



**TEMPORARY ABANDONMENT WELL APPLICATION**

All blanks must be complete

OPERATOR: License# \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Address 1: \_\_\_\_\_  
 Address 2: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
 Contact Person: \_\_\_\_\_  
 Phone: ( \_\_\_\_\_ ) \_\_\_\_\_  
 Contact Person Email: \_\_\_\_\_  
 Field Contact Person: \_\_\_\_\_  
 Field Contact Person Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

API No. 15- \_\_\_\_\_  
 Spot Description: \_\_\_\_\_  
 \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  E  W  
 \_\_\_\_\_ feet from  N /  S Line of Section  
 \_\_\_\_\_ feet from  E /  W Line of Section  
 GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)  
 Datum:  NAD27  NAD83  WGS84  
 County: \_\_\_\_\_ Elevation: \_\_\_\_\_  GL  KB  
 Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_  
 Well Type: (check one)  Oil  Gas  OG  WSW  Other: \_\_\_\_\_  
 SWD Permit #: \_\_\_\_\_  ENHR Permit #: \_\_\_\_\_  
 Gas Storage Permit #: \_\_\_\_\_  
 Spud Date: \_\_\_\_\_ Date Shut-In: \_\_\_\_\_

	Conductor	Surface	Production	Intermediate	Liner	Tubing
Size						
Setting Depth						
Amount of Cement						
Top of Cement						
Bottom of Cement						

Casing Fluid Level from Surface: \_\_\_\_\_ How Determined? \_\_\_\_\_ Date: \_\_\_\_\_  
 Casing Squeeze(s): \_\_\_\_\_ to \_\_\_\_\_ w / \_\_\_\_\_ sacks of cement, \_\_\_\_\_ to \_\_\_\_\_ w / \_\_\_\_\_ sacks of cement. Date: \_\_\_\_\_  
(top) (bottom) (top) (bottom)  
 Do you have a valid Oil & Gas Lease?  Yes  No  
 Depth and Type:  Junk in Hole at \_\_\_\_\_  Tools in Hole at \_\_\_\_\_ Casing Leaks:  Yes  No Depth of casing leak(s): \_\_\_\_\_  
(depth) (depth)  
 Type Completion:  ALT. I  ALT. II Depth of:  DV Tool: \_\_\_\_\_ w / \_\_\_\_\_ sacks of cement  Port Collar: \_\_\_\_\_ w / \_\_\_\_\_ sack of cement  
(depth) (depth)  
 Packer Type: \_\_\_\_\_ Size: \_\_\_\_\_ Inch Set at: \_\_\_\_\_ Feet  
 Total Depth: \_\_\_\_\_ Plug Back Depth: \_\_\_\_\_ Plug Back Method: \_\_\_\_\_

**Geological Data:**

Formation Name	Formation Top	Formation Base	Completion Information
1. _____	At: _____	to _____ Feet	Perforation Interval _____ to _____ Feet or Open Hole Interval _____ to _____ Feet
2. _____	At: _____	to _____ Feet	Perforation Interval _____ to _____ Feet or Open Hole Interval _____ to _____ Feet

UNDER PENALTY OF PERJURY I HEREBY ATTEST THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

Submitted Electronically

<b>Do NOT Write in This Space - KCC USE ONLY</b>	Date Tested: _____	Results: _____	Date Plugged: _____	Date Repaired: _____	Date Put Back in Service: _____
	Review Completed by: _____ Comments: _____				
TA Approved: <input type="checkbox"/> Yes <input type="checkbox"/> Denied Date: _____					

**Mail to the Appropriate KCC Conservation Office:**

	KCC District Office #1 - 210 E. Frontview, Suite A, Dodge City, KS 67801	Phone 620.225.8888
	KCC District Office #2 / UPGS - 3450 N. Rock Road, Building 600, Suite 601, Wichita, KS 67226	Phone 316.630.4000
	KCC District Office #3 - 1500 SW Seventh Steet, Chanute, KS 66720	Phone 620.432.2300
	KCC District Office #4 - 2301 E. 13th Street, Hays, KS 67601-2651	Phone 785.625.0550

Well Name:  
Company:  
Test Date: 2016/01/19

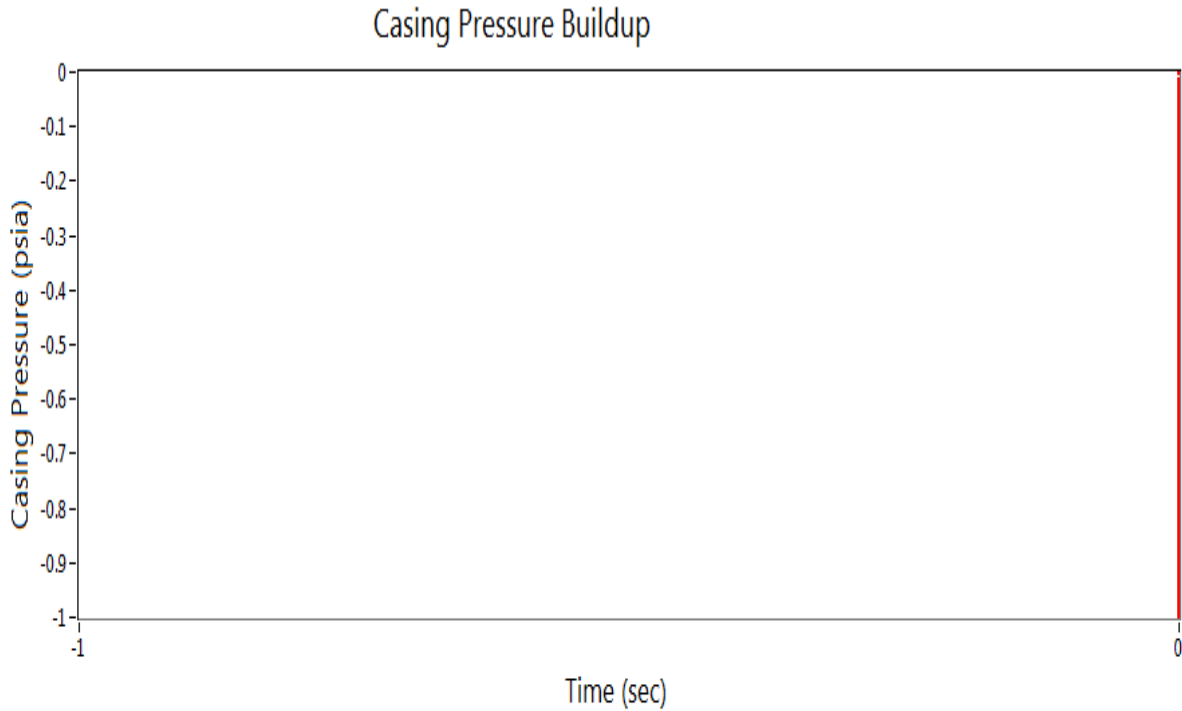
Formation:  
Location:

