

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

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 620.682.7933
	KCC District Office #2 - 3450 N. Rock Road, Building 600, Suite 601, Wichita, KS 67226	Phone 316.337.7400
	KCC District Office #3 - 137 E. 21st St., Chanute, KS 66720	Phone 620.902.6450
	KCC District Office #4 - 2301 E. 13th Street, Hays, KS 67601-2651	Phone 785.261.6250

**General**

Well ID 125966  
 Well Curt 1-4  
 Company Sandridge  
 Operator - \* -  
 Lease Name Curt 1-4  
 Elevation 1281.00 ft  
 Production Method Other  
 Dataset Description  
 Shot 1

Comment

**Surface Unit**

Manufacturer - \* -  
 Unit Class Conventional  
 Unit API Number - \* -  
 Measured Stroke Length 100.000 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 2.375 in  
 Casing OD 4.500 in  
 Average Joint Length 31.490 ft  
 Anchor Depth - \* - ft  
 Kelly Bushing 9.00 ft

**Pump**

Plunger Diameter - \* - in  
 Pump Intake Depth 4552.00 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 433.0 psi (g)  
 Static BHP Method Acoustic  
 Static BHP Date 03/20/2018  
 Producing BHP - \* - psi (g)  
 Producing BHP Method - \* -  
 Producing BHP Date - \* -  
 Formation Depth 4606.00 ft

**Production**

Oil Production 0 BBL/D  
 Water Production 1 BBL/D  
 Gas Production - \* - Mscf/D  
 Production Date 04/11/2017

**Temperatures**

Surface Temperature 70 deg F  
 Bottomhole Temperature 150 deg F

**Surface Producing Pressures**

Tubing Pressure 400.0 psi (g)  
 Casing Pressure 339.2 psi (g)

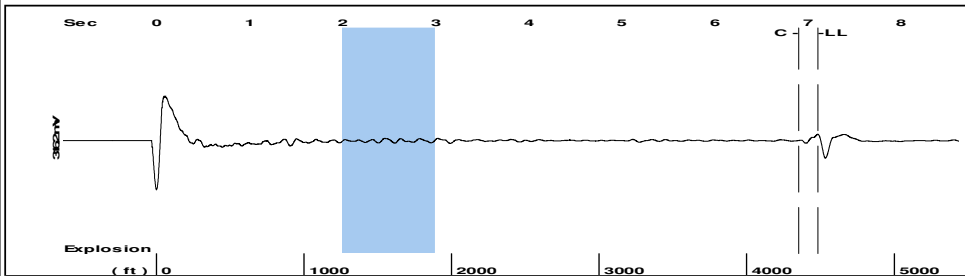
**Fluid Properties**

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

**Casing Pressure Buildup**

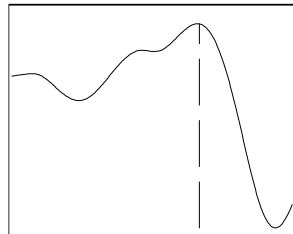
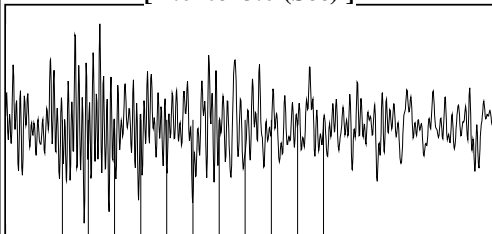
Change in Pressure 0.5 psi  
 Over Change in Time 0.75 min

Group: 2018 Sandridge Gp 3 Well: Curt 1-4 (acquired on: 03/20/18 13:32:34)



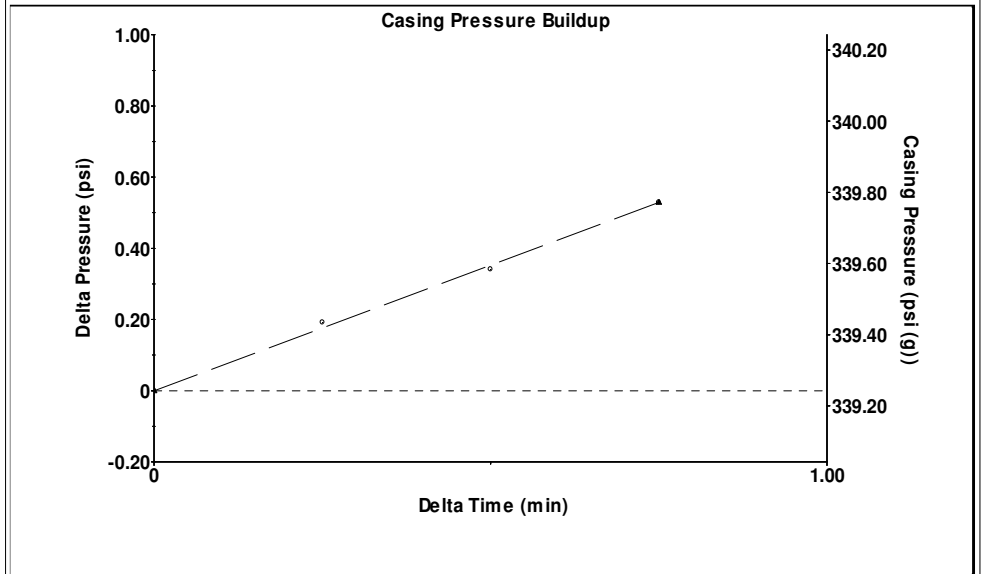
Filter Type High Pass Automatic Collar Count Yes Time 7.107 sec  
Manual Acoustic Veloc 1172.81 ft/s Manual JTS/sec 18.622 Joints 142.354 Jts  
Depth 4482.73 ft

