ALBERTA**	WELL STATUS:	**Pumping Oil**	WELL NAME:	**SAMPLE et al ALBERTA 9-9-12-16**
		LICENSE:	**0123456**		

ELEVATIONS:

Kelly Bushing (KB):	771.90	M
Casing Flange (CF):	767.55	M
KB to CF:	4.35	M

FLUID PROPERTIES:

Gas Gravity:	0.700	
Oil Gravity:	40.000	°API
Water Gravity:	1.050	

SURFACE UNIT:

Tubing Pressure:	494.0	kPa
Pumping Speed:	6.4	SPM
Stroke Length:	488.0/192.1	cm/inch

PRODUCTION RATES:

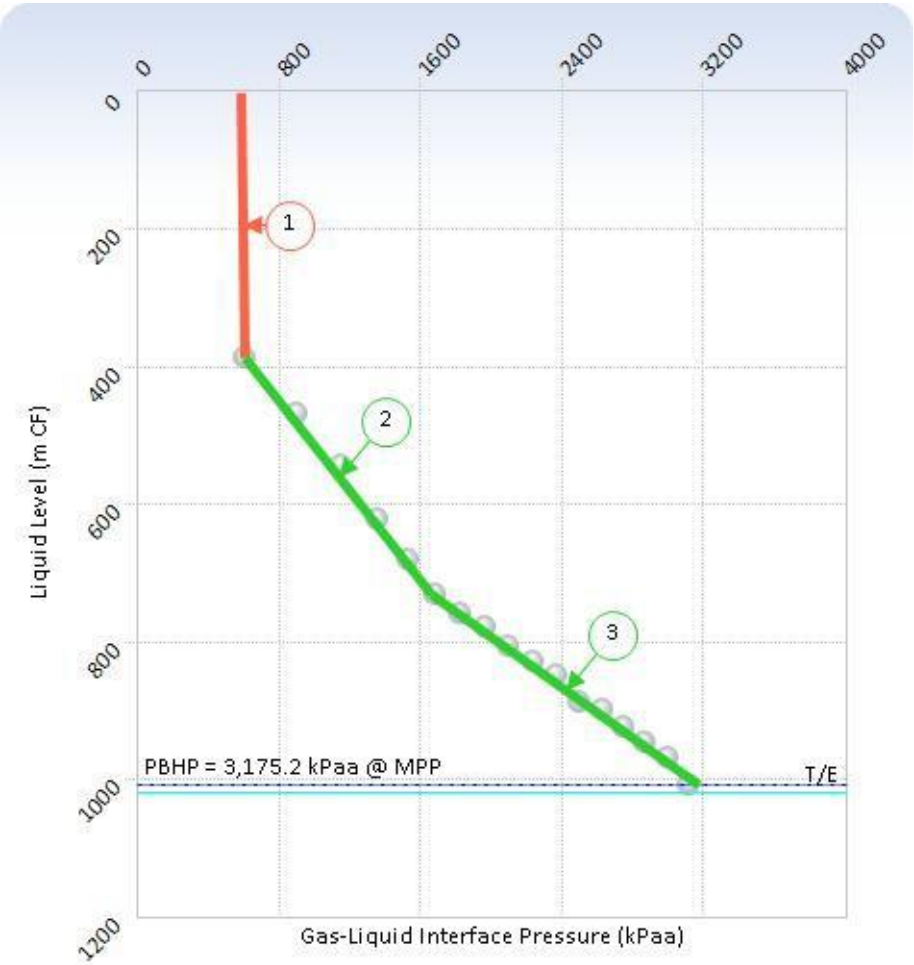
Gas:	8.00	E³m³/d
Oil:	35.00	m³/d
Water:	35.00	m³/d

TUBING:

Total Joints:	108.000	
Tubing Bottom:	1021.43	m KB
Average Joint Length:	9.417	m

PRODUCING INTERVAL:

Top:	1,007.00	m KB
Bottom:	1,014.70	m KB
Mid-Point:	1,010.85	m KB



	Column Length	Average Gradient	Column Pressure	Column
1	387.1	0.046	18.0	Gas Column
2	343.8	3.092	1,063.2	Calculated
3	275.6	5.468	1,507.0	Calculated

TEST START: 2014-JUN-15 @ 15:38:00

No.	Elapsed Time (hours)	Joints To Fluid	Liquid Level (mCF)	Surface Pressure (kPaa)	Interface Pressure (kPaa)
1	0.000	41.10	387.06	587.0	607.1
2	0.533	49.64	467.48	865.3	901.4
3	1.033	57.66	543.01	1097.6	1151.2
4	1.533	65.81	619.76	1288.8	1361.0
5	2.033	72.31	680.97	1440.6	1529.8
6	2.533	77.61	730.89	1574.9	1680.0
7	3.033	80.36	756.78	1705.9	1824.4
8	3.533	82.55	777.41	1832.1	1963.4
9	4.033	85.58	805.94	1954.8	2100.7
10	4.533	87.96	828.36	2076.8	2236.8
11	5.033	89.97	847.28	2194.6	2368.3
12	5.533	94.27	887.78	2307.8	2499.9
13	6.033	95.37	898.14	2420.9	2625.7
14	6.533	98.02	923.09	2531.5	2752.5
15	7.033	100.49	946.36	2637.0	2873.9
16	7.533	102.78	967.92	2741.8	2994.7
17	8.033	106.90	1,006.72	2844.3	3118.1