## Fluid Level and Well Analysis Report

2016/01/19

Well Name:  
Company:  
Test Date: 2016/01/19

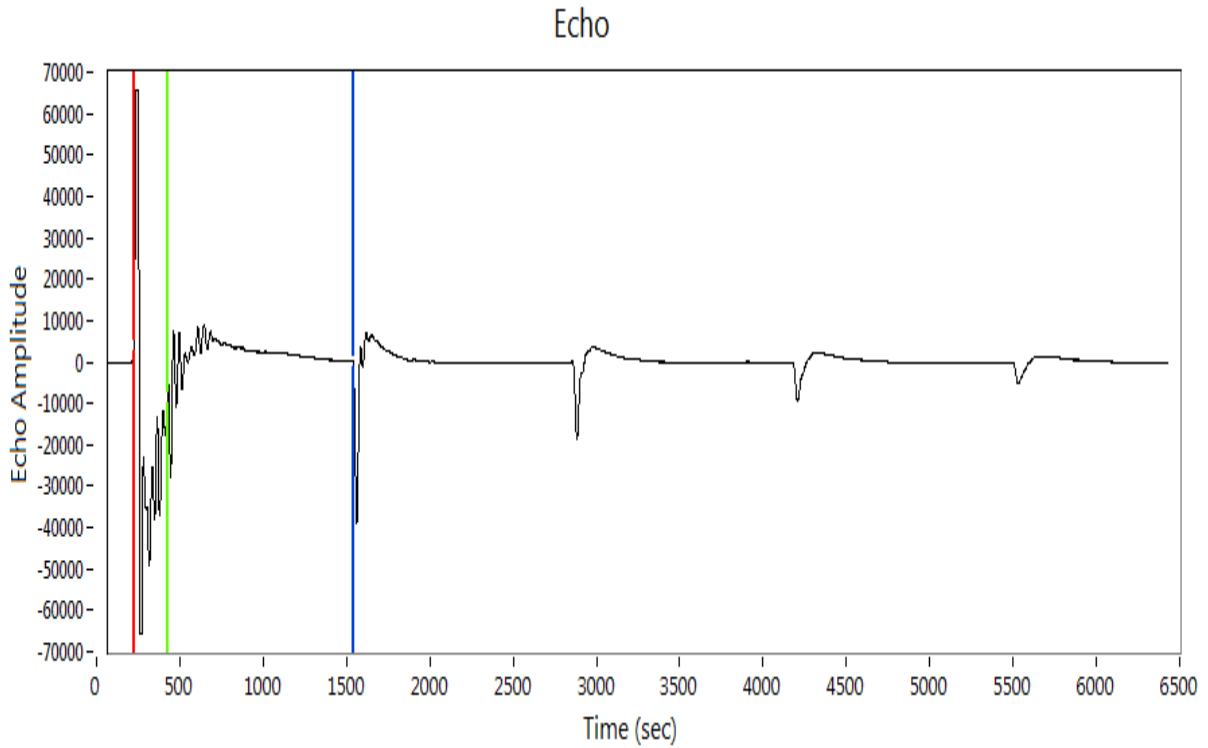
Formation:  
Location:



Initial Time:	0 Minutes 0 Seconds	Initial Casing Pressure:	0 psia
Final Time:	0 Minutes 0 Seconds	Final Casing Pressure:	0 psia
Casing Size:	5.50 in	Fluid Level:	690.00 ft
Casing Weight:	17.00 lb/ft	Gas Rate:	30.33 mcf/day
Tubing Size:	2.37 in		
Perforation Temp:	124.00 Deg F		
SpG Gas:	0.80		

Well Name:  
Company:  
Test Date: 2016/01/19

Formation:  
Location:

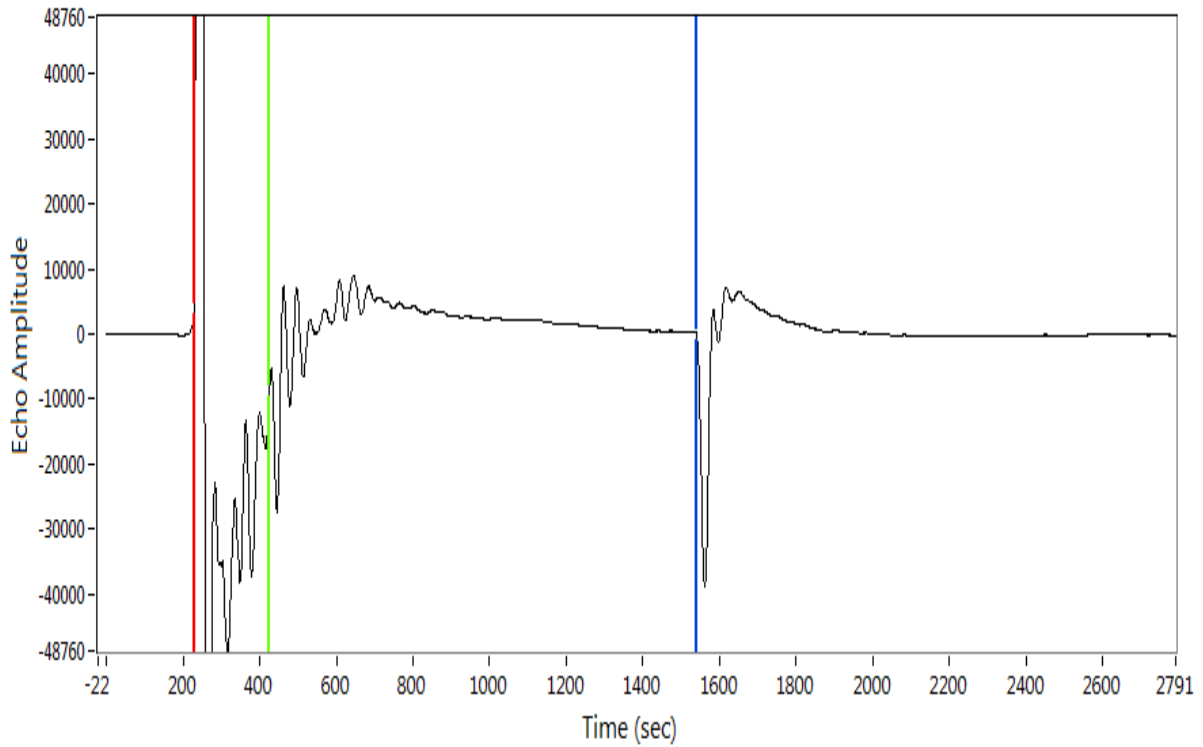


Depth: 690.00 ft  
Return Time: 1.31 sec  
Acoustic Velocity: 1051.03 ft/s  
Average Joint Length: 30.00 ft  
Number of Joints: 23.00

Well Name:  
Company:  
Test Date: 2016/01/19

Formation:  
Location:

Zoomed Echo

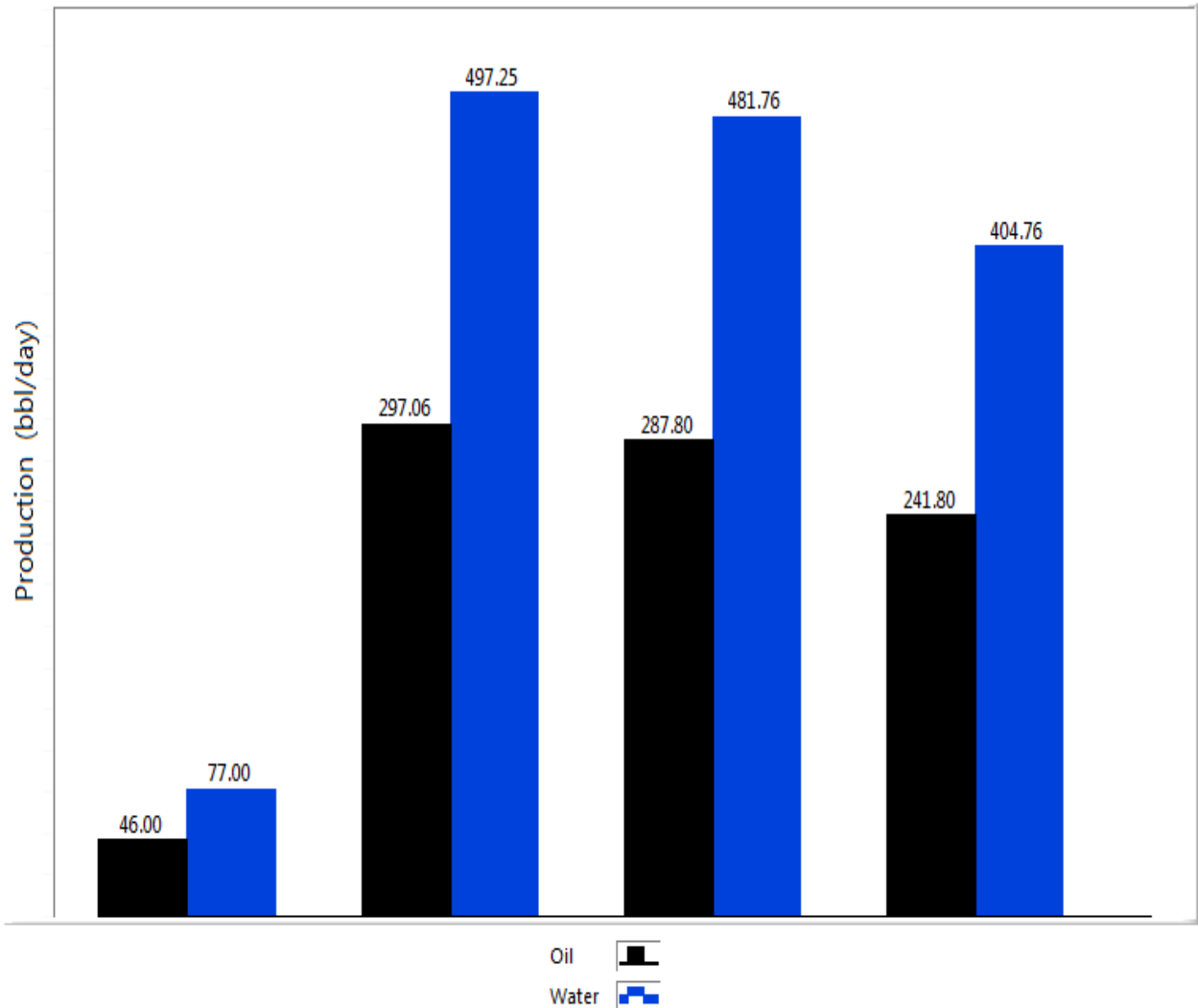


Depth: 690.00 ft  
Return Time: 1.31 sec  
Acoustic Velocity: 1051.03 ft/s  
Average Joint Length: 30.00 ft  
Number of Joints: 23.00

Well Name:  
Company:  
Test Date: 2016/01/19

Formation:  
Location:

