KOLAR Document ID: 1580363

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form CP-111
July 2017
Form must be Typed
Form must be signed
All blanks must be complete

TEMPORARY ABANDONMENT WELL APPLICATION

OPERATOR: License# 34192
Name: SandRidge Exploration and Production LLC
Address 1: 1 E SHERIDAN AVE STE 500
Address 2:
City: OKLAHOMA CITY State: OK Zip: 73104 + 2494
Contact Person: Collette Davis
Phone: (405) 209-2407
Contact Person Email: cdavis@sandridgeenergy.com
Field Contact Person:
Field Contact Person Phone: ( )

API No. 15- 15-077-21978-01-00
Spot Description:
SE NW NW NE Sec. 9 Twp. 35 S. R. 7 ☐ E ☑ W
400 feet from ☑ N / ☐ S Line of Section
2130 feet from ☑ E / ☐ W Line of Section
GPS Location: Lat: (e.g. xx.xxxxx) , Long: (e.g. -xxx.xxxxx)
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Harper Elevation: ☐ GL ☐ KB
Lease Name: RED FERN 3507 Well #: 3-16H
Well Type: *(check one)* ☐ Oil ☑ Gas ☐ OG ☐ WSW ☐ Other:
☐ SWD Permit #: ☐ ENHR Permit #:
☐ Gas Storage Permit #:
Spud Date: 10/24/2013 Date Shut-In: 1/9/2016

	Conductor	Surface	Production	Intermediate	Liner	Tubing
Size	20	9.63	na	7	na	na
Setting Depth	90	765		5898		
Amount of Cement	13	10		370		
Top of Cement	0	0		na		
Bottom of Cement	90	765		5898		

Casing Fluid Level from Surface: 5710 How Determined? Echometer Date: 6/28/2021
Casing Squeeze(s): _____ (top) to _____ (bottom) w / _____ sacks of cement, _____ (top) to _____ (bottom) w / _____ sacks of cement. Date:
Do you have a valid Oil & Gas Lease? ☑ Yes ☐ No
Depth and Type: ☐ Junk in Hole at _____ (depth) ☐ Tools in Hole at _____ (depth) Casing Leaks: ☐ Yes ☐ No Depth of casing leak(s):
Type Completion: ☑ ALT. I ☐ ALT. II Depth of: ☐ DV Tool: _____ (depth) w / _____ sacks of cement ☐ Port Collar: _____ (depth) w / _____ sack of cement
Packer Type: Size: Inch Set at: Feet
Total Depth: 8729 Plug Back Depth: Plug Back Method:

Geological Date:

Formation Name	Formation Top	Formation Base	Completion Information
1.	At:	to Feet	Perforation Interval 5296 to 8662 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: Steve VanGieson Comments:
TA Approved: ☑ Yes ☐ Denied Date: 07/14/2021

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	- * -	
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	1943.9	psi (g)
Static BHP Method	Acoustic	
Static BHP Date	05/19/2020	
Producing BHP	1953.2	psi (g)
Producing BHP Method	Acoustic	
Producing BHP Date	06/17/2021	
Formation Depth	8898.00	ft

Surface Producing Pressures

Tubing Pressure	20.0	psi (g)
Casing Pressure	436.7	psi (g)

Casing Pressure Buildup

Change in Pressure	-0.086	psi
Over Change in Time	0.25	min

Production

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

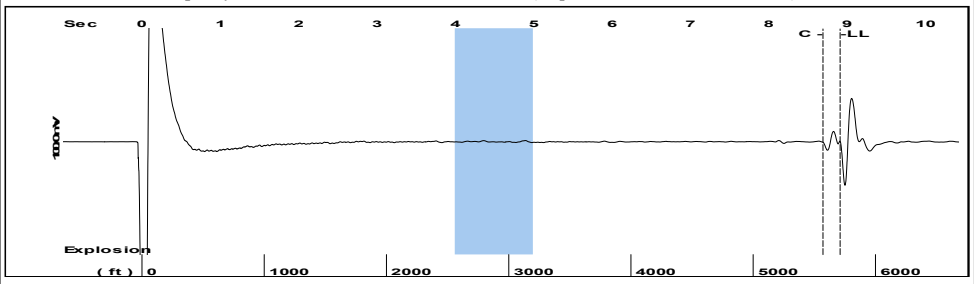
Temperatures

Surface Temperature	70	deg F
Bottomhole Temperature	150	deg F

Fluid Properties

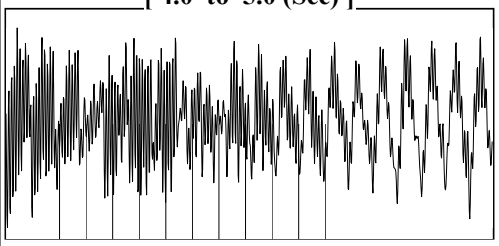
Oil API	40	deg.API
Water Specific Gravity	1.05	Sp.Gr.H2O

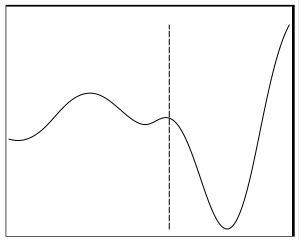
Group: MyWells Well: Red Fern 3507 3-16H (acquired on: 06/17/21 14:13:46)



Filter Type	High Pass		Automatic Collar Count	Yes	Time	8.911	sec
Manual Acoustic Veloc	1194.14	ft/s	Manual JTS/sec	18.315	Joints	175.181	Jts
					Depth	5710.89	ft

