



TEMPORARY ABANDONMENT WELL APPLICATION

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

Do NOT Write in This Space - KCC USE ONLY	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

General

Well ID Britt 1-20 FL 1
 Well Britt 1-20 FL 1
 Company Sandridge
 Operator TJ Matzke
 Lease Name Britt 1-20 FL 1
 Elevation 0.00 ft
 Production Method Electrical Submersible Pump

Comment

Tubulars

Tubing OD 2.875 in
 Average Joint Length 32.000 ft
 Sliding Sleeve - * - ft
 Casing OD 7.000 in
 Liner OD - * - in
 Top of Liner - * - ft
 PBTD - * - ft
 Kelly Bushing 0.00 ft

Pump Assembly

Installation Date - * -
 Pump Intake Depth 4644.39 ft
 PIP Gage - * - ft

Gas Separator

Gas Separator Not Used
 Tubing Discharge Temp - * - deg F

Pump Configuration

	Top Pump	Pump 2	Pump 3	Pump 4	Pump 5
Pump Manufacturer	- * -	- * -	- * -	- * -	- * -
Pump Description/Series	- * -	- * -	- * -	- * -	- * -
Serial Number	- * -	- * -	- * -	- * -	- * -
Stage Count	0	0	0	0	0
Pump Housing	- * -	- * -	- * -	- * -	- * -

Total Length of Pump Assembly - * - ft
 Shroud is Not Used

Electric Equipment

Control Panel - * -
 Variable Frequency is Not Used
 Overload Set Point - * -
 Underload Set Point - * -
 Overvoltage Set Point - * -
 Undervoltage Set Point - * -
 Frequency - * -
 Pump Up Time - * -

Cable Data

Round Cable Type - * -
 Round Cable Length - * - ft
 Flat Cable Type - * -
 Flat Cable Length - * - ft

Electrical Cost

Cost Per kW-Hour - * -
 Cost Per kW - * -

Motor Assembly Description

	Top Motor	Motor 2	Motor 3	Motor 4
Manufacturer	- * -	- * -	- * -	- * -
Series	- * -	- * -	- * -	- * -
Type	- * -	- * -	- * -	- * -
HP	- * -	- * -	- * -	- * -
Volts/Amps	- * -	- * -	- * -	- * -
Total Length of Motor Assembly	- * - ft		Installation Date	- * -

Electrical Parameters

AMPS		VOLTS	
A Input	- * -	BA Input	- * -
B Input	- * -	CB Input	- * -
C Input	- * -	AC Input	- * -
		A-gnd	- * -
		B-gnd	- * -
		C-gnd	- * -
Kilowatt	- * -	Power Factor	- * -
		Date and Time of Measurement	- * -

Conditions

Pressure

Static BHP - * - psi (g)
 Static BHP Method - * -
 Static BHP Date - * -
 Producing BHP 1296.9 psi (g)
 Producing BHP Method Acoustic
 Producing BHP Date 10/10/2014
 Formation Depth 4644.39 ft

Production

Oil Production - * - BBL/D
 Water Production - * - BBL/D
 Gas Production - * - Mscf/D
 Production Date - * -

Temperatures

Surface Temperature 70 deg F
 Bottomhole Temperature 150 deg F

Surface Producing Pressures

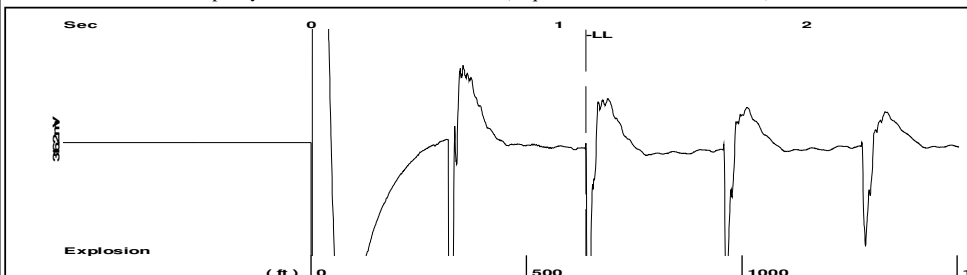
Tubing Pressure - * - psi (g)
 Casing Pressure 0.6 psi (g)