Production Potential



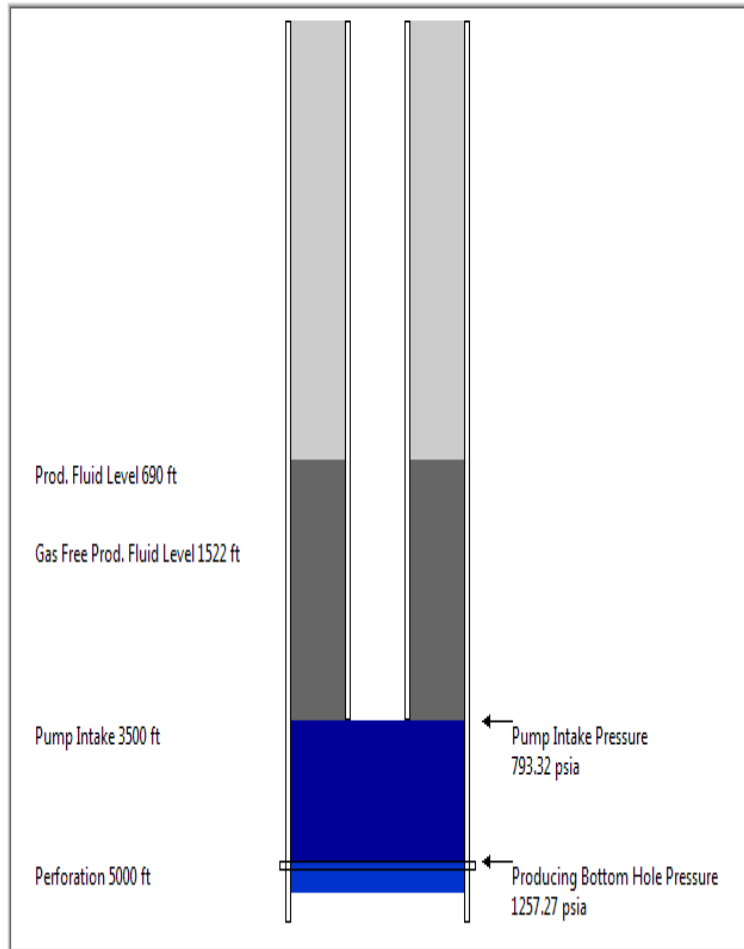
	Current	Maximum	Potential @ 150 psig	Increase
Oil	46.00 (bbl/day)	297.06 (bbl/day)	287.80 (bbl/day)	241.80 (bbl/day)
Water	77.00 (bbl/day)	497.25 (bbl/day)	481.76 (bbl/day)	404.76 (bbl/day)
Gas	30.33 (mcf/day)	195.87 (mcf/day)	189.76 (mcf/day)	159.43 (mcf/day)

Well Name:  
Company:  
Test Date: 2016/01/19

Formation:  
Location:

**Well Detailed Overview**

API of Oil:	36.00	Gas Production:	30.33 mcf/day
SpG of Water:	1.05	Oil Production:	46.00 bbl/day
SpG to Air of Gas:	0.80	Water Production:	77.00 bbl/day
		Casing Pressure:	55.00 psia



- = Gas 100%
- = Oil & Gas
- = Oil 100%
- = Oil & Water
- = Water 100%

OCSG = Outer Casing Diameter  
OTBG = Outer Tubing Diameter  
CWT = Casing Weight  
OPD = Oil Production Per Day  
WPD = Water Production Per Day  
LPD = Total Liquid Production Per Day

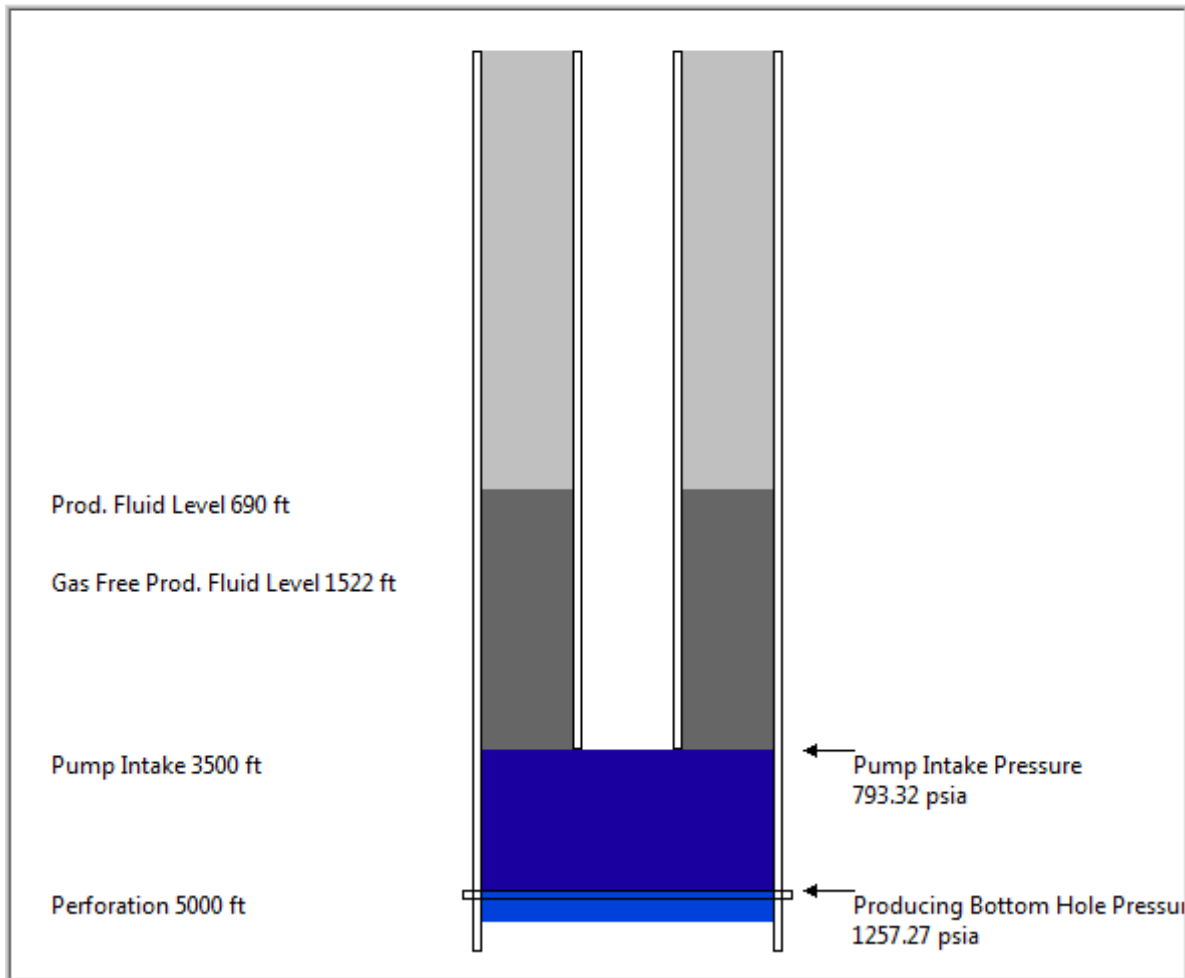
Entered Values				Calculated Results		
API of Oil	Pump Intake Depth	OPD	OCSG	Fluid Level	Max OPD	OPD
36.00	3500.00 (ft)	46.00 (bbl/day)	5.500 (in)	690.00 (ft)	297.06 (bbl/day) @ 0 psia	287.80 (bbl/day) @ 150 psia
SpG of Water	Perforation Depth	WPD	CWT	Gas Free Fluid Level	Max WPD	WPD
1.05	5000.00 (ft)	77.00 (bbl/day)	17.00 (lb/ft)	1522.25 (ft)	497.25 (bbl/day) @ 0 psia	481.76 (bbl/day) @ 150 psia
SpG to Air of Gas	Perforation Temp	Calculation Pressure	OTBG	Bottomhole Pressure	Max LPD	LPD
0.80	124.00 (Deg F)	150.00 (psia)	2.375 (in)	1257.27 (psia)	794.31 (bbl/day) @ 0 psia	769.56 (bbl/day) @ 150 psia
Surface Pressure (psig)	Reservoir Pressure	Gas Production (mcf/day)		Pump Intake Pressure	Max Gas Production	Gas Production
55.00	1381.00 (psia)	30.33		793.32 (psia)	195.87 (mcf/day) @ 0 psia	189.76 (mcf/day) @ 150 psia

