

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.
GPS Location: Lat: Long:
Datum: NAD27 NAD83 WGS84
County: Elevation:
Lease Name: Well #:
Well Type: Oil Gas OG WSW Other:
SWD Permit #: ENHR Permit #:
Gas Storage Permit #:
Spud Date: Date Shut-In:

Table with 7 columns: Conductor, Surface, Production, Intermediate, Liner, Tubing. Rows include 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:
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):
Type Completion: ALT. I ALT. II Depth of: DV Tool: w / sacks of cement Port Collar: w / sack of cement
Packer Type: Size: Inch Set at: Feet
Total Depth: Plug Back Depth: Plug Back Method:

Geological Data:

Table with 4 columns: Formation Name, Formation Top, Formation Base, Completion Information. Rows 1 and 2.

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: Yes Denied Date:

Mail to the Appropriate KCC Conservation Office:

Table with 2 columns: Office Address, Phone. Rows for District Office #1, #2, #3, #4.



General

Well ID 125956
 Well Steward 1-31
 Company Sandridge
 Operator - * -
 Lease Name Steward 1-31
 Elevation 1307.00 ft
 Production Method Rod Pump
 Dataset Description
 Shot 3

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 31.700 ft
 Anchor Depth - * - ft
 Kelly Bushing 8.00 ft

Pump

Plunger Diameter - * - in
 Pump Intake Depth 4462.00 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 1134.2 psi (g)
 Static BHP Method Acoustic
 Static BHP Date 01/02/2019

Producing BHP - * - psi (g)
 Producing BHP Method - * -
 Producing BHP Date - * -
 Formation Depth 4594.00 ft

Surface Producing Pressures

Tubing Pressure - * - psi (g)
 Casing Pressure 933.3 psi (g)

Casing Pressure Buildup

Change in Pressure 0.5 psi
 Over Change in Time 1.75 min

Production

Oil Production 0 BBL/D
 Water Production 1 BBL/D
 Gas Production - * - Mscf/D
 Production Date 10/31/2016

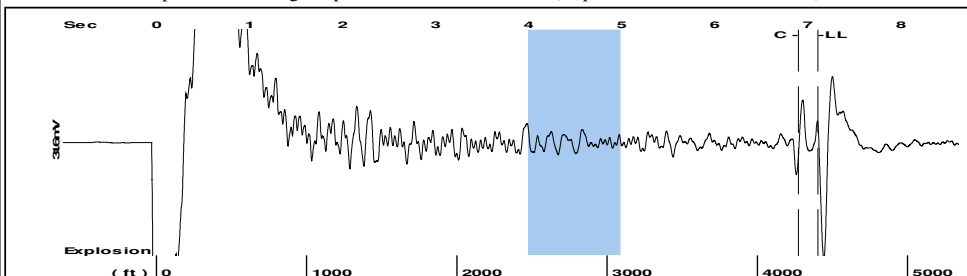
Temperatures

Surface Temperature 70 deg F
 Bottomhole Temperature 150 deg F

Fluid Properties

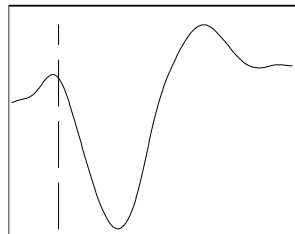
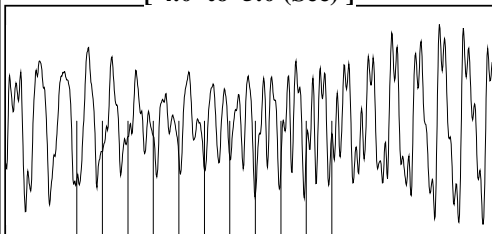
Oil API 40 deg.API
 Water Specific Gravity 1.05 Sp.Gr.H2O

Group: 2018 Sandridge Grp 13 Well: Steward 1-31 (acquired on: 01/02/19 11:57:14)



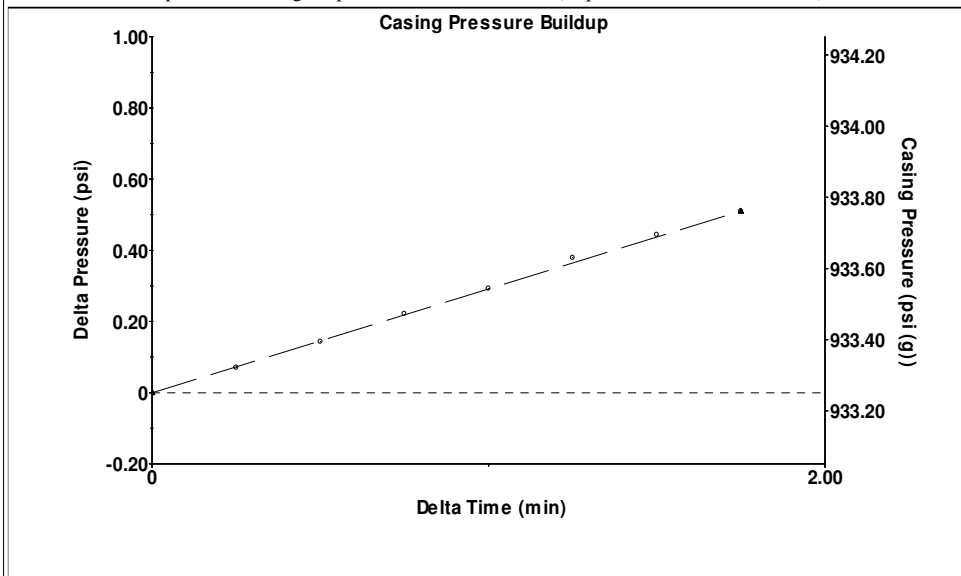
Filter Type High Pass Automatic Collar Count Yes Time 7.111 sec
Manual Acoustic Veloc 1209.92 ft/s Manual JTS/sec 19.084 Joints 138.904 Jts
Depth 4403.24 ft