Fluid Properties

Oil API 40 deg API
 Water Specific Gravity 1.05 Sp.Gr.H2O

Casing Pressure Buildup

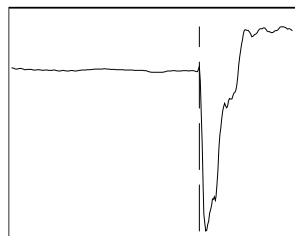
Change in Pressure 0.049 psi
 Over Change in Time 1.00 min



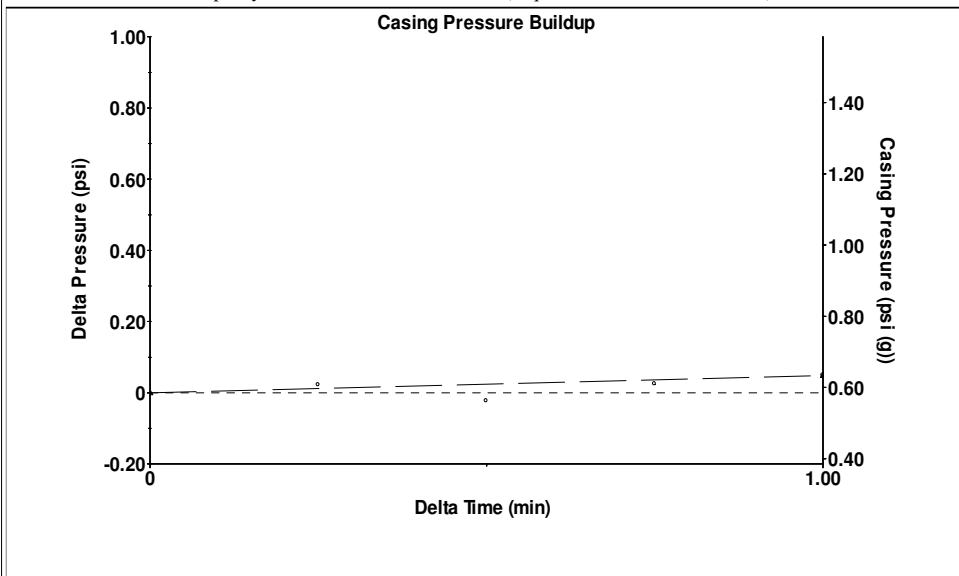
Time 1.109 sec
 Joints 19.9273 Jts
 Depth 637.67 ft

Liquid level calculated with user supplied Acoustic Velocity

Acoustic Velocity 1150 ft/s



Analysis Method: Acoustic Velocity



Change in Pressure 0.05 psi PT15216
 Change in Time 1.00 min Range 0 - ? psi

<p>Production Current</p> <p>Oil - * -</p> <p>Water - * -</p> <p>Gas - * -</p> <p>IPR Method</p> <p>PBHP/SBHP</p> <p>Production Efficiency</p> <p>Oil 40 deg.API</p> <p>Water 1.05 Sp.Gr.H2O</p> <p>Gas 0.85 Sp.Gr.AIR</p> <p>Acoustic Velocity 1150 ft/s</p> <p>Formation Submergence</p> <p>Total Gaseous Liquid Column HT (TVD) 4007 ft</p> <p>Equivalent Gas Free Liquid HT (TVD) 4007 ft</p> <p>Acoustic Test</p>	<p>Potential</p> <p>- * - BBL/D</p> <p>- * - BBL/D</p> <p>- * - Mscf/D</p> <p>Vogel</p> <p>- * -</p> <p>0.0</p> <p>1150 ft/s</p> <p>4007 ft</p> <p>4007 ft</p>	<p>Casing Pressure 0.6 psi (g)</p> <p>Casing Pressure Buildup 0.049 psi</p> <p>1.00 min</p> <p>Gas/Liquid Interface Pressure 0.9 psi (g)</p> <p>Liquid Level Depth 637.67 ft</p> <p>Pump Intake Depth 4644.39 ft</p> <p>Formation Depth 4644.39 ft</p>	<p>The diagram shows a vertical wellbore with casing. The annulus is shaded grey. The production zone is at the bottom, indicated by a blue area. There are several small circles representing joints or sensors along the casing.</p>	<p>Producing</p> <p>Annular Gas Flow 1 Mscf/D</p> <p>% Liquid 100 %</p> <p>Pump Intake 1296.9 psi (g)</p> <p>Producing BHP 1296.9 psi (g)</p> <p>Static BHP - * - psi (g)</p>
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General

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 Company Sandridge
 Operator TJ Matzke
 Lease Name Britt 1-20 FL 1
 Elevation 0.00 ft
 Production Method Electrical Submersible Pump