Well Name:  
Company:  
Test Date: 2016/01/19

Formation:  
Location:

### Well Diagram

API of Oil:	36.00	Gas Production:	30.33 mcf/day
SpG of Water:	1.05	Oil Production:	46.00 bbl/day
SpG to Air of Gas:	0.80	Water Production:	77.00 bbl/day
		Casing Pressure:	55.00 psia





Well Name:  
Company:  
Test Date: 2016/01/19

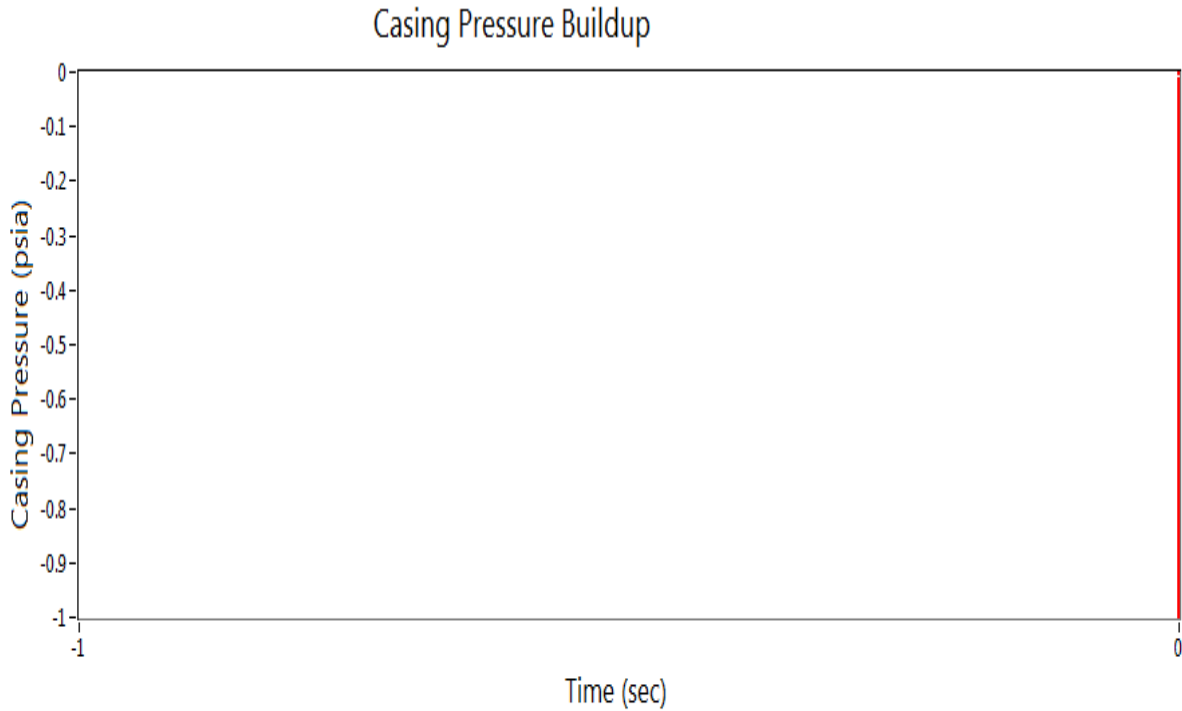
Formation:  
Location:

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2016/01/19

Well Name:  
Company:  
Test Date: 2016/01/19

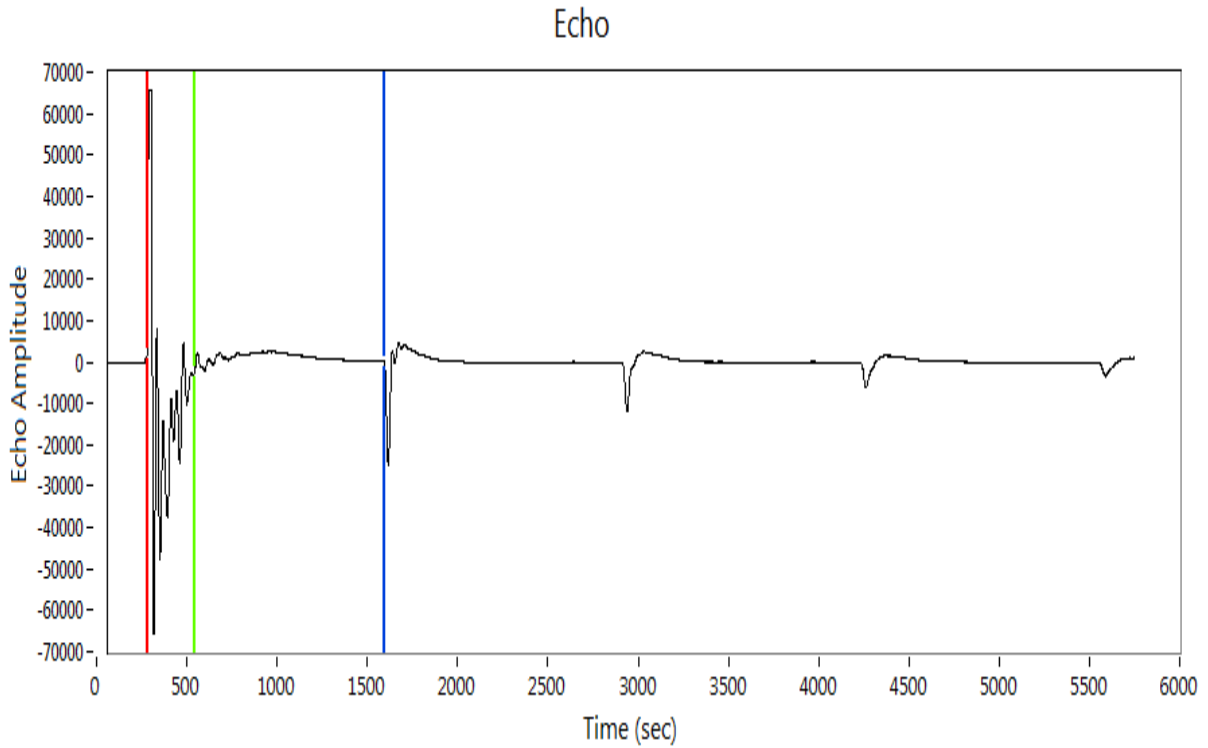
Formation:  
Location:



Initial Time:	0 Minutes 0 Seconds	Initial Casing Pressure:	0 psia
Final Time:	0 Minutes 0 Seconds	Final Casing Pressure:	0 psia
Casing Size:	5.50 in	Fluid Level:	600.00 ft
Casing Weight:	17.00 lb/ft	Gas Rate:	30.33 mcf/day
Tubing Size:	2.37 in		
Perforation Temp:	124.00 Deg F		
SpG Gas:	0.80		

Well Name:  
Company:  
Test Date: 2016/01/19

Formation:  
Location:

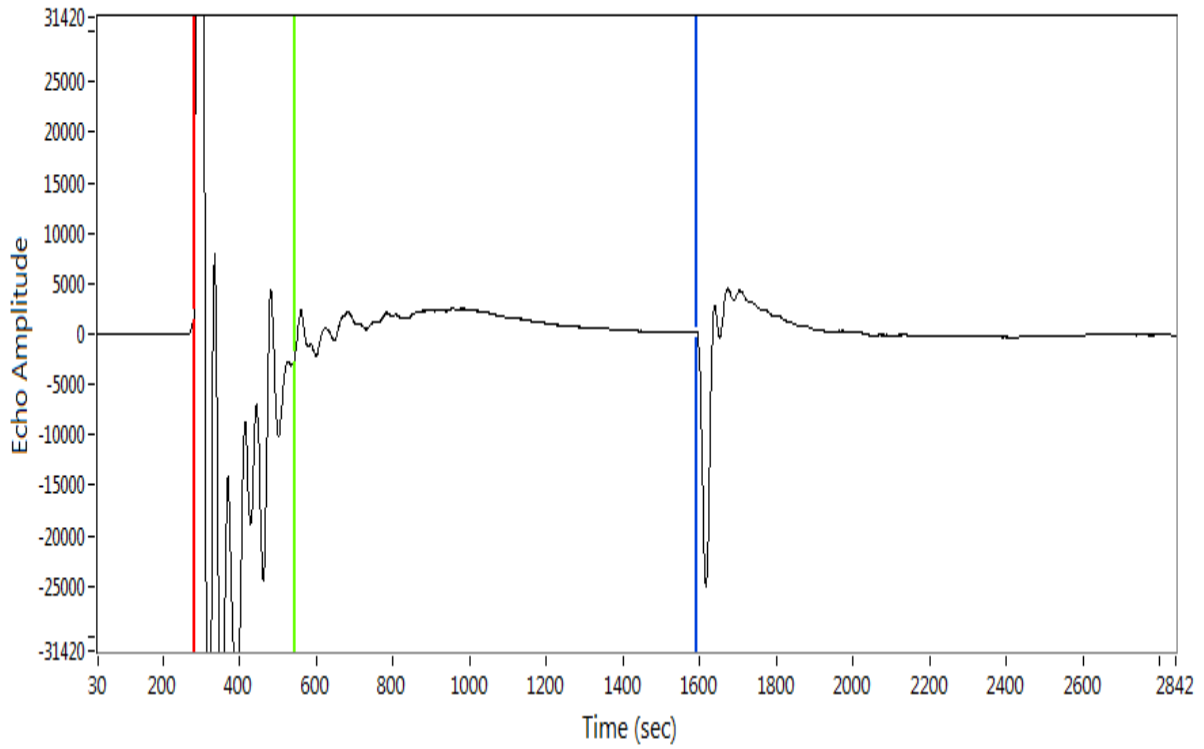


Depth: 600.00 ft  
Return Time: 1.31 sec  
Acoustic Velocity: 914.63 ft/s  
Average Joint Length: 30.00 ft  
Number of Joints: 20.00

Well Name:  
Company:  
Test Date: 2016/01/19

Formation:  
Location:

Zoomed Echo

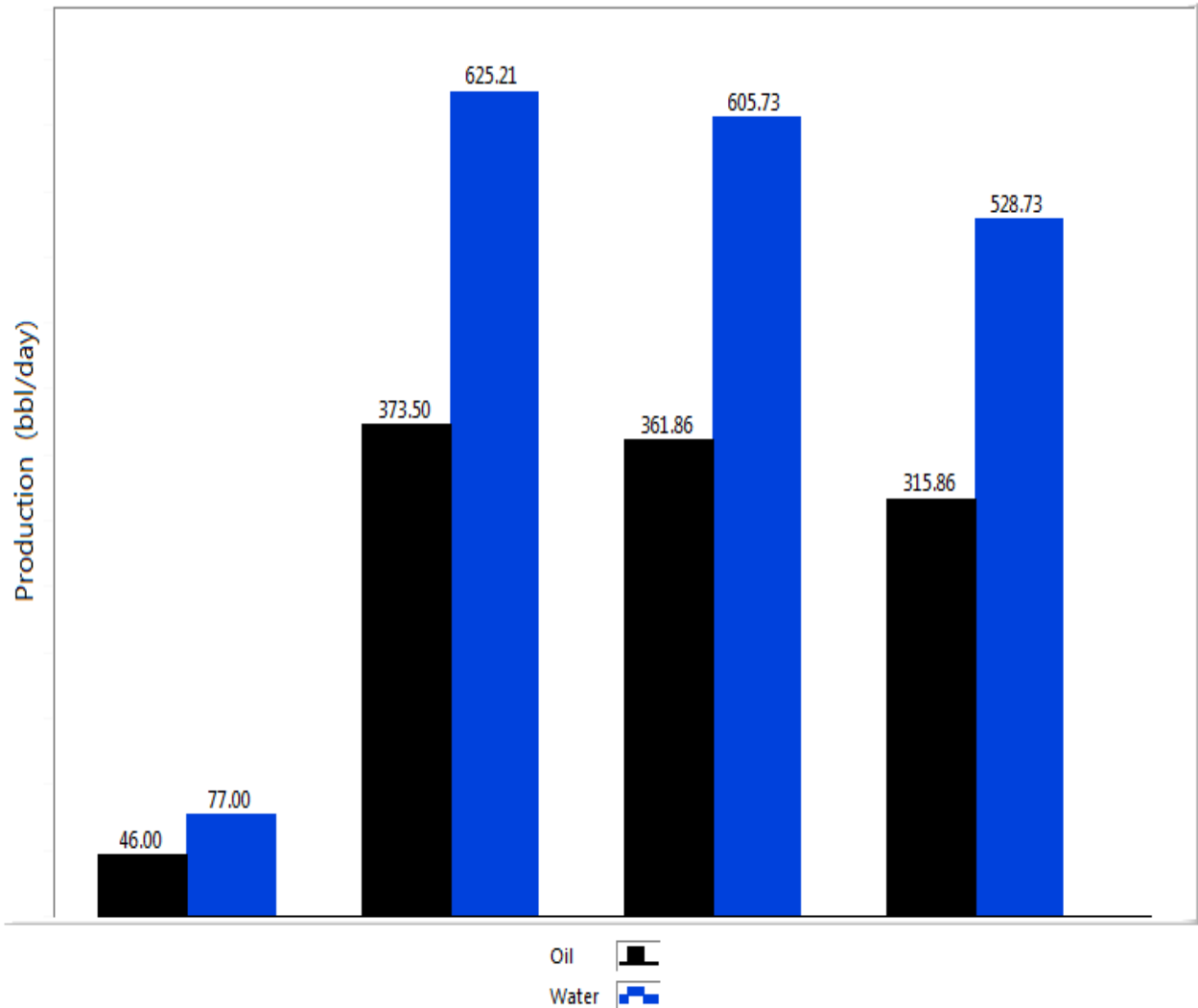


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Number of Joints: 20.00

Well Name:  
Company:  
Test Date: 2016/01/19

Formation:  
Location:

Production Potential



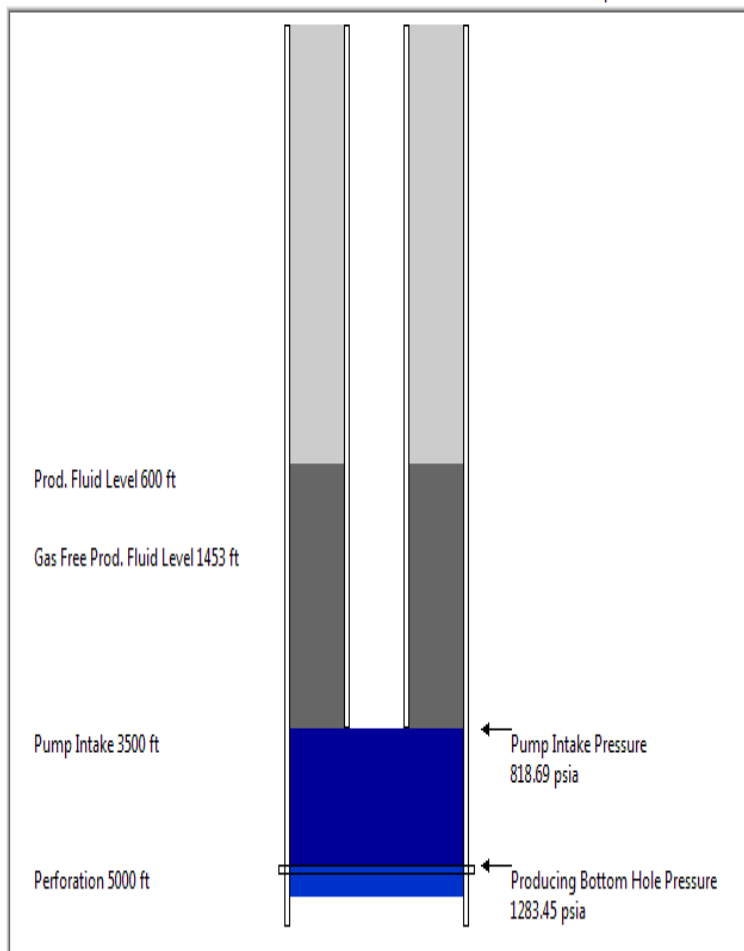
	Current	Maximum	Potential @ 150 psig	Increase
Oil	46.00 (bbl/day)	373.50 (bbl/day)	361.86 (bbl/day)	315.86 (bbl/day)
Water	77.00 (bbl/day)	625.21 (bbl/day)	605.73 (bbl/day)	528.73 (bbl/day)
Gas	30.33 (mcf/day)	246.27 (mcf/day)	238.59 (mcf/day)	208.26 (mcf/day)

Well Name:  
Company:  
Test Date: 2016/01/19

Formation:  
Location:

**Well Detailed Overview**

API of Oil:	36.00	Gas Production:	30.33 mcf/day
SpG of Water:	1.05	Oil Production:	46.00 bbl/day
SpG to Air of Gas:	0.80	Water Production:	77.00 bbl/day
		Casing Pressure:	55.00 psia