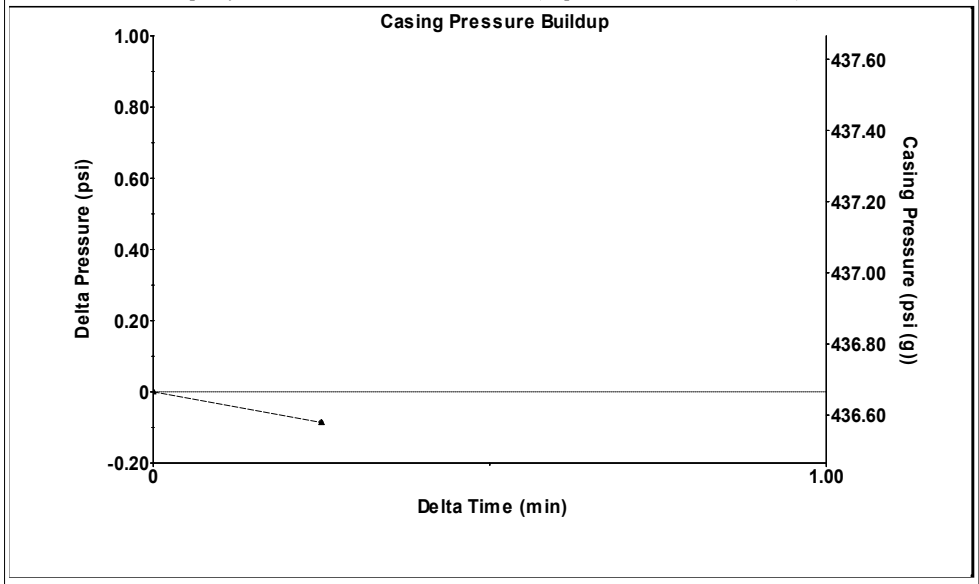
[4.0 to 5.0 (Sec)]





Analysis Method: Automatic

Group: MyWells Well: Red Fern 3507 3-16H (acquired on: 06/17/21 14:13:46)



Change in Pressure	-0.09	psi	PT16722		
			Range	0 - ?	psi
Change in Time	0.25	min			

Group: MyWells Well: Red Fern 3507 3-16H (acquired on: 06/17/21 14:13:46)

Production

	Current	Potential	
Oil	0	- * -	BBL/D
Water	1	- * -	BBL/D
Gas	- * -	- * -	Mscf/D

IPR Method	Vogel
PBHP/SBHP	- * -
Production Efficiency	0.0

Oil	40	deg.API
Water	1.05	Sp.Gr.H2O
Gas	0.67	Sp.Gr.AIR

Acoustic Velocity 1281.76 ft/s

Casing Pressure
436.7 psi (g)

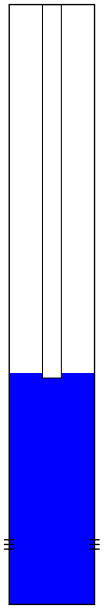
Casing Pressure Buildup
-0.086 psi
0.25 min

Gas/Liquid Interface Pressure
504.5 psi (g)

Liquid Level Depth
5710.89 ft

Tubing Intake Depth
5822.00 ft

Formation Depth
8898.00 ft



Static

Oil Column Height
MD 0 ft

Water Column Height
MD 3166 ft

Static BHP
1943.9 psi (g)

Red Fern 3-16H

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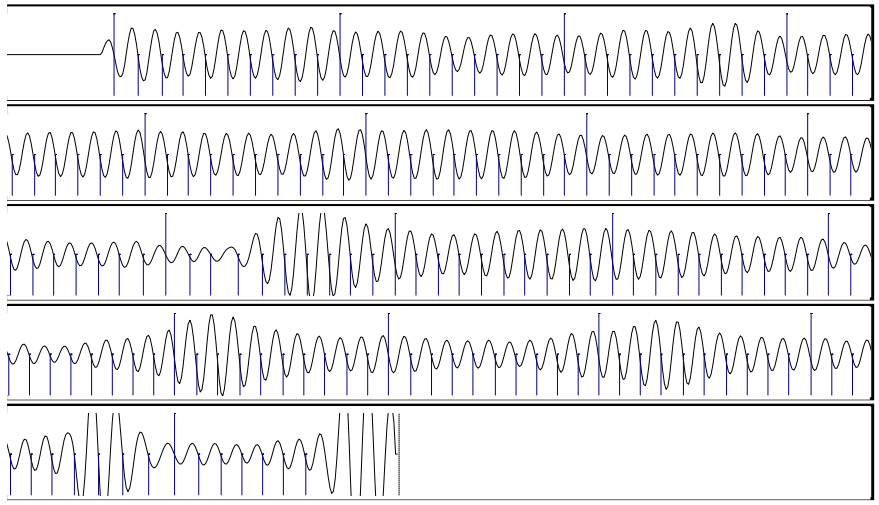

Acoustic Velocity	1281.76	ft/s	Joints counted	166	
Joints Per Second	19.6589	jts/sec	Joints to liquid level	175.181	
Depth to liquid level	5710.89	ft	Filter Width	16.315	20.315
Automatic Collar Count	Yes		Time to 1st Collar	0.248	8.692

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

Kansas
Corporation Commission

Phone: 316-337-7400
Fax: 316-630-4005
http://kcc.ks.gov/

July 14, 2021

Collette Davis
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 Collette Davis:

"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 07/14/2022.

* 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 07/14/2022.

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

Very truly yours,

Steve VanGieson"