



## 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

<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

### General

Well ID AK 1 FL 1  
 Well AK 1 FL 1  
 Company Sandridge  
 Operator TJ Matzke  
 Lease Name AK 1 FL 1  
 Elevation 0.00 ft  
 Production Method Rod Pump

Comment

### Surface Unit

Manufacturer - \* -  
 Unit Class Conventional  
 Unit API Number - \* -  
 Measured Stroke Length - \* - in  
 Rotation CW  
 Counter Balance Effect (Weights Level) - \* - Klb  
 Weight Of Counter Weights 2000 lb

### Prime Mover

Motor Type Electric  
 Rated HP - \* - HP  
 Run Time 24 hr/day  
 MFG/Comment - \* -

### Electric Motor Parameters

Rated Full Load AMPS - \* -  
 Rated Full Load RPM - \* -  
 Synchronous RPM 1200  
 Voltage - \* -  
 Hertz 60  
 Phase 3  
 Power Consumption 5  
 Power Demand 8 \$/KW

### Tubulars

Tubing OD 2.500 in  
 Casing OD 5.500 in  
 Average Joint Length 32.000 ft  
 Anchor Depth - \* - ft  
 Kelly Bushing 0.00 ft

### Pump

Plunger Diameter - \* - in  
 Pump Intake Depth - \* - ft  
 \*\*Total Rod Length > Pump Depth

### Polished Rod

Polished Rod Diameter - \* - in

### Rod String

	Top Taper	Taper 2	Taper 3	Taper 4	Taper 5	Taper 6
Rod Type	- * -	- * -	- * -	- * -	- * -	- * -
Rod Length	- * -	- * -	- * -	- * -	- * -	- * - ft
Rod Diameter	- * -	- * -	- * -	- * -	- * -	- * - in
Rod Weight	0.0	0.0	0.0	0.0	0.0	0.0 lb

Total Rod Length 0  
 Total Rod Weight 0.00

Damp Up 0.05  
 Damp Down 0.05

### Conditions

#### Pressure

Static BHP - \* - psi (g)  
 Static BHP Method - \* -  
 Static BHP Date - \* -

Producing BHP 1287.7 psi (g)  
 Producing BHP Method Acoustic  
 Producing BHP Date 12/17/2014  
 Formation Depth 4910.00 ft

#### Surface Producing Pressures

Tubing Pressure - \* - psi (g)  
 Casing Pressure 6.0 psi (g)

#### Casing Pressure Buildup

Change in Pressure 0.074 psi  
 Over Change in Time 0.75 min

#### Production

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

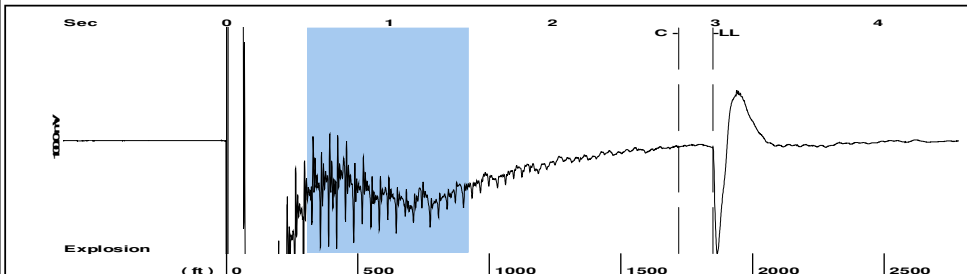
#### Temperatures

Surface Temperature 70 deg F  
 Bottomhole Temperature 150 deg F

#### Fluid Properties

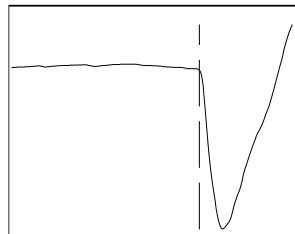
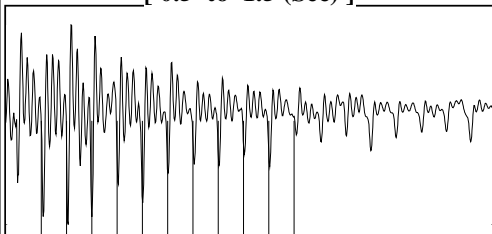
Oil API 40 deg.API  
 Water Specific Gravity 1.05 Sp.Gr.H2O

Group: MyWells Well: AK 1 FL 1 (acquired on: 12/17/14 13:30:08 )