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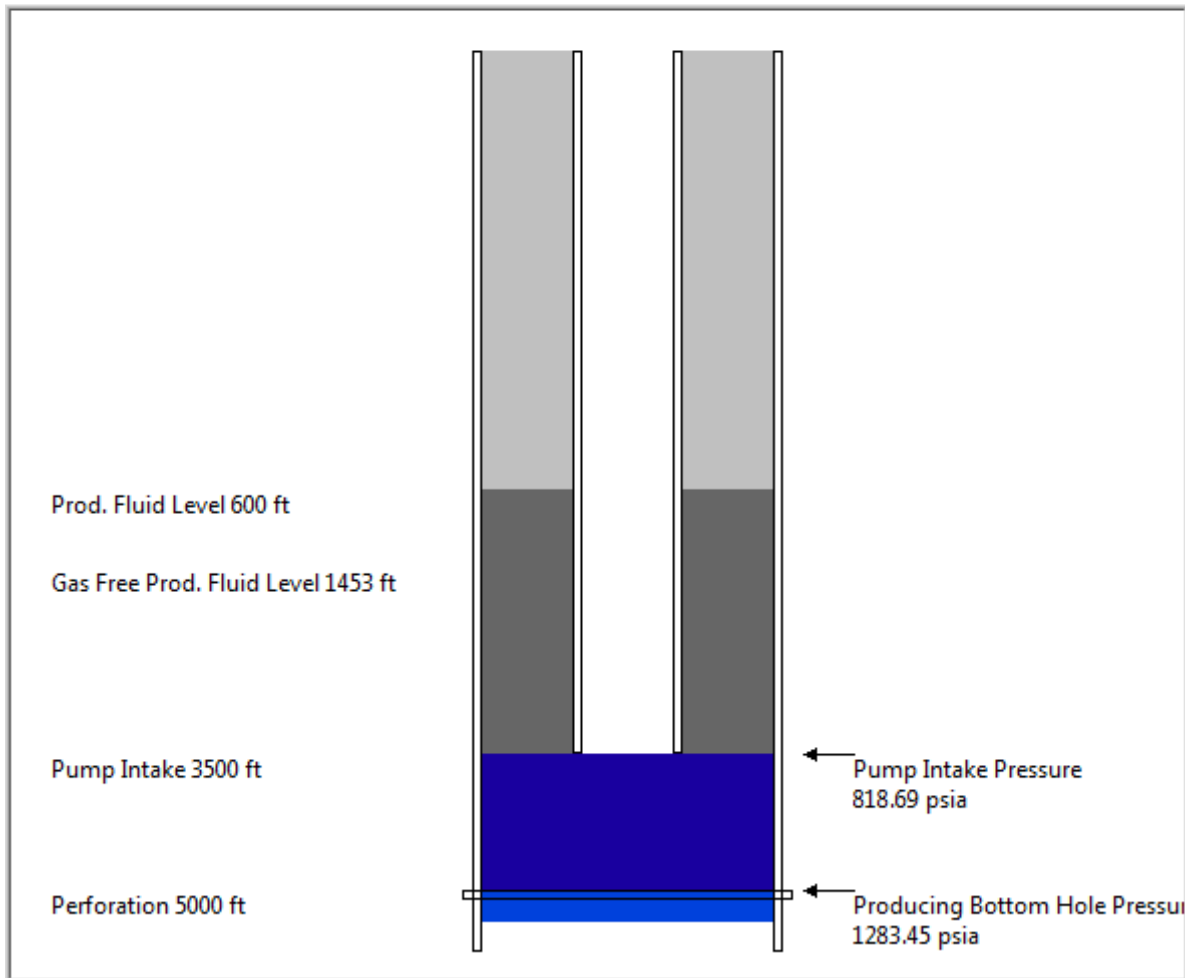
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API of Oil	Pump Intake Depth	OPD	OCSG	Fluid Level	Max OPD	OPD
36.00	3500.00 (ft)	46.00 (bbl/day)	5.500 (in)	600.00 (ft)	373.50 (bbl/day) @ 0 psia	361.86 (bbl/day) @ 150 psia
SpG of Water	Perforation Depth	WPD	CWT	Gas Free Fluid Level	Max WPD	WPD
1.05	5000.00 (ft)	77.00 (bbl/day)	17.00 (lb/ft)	1452.76 (ft)	625.21 (bbl/day) @ 0 psia	605.73 (bbl/day) @ 150 psia
SpG to Air of Gas	Perforation Temp	Calculation Pressure	OTBG	Bottomhole Pressure	Max LPD	LPD
0.80	124.00 (Deg F)	150.00 (psia)	2.375 (in)	1283.45 (psia)	998.72 (bbl/day) @ 0 psia	967.60 (bbl/day) @ 150 psia
Surface Pressure (psig)	Reservoir Pressure	Gas Production (mcf/day)		Pump Intake Pressure	Max Gas Production	Gas Production
55.00	1381.00 (psia)	30.33		818.69 (psia)	246.27 (mcf/day) @ 0 psia	238.59 (mcf/day) @ 150 psia

Well Name:  
Company:  
Test Date: 2016/01/19

Formation:  
Location:

### Well Diagram

API of Oil:	36.00	Gas Production:	30.33 mcf/day
SpG of Water:	1.05	Oil Production:	46.00 bbl/day
SpG to Air of Gas:	0.80	Water Production:	77.00 bbl/day
		Casing Pressure:	55.00 psia



Conservation Division  
District Office No. 4  
2301 E. 13th Street  
Hays, KS 67601-2651



Phone: 785-625-0550  
Fax: 785-625-0564  
<http://kcc.ks.gov/>

Jay Scott Emler, Chairman  
Shari Feist Albrecht, Commissioner  
Pat Apple, Commissioner

Sam Brownback, Governor

January 25, 2016

Bryan Hess  
Hess Oil Company  
PO BOX 1009  
MCPHERSON, KS 67460-1009

Re: Temporary Abandonment  
API 15-163-21426-00-00  
KRILEY A 2  
NW/4 Sec.29-07S-17W  
Rooks County, Kansas

Dear Bryan Hess:

Your application for Temporary Abandonment (TA) of the above-listed well is denied for the following reasons(s):

**High Fluid Level**

In accordance with K.A.R. 82-3-111, this well must be plugged or returned to service by February 24, 2016.

Sincerely,

RICHARD WILLIAMS