

*ACOUSTIC PRESSURE SURVEY (STATIC CALCULATION)*



*JUMPER OIL OPERATIONS LTD.*

*JUMPER 3B TABER 6-18-8-17*

*102/06-18-008-17W4/0*

*FIELD: TABER*

*FORMATION: GLAUC*

*TEST DATE: July 16, 2014*

*DISTRIBUTION: John Doe*

*PREPARED BY: Definitive Optimization*

**Definitive Optimization**

AER/OGC Requirements – Oil/Gas Optimization - Technical Services  
300, 840-6<sup>TH</sup> Ave SW, Calgary, Alberta T2P 3E5 Tel: 1 (855) 933-3678 Fax: 1 (403) 794-0055  
**Website: [www.defopt.com](http://www.defopt.com)**

# JUMPER OIL OPERATIONS LIMITED ACOUSTIC PRESSURE SURVEY

(STATIC CALCULATION)

JUMPER 3B TABER 3-18-9-16

102/06-18-008-17W4/0

FIELD: TABER

POOL: GLAUCONITIC K

July 16, 2014

## TEST SUMMARY:

- ♦ A **Tubing** surface pressure and fluid level were obtained with an acoustic well sounder instrument on 2014-07-16 at 15:21 hours to calculate a shut-in bottomhole pressure at the mid-point of the injection interval.
- ♦ The subject well had been shut-in for 50 days (since 08:00 on 2014-05-27).
- ♦ The casing pressure is 3 kPag.
- ♦ Since the only fluid in the tubing is water, this results in a calculated bottomhole pressure of 8496 kPa (absolute) at the mid-point of the producing interval.

## PRESSURE DATA CALCULATIONS:

- ♦ The bottomhole pressures were calculated using the following information:

Atmospheric Pressure	93.0 kPa
Formation Depth	961.00 m KB
Water Gravity	1.020
Gas Gravity	0.797
Oil Production	0.00 m <sup>3</sup> /d
Water Production	1.00 m <sup>3</sup> /d
Bottomhole Temperature	36.0° C

## ATTACHMENTS:

ACOUSTIC WELLSOUNDER PRESSURE SURVEY DATA  
PRESSURE FILE (PAS FORMAT)

## DEFINITIVE OPTIMIZATION ACOUSTIC WELLSOUNDER PRESSURE SURVEY

COMPANY **JUMPER OIL OPERATIONS LIMITED**  
 FIELD: **TABER**  
 POOL NAME: **GLAUCONITIC K**

WELL NAME: **JUMPER 3B TABER 6-18-8-17**  
 LOCATION: **102/06-18-008-17W4/0**  
 STATUS: **Water Injection**

### TUBING

TOTAL JOINTS = **99.997**  
 TUBING BOTTOM = **951.17** m KB  
 AVG. JOINT LENGTH = **9.472** m

### ELEVATIONS

KELLY BUSHING (K.B.) = **834.80** m  
 GROUND LEVEL (G.L.) = **830.80** m  
 K.B. TO G.L. = **4.00** m

### PRODUCTION

OIL RATE = **0.00** m<sup>3</sup>/d  
 WATER RATE = **1.00** m<sup>3</sup>/d  
 GAS RATE = **0.00** E<sup>3</sup>m<sup>3</sup>/d

### TEMPERATURES

SURFACE TEMP. = **0.00** °C

RESERVOIR TEMP.	=	<b>36.00</b>	°C
-----------------	---	--------------	----

### FLUID PROPERTIES

GAS GRAVITY = **0.797**  
 WATER GRAVITY = **1.020**

### PRODUCING INTERVAL

TOP OF INTERVAL = **959.00** m KB  
 BOTTOM OF INTERVAL = **963.00** m KB  
 MID-POINT = **961.00** m KB

WELL WAS SHUT-IN ON 2014-MAY-27 AT 08:00:00

SHOT #	SHOT DATE AND TIME	TEST TIME (hours)	JOINTS TO FLUID	COL HT. (m)			GRADIENT (kPa/m)			CSG. (kPaa)	GAS (kPa)	PRESSURE OIL (kPa)	WATER (kPa)	MPP (kPaa)
				GAS	OIL	WATER	GAS	OIL	WATER					
1	14-07-16 15:21:30	1207.358	12.43	117.7	-	839.3	0.009	-	10.011	93.0	1.1	-	8402.2	8496.3