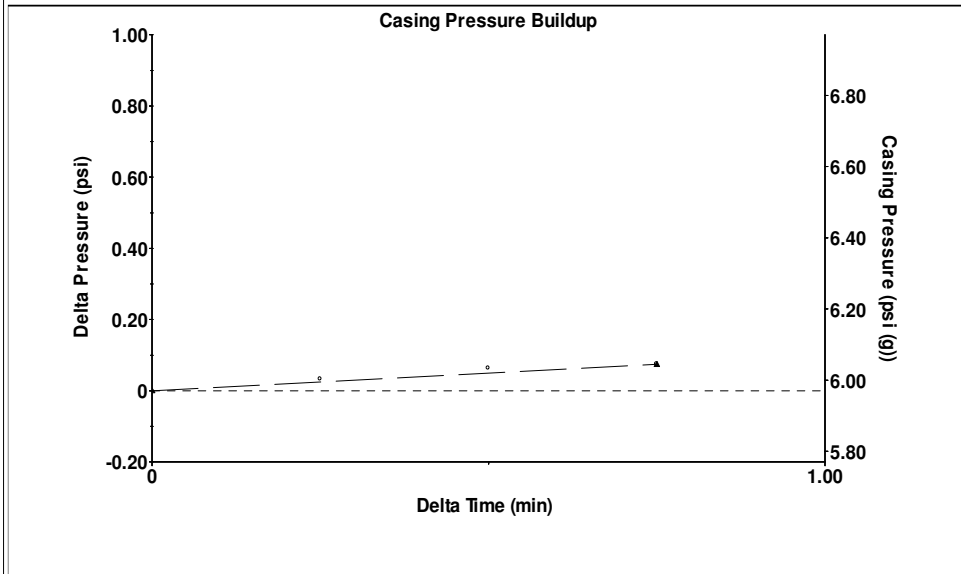
Filter Type High Pass Automatic Collar Count Yes Time 2.987 sec  
 Manual Acoustic Veloc 1233.14 ft/s Manual JTS/sec 19.2678 Joints 57.8129 Jts  
 Depth 1850.01 ft

[ 0.5 to 1.5 (Sec) ]



**Analysis Method: Automatic**

Group: MyWells Well: AK 1 FL 1 (acquired on: 12/17/14 13:30:08 )

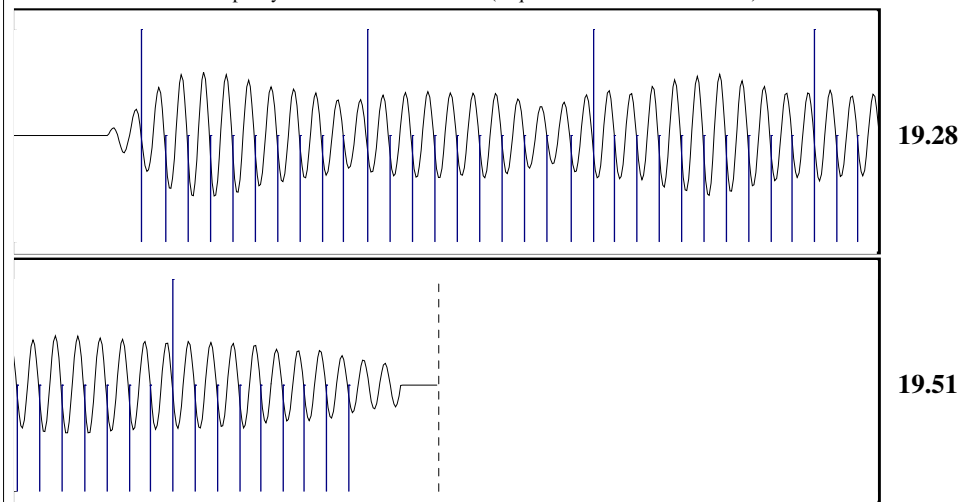


Change in Pressure 0.07 psi PT15216  
 Change in Time 0.75 min Range 0 - ? psi

Group: MyWells Well: AK 1 FL 1 (acquired on: 12/17/14 13:30:08 )

Production Current	Potential	Casing Pressure		Producing	
Oil - *-	- *- BBL/D	6.0 psi (g)		Annular Gas Flow	3 Mscf/D
Water - *-	- *- BBL/D	Casing Pressure Buildup		% Liquid	92 %
Gas - *-	- *- Mscf/D	0.074 psi			
IPR Method	Vogel	0.75 min			
PBHP/SBHP	- *-	Gas/Liquid Interface Pressure			
Production Efficiency	0.0	7.0 psi (g)			
Oil 40 deg.API		Liquid Level Depth			
Water 1.05 Sp.Gr.H2O		1850.01 ft			
Gas 0.74 Sp.Gr.AIR		Pump Intake Depth			
Acoustic Velocity	1238.71 ft/s	- *- ft			
		Formation Depth			
		4910.00 ft			
Formation Submergence			Pump Intake	- *- psi (g)	
Total Gaseous Liquid Column HT (TVD)		3060 ft	Producing BHP	1287.7 psi (g)	
Equivalent Gas Free Liquid HT (TVD)		2807 ft	Static BHP	- *- psi (g)	
Acoustic Test					

Group: MyWells Well: AK 1 FL 1 (acquired on: 12/17/14 13:30:08 )



Acoustic Velocity	1238.71 ft/s	Joints counted	48
Joints Per Second	19.3548 jts/sec	Joints to liquid level	57.8129
Depth to liquid level	1850.01 ft	Filter Width	17.2678 21.2678
Automatic Collar Count	Yes	Time to 1st Collar	0.296 2.776

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

December 30, 2014

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

Re: Temporary Abandonment  
API 15-191-22271-00-00  
A K 1  
NW/4 Sec.07-35S-03W  
Sumner 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 January 29, 2015.

Sincerely,

Steve VanGieson