[4.0 to 5.0 (Sec)]



Analysis Method: Automatic

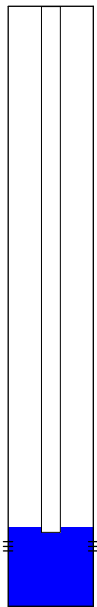
Group: 2018 Sandridge Grp 13 Well: Steward 1-31 (acquired on: 01/02/19 11:57:14)



Change in Pressure 0.51 psi PT16722
Change in Time 1.75 min Range 0 - ? psi

Group: 2018 Sandridge Grp 13 Well: Steward 1-31 (acquired on: 01/02/19 11:57:14)

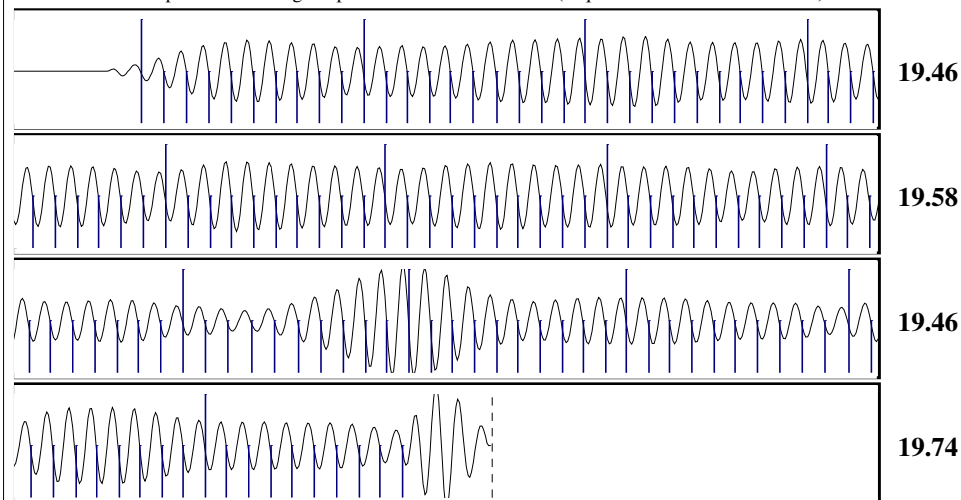
Production		Casing Pressure
Current	Potential	933.3 psi (g)
Oil 0	- * - BBL/D	Casing Pressure Buildup
Water 1	- * - BBL/D	0.5 psi
Gas - * -	- * - Mscf/D	1.75 min
IPR Method Vogel		Gas/Liquid Interface Pressure
PBHP/SBHP	- * -	1051.1 psi (g)
Production Efficiency	0.0	Liquid Level Depth
Oil 40 deg.API		4403.24 ft
Water 1.05 Sp.Gr.H2O		Pump Intake Depth
Gas 0.68 Sp.Gr.AIR		4462.00 ft
Acoustic Velocity	1238.43 ft/s	Formation Depth
		4594.00 ft



Static
Oil Column Height MD 0 ft
Water Column Height MD 183 ft
Static BHP 1134.2 psi (g)

Steward 1-31

Group: 2018 Sandridge Grp 13 Well: Steward 1-31 (acquired on: 01/02/19 11:57:14)



Acoustic Velocity	1238.43 ft/s	Joints counted	129
Joints Per Second	19.5336 jts/sec	Joints to liquid level	138.904
Depth to liquid level	4403.24 ft	Filter Width	17.084 21.084
Automatic Collar Count	Yes	Time to 1st Collar	0.296 6.9

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/>

Shari Feist Albrecht, Chair
Jay Scott Emler, Commissioner
Dwight D. Keen, Commissioner

Laura Kelly, Governor

January 17, 2019

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

Re: Temporary Abandonment
API 15-077-21459-00-00
STEWART 1-31
NW/4 Sec.31-33S-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 01/17/2020.

- * 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 01/17/2020.

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

Very truly yours,

Steve VanGieson"