

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

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 620.682.7933
	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 124038
Well Red Fern 3507 3-16H
Company - * -
Operator Sandridge
Lease Name Red Fern 3507 3-16H
Elevation 1264.00 ft
Production Method Other
Dataset Description

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 2.875 in
Casing OD 7.000 in
Average Joint Length 32.600 ft
Anchor Depth - * - ft
Kelly Bushing 21.00 ft

Pump

Plunger Diameter - * - in
Pump Intake Depth 5822.00 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 1870.1 psi (g)
Static BHP Method Acoustic
Static BHP Date 05/19/2020

Producing BHP 1242.6 psi (g)
Producing BHP Method Acoustic
Producing BHP Date 08/15/2023
Formation Depth 8898.00 ft

Surface Producing Pressures

Tubing Pressure 20.0 psi (g)
Casing Pressure 422.0 psi (g)

Casing Pressure Buildup

Change in Pressure 0.4 psi
Over Change in Time 1.50 min

Production

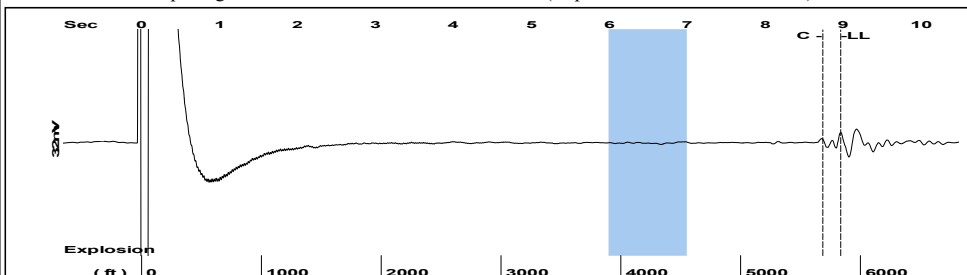
Oil Production 0 BBL/D
Water Production 1 BBL/D
Gas Production - * - Mscf/D
Production Date 04/11/2017

Temperatures

Surface Temperature 70 deg F
Bottomhole Temperature 150 deg F

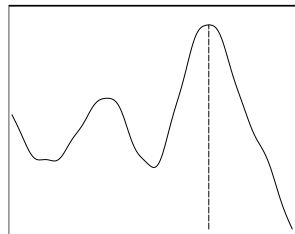
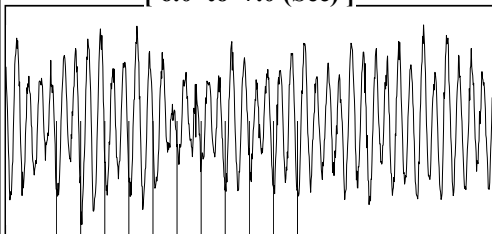
Fluid Properties

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

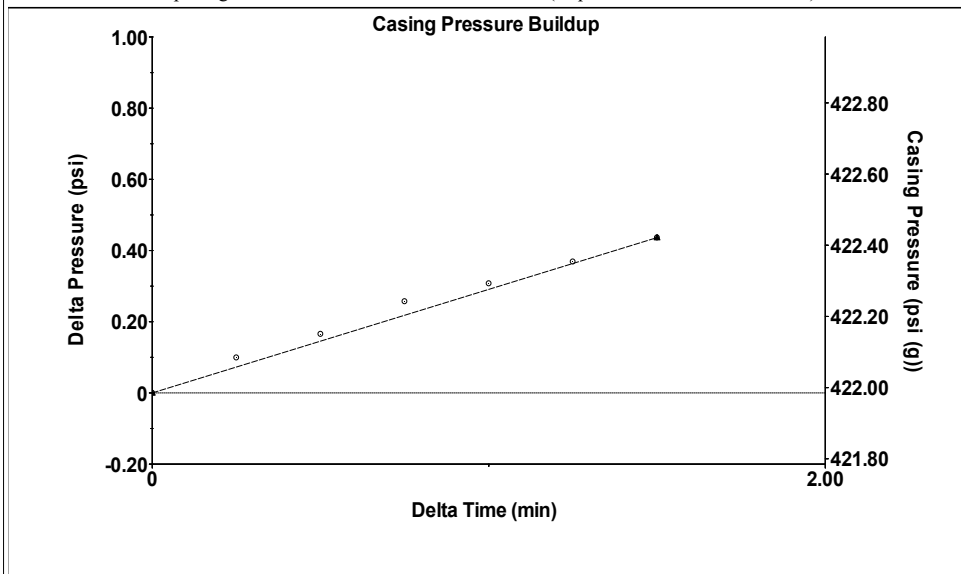


Filter Type High Pass Automatic Collar Count Yes Time 8.97 sec
 Manual Acoustic Veloc 1317.17 ft/s Manual JTS/sec 20.202 Joints 179.005 Jts
 Depth 5835.55 ft

[6.0 to 7.0 (Sec)]

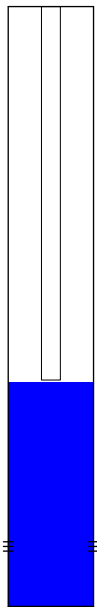


Analysis Method: Automatic



Change in Pressure 0.44 psi PT16722
 Change in Time 1.50 min Range 0 - ? psi

Production		Potential		Casing Pressure	
Current		- * -	BBL/D	422.0	psi (g)
Oil	0	- * -	BBL/D	Casing Pressure Buildup	0.4
Water	1	- * -	Mscf/D	1.50	min
Gas	- * -	- * -		Gas/Liquid Interface Pressure	487.3
				487.3	psi (g)
IPR Method		Vogel		Liquid Level Depth	
PBHP/SBHP		- * -		5835.55	ft
Production Efficiency	0.0			Tubing Intake Depth	5822.00
				5822.00	ft
Oil	40	deg.API		Formation Depth	8898.00
Water	1.05	Sp.Gr.H2O			
Gas	0.65	Sp.Gr.AIR			
Acoustic Velocity	1301.13	ft/s			



Static
 Oil Column Height
 MD 0 ft
 Water Column Height
 MD 3041 ft
 Static BHP
 1870.1 psi (g)



Acoustic Velocity	1301.13	ft/s	Joints counted	163
Joints Per Second	19.9559	jts/sec	Joints to liquid level	179.005
Depth to liquid level	5835.55	ft	Filter Width	18.202
Automatic Collar Count	Yes		Time to 1st Collar	0.572
				8.74

Conservation Division
District Office No. 2
3450 N. Rock Road
Building 600, Suite 601
Wichita, KS 67226



Phone: 316-337-7400
<http://kcc.ks.gov/>

Susan K. Duffy, Chair
Dwight D. Keen, Commissioner
Andrew J. French, Commissioner

Laura Kelly, Governor

September 12, 2023

Leah Medrana
SandRidge Exploration and Production LLC
1 E SHERIDAN AVE STE 500
OKLAHOMA CITY, OK 73104-2494

Re: Temporary Abandonment
API 15-077-21978-01-00
RED FERN 3507 3-16H
NE/4 Sec.09-35S-07W
Harper County, Kansas

Dear Leah Medrana:

"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 08/31/2024.

- * 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 08/31/2024.

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

Very truly yours,

Nicholas Barkley, ECRS"