Comment

Tubulars

Tubing OD 2.875 in
 Average Joint Length 32.000 ft
 Sliding Sleeve - * - ft
 Casing OD 7.000 in
 Liner OD - * - in
 Top of Liner - * - ft
 PBTD - * - ft
 Kelly Bushing 0.00 ft

Pump Assembly

Installation Date - * -
 Pump Intake Depth 4644.39 ft
 PIP Gage - * - ft

Gas Separator

Gas Separator Not Used
 Tubing Discharge Temp - * - deg F

Pump Configuration

	Top Pump	Pump 2	Pump 3	Pump 4	Pump 5
Pump Manufacturer	- * -	- * -	- * -	- * -	- * -
Pump Description/Series	- * -	- * -	- * -	- * -	- * -
Serial Number	- * -	- * -	- * -	- * -	- * -
Stage Count	0	0	0	0	0
Pump Housing	- * -	- * -	- * -	- * -	- * -

Total Length of Pump Assembly - * - ft
 Shroud is Not Used

Electric Equipment

Control Panel - * -
 Variable Frequency is Not Used
 Overload Set Point - * -
 Underload Set Point - * -
 Overvoltage Set Point - * -
 Undervoltage Set Point - * -
 Frequency - * -
 Pump Up Time - * -

Cable Data

Round Cable Type - * -
 Round Cable Length - * - ft
 Flat Cable Type - * -
 Flat Cable Length - * - ft

Electrical Cost

Cost Per kW-Hour - * -
 Cost Per kW - * -

Motor Assembly Description

	Top Motor	Motor 2	Motor 3	Motor 4
Manufacturer	- * -	- * -	- * -	- * -
Series	- * -	- * -	- * -	- * -
Type	- * -	- * -	- * -	- * -
HP	- * -	- * -	- * -	- * -
Volts/Amps	- * -	- * -	- * -	- * -
Total Length of Motor Assembly	- * - ft		Installation Date	- * -

Electrical Parameters

AMPS		VOLTS	
A Input	- * -	BA Input	- * -
B Input	- * -	CB Input	- * -
C Input	- * -	AC Input	- * -
		A-gnd	- * -
		B-gnd	- * -
		C-gnd	- * -
Kilowatt	- * -	Power Factor	- * -
		Date and Time of Measurement	- * -

Conditions

Pressure

Static BHP - * - psi (g)
 Static BHP Method - * -
 Static BHP Date - * -
 Producing BHP 1297.2 psi (g)
 Producing BHP Method Acoustic
 Producing BHP Date 10/10/2014
 Formation Depth 4644.39 ft

Production

Oil Production - * - BBL/D
 Water Production - * - BBL/D
 Gas Production - * - Mscf/D
 Production Date - * -

Temperatures

Surface Temperature 70 deg F
 Bottomhole Temperature 150 deg F

Surface Producing Pressures

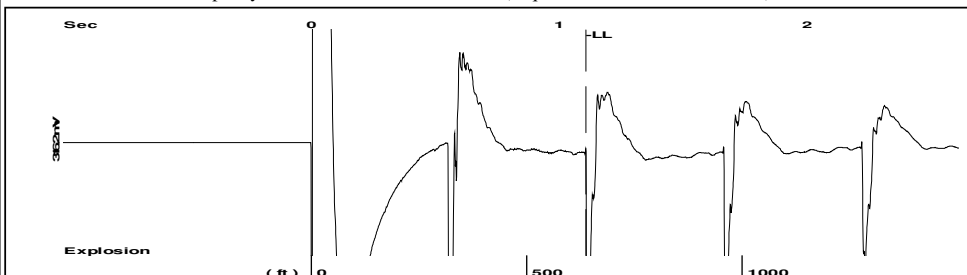
Tubing Pressure - * - psi (g)
 Casing Pressure 0.7 psi (g)

Fluid Properties

Oil API 40 deg API
 Water Specific Gravity 1.05 Sp.Gr.H2O

Casing Pressure Buildup

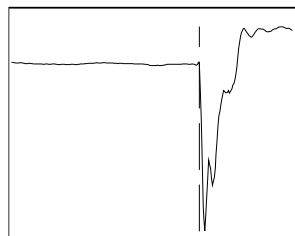
Change in Pressure 0.011 psi
 Over Change in Time 0.75 min