[ 2.0 to 3.0 (Sec) ]



Analysis Method: Automatic

Group: 2018 Sandridge Gp 3 Well: Curt 1-4 (acquired on: 03/20/18 13:32:34)



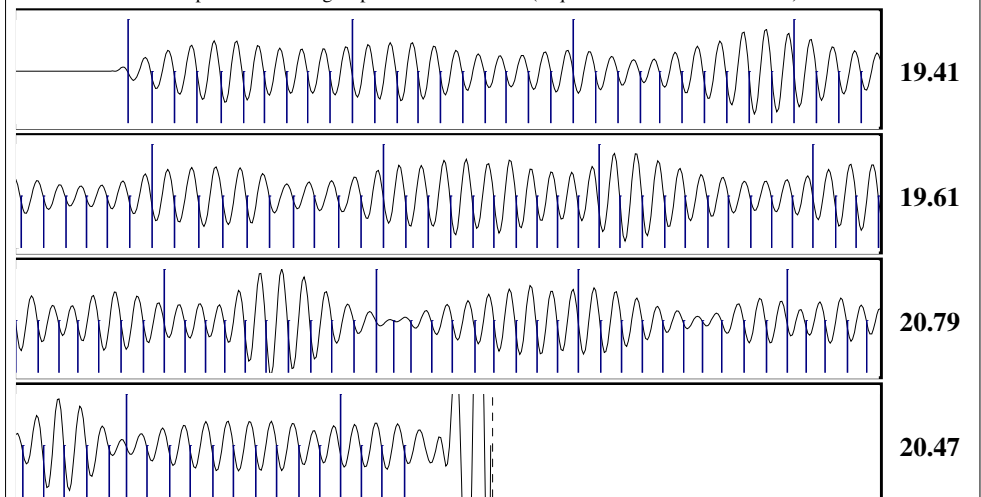
Change in Pressure 0.53 psi PT16722  
Change in Time 0.75 min Range 0 - ? psi

Group: 2018 Sandridge Gp 3 Well: Curt 1-4 (acquired on: 03/20/18 13:32:34)

Production Current	Potential	Casing Pressure	Static
Oil 0	- * - BBL/D	339.2 psi (g)	
Water 1	- * - BBL/D	Casing Pressure Buildup	Oil Column Height
Gas - * -	- * - Mscf/D	0.5 psi	MD 0 ft
		0.75 min	
IPR Method	Vogel	Gas/Liquid Interface Pressure	Water Column Height
PBHP/SBHP	- * -	381.0 psi (g)	MD 114 ft
Production Efficiency	0.0		
Oil 40 deg.API		Liquid Level Depth	
Water 1.05 Sp.Gr.H2O		4482.73 ft	
Gas 0.71 Sp.Gr.AIR		Tubing Intake Depth	
		4552.00 ft	
Acoustic Velocity	1261.5 ft/s	Formation Depth	
		4606.00 ft	
		Static BHP	
		433.0 psi (g)	

Curt 1-4

Group: 2018 Sandridge Gp 3 Well: Curt 1-4 (acquired on: 03/20/18 13:32:34)



Acoustic Velocity 1261.5 ft/s Joints counted 133  
Joints Per Second 20.0301 jts/sec Joints to liquid level 142.354  
Depth to liquid level 4482.73 ft Filter Width 16.622 20.622  
Automatic Collar Count Yes Time to 1st Collar 0.26 6.9

# STATE OF KANSAS

CORPORATION COMMISSION  
CONSERVATION DIVISION  
DISTRICT OFFICE No. 2  
3450 N. ROCK ROAD  
BUILDING 600, SUITE 601  
WICHITA, KS 67226



PHONE: 316-337-7400  
FAX: 316-630-4005  
<http://kcc.ks.gov/>

GOVERNOR JEFF COLYER, M.D.

SHARI FEIST ALBRECHT, CHAIR | JAY SCOTT EMLER, COMMISSIONER | DWIGHT D. KEEN, COMMISSIONER

April 12, 2018

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

Re: Temporary Abandonment  
API 15-077-21547-00-00  
CURT 1-4  
NE/4 Sec.04-34S-06W  
Harper County, Kansas

Dear Laci Bevans:

"Your temporary abandonment (TA) application for the well listed above has been approved. In accordance with K.A.R. 82-3-111 the TA status of this well will expire 04/12/2019.

- \* If you return this well to service or plug it, please notify the District Office.
- \* If you sell this well you are required to file a Transfer of Operator form, T-1.
- \* If the well will remain temporarily abandoned, you must submit a new TA application, CP-111, before 04/12/2019.

You may contact me at the number above if you have questions.

Very truly yours,

Steve Vangieson"