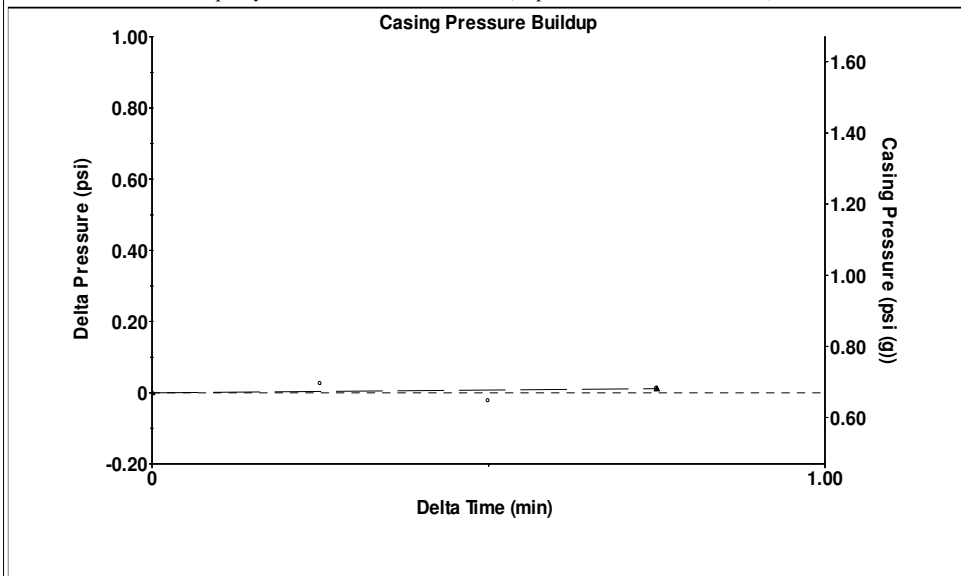
Time 1.108 sec
 Joints 19.9094 Jts
 Depth 637.10 ft

Liquid level calculated with user supplied Acoustic Velocity

Acoustic Velocity 1150 ft/s



Analysis Method: Acoustic Velocity



Change in Pressure 0.01 psi PT15216
 Change in Time 0.75 min Range 0 - ? psi

<p>Production Current</p> <p>Oil - * -</p> <p>Water - * -</p> <p>Gas - * -</p> <p>IPR Method</p> <p>PBHP/SBHP</p> <p>Production Efficiency</p> <p>Oil 40 deg.API</p> <p>Water 1.05 Sp.Gr.H2O</p> <p>Gas 0.85 Sp.Gr.AIR</p> <p>Acoustic Velocity 1150 ft/s</p> <p>Formation Submergence</p> <p>Total Gaseous Liquid Column HT (TVD) 4007 ft</p> <p>Equivalent Gas Free Liquid HT (TVD) 4007 ft</p> <p>Acoustic Test</p>	<p>Potential</p> <p>- * - BBL/D</p> <p>- * - BBL/D</p> <p>- * - Mscf/D</p> <p>Vogel</p> <p>- * -</p> <p>0.0</p> <p>1150 ft/s</p> <p>4007 ft</p> <p>4007 ft</p>	<p>Casing Pressure 0.7 psi (g)</p> <p>Casing Pressure Buildup 0.011 psi</p> <p>0.75 min</p> <p>Gas/Liquid Interface Pressure 1.0 psi (g)</p> <p>Liquid Level Depth 637.10 ft</p> <p>Pump Intake Depth 4644.39 ft</p> <p>Formation Depth 4644.39 ft</p>	<p>Producing</p> <p>Annular Gas Flow 0 Mscf/D</p> <p>% Liquid 100 %</p> <p>Pump Intake 1297.2 psi (g)</p> <p>Producing BHP 1297.2 psi (g)</p> <p>Static BHP - * - psi (g)</p>
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Conservation Division
District Office No. 2
3450 N. Rock Road
Building 600, Suite 601
Wichita, KS 67226



Phone: 316-630-4000
Fax: 316-630-4005
<http://kcc.ks.gov/>

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

Sam Brownback, Governor

October 21, 2014

Tiffany Golay
SandRidge Exploration and Production LLC
123 ROBERT S. KERR AVE
OKLAHOMA CITY, OK 73102-6406

Re: Temporary Abandonment
API 15-077-21746-01-00
Britt 1-20H
SW/4 Sec.20-34S-06W
Harper County, Kansas

Dear Tiffany Golay:

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 November 20, 2014.

Sincerely,

Steve VanGieson