

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 125011
Well Birchenough 1
Company Sandridge
Operator - * -
Lease Name Birchenough 1
Elevation 1292.00 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 2.375 in
Casing OD 5.500 in
Average Joint Length 31.700 ft
Anchor Depth - * - ft
Kelly Bushing 5.00 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 297.8 psi (g)
Static BHP Method Acoustic
Static BHP Date 07/08/2021

Producing BHP 471.2 psi (g)
Producing BHP Method Acoustic
Producing BHP Date 04/11/2017
Formation Depth 4422.00 ft

Surface Producing Pressures

Tubing Pressure - * - psi (g)
Casing Pressure -0.0 psi (g)

Casing Pressure Buildup

Change in Pressure -0.428 psi
Over Change in Time 1.00 min

Production

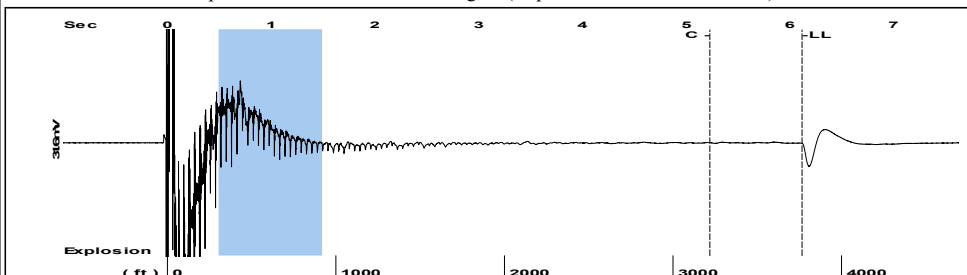
Oil Production 0 BBL/D
Water Production 1 BBL/D
Gas Production - * - Mscf/D
Production Date 04/11/2017

Temperatures

Surface Temperature 70 deg F
Bottomhole Temperature 150 deg F

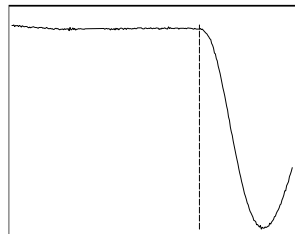
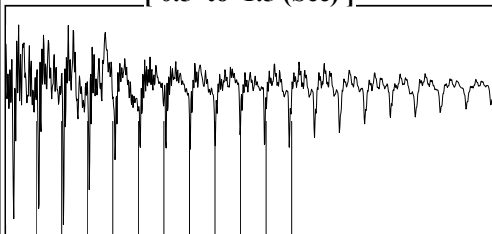
Fluid Properties

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

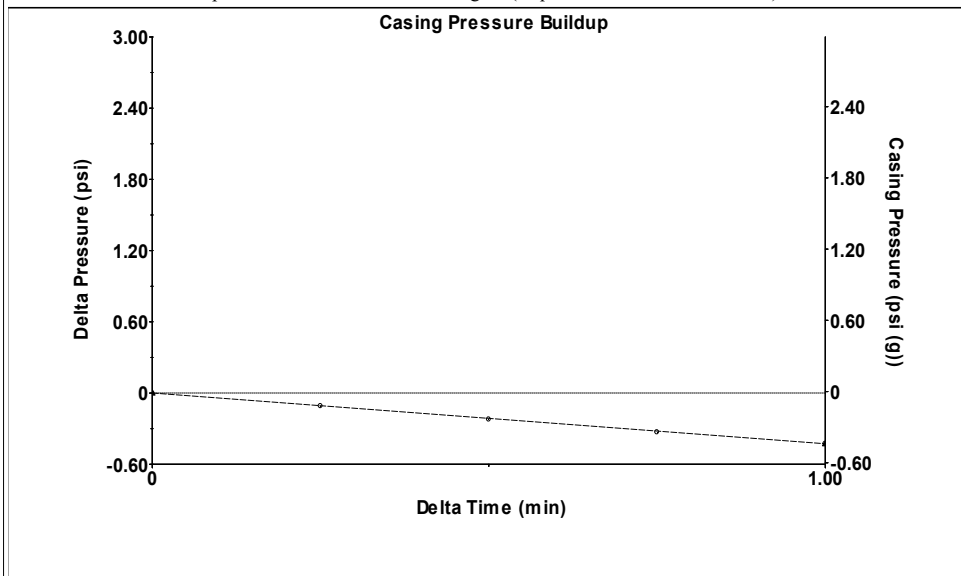


Filter Type High Pass Automatic Collar Count Yes Time 6.117 sec
 Manual Acoustic Veloc 1207.62 ft/s Manual JTS/sec 19.0476 Joints 118.777 Jts
 Depth 3765.22 ft

[0.5 to 1.5 (Sec)]



Analysis Method: Automatic



Change in Pressure -0.43 psi PT16722
 Change in Time 1.00 min Range 0 - ? psi

<p>Production Current Potential</p> <p>Oil 0 - * - BBL/D</p> <p>Water 1 - * - BBL/D</p> <p>Gas - * - - * - Mscf/D</p> <p>IPR Method Vogel</p> <p>PBHP/SBHP - * -</p> <p>Production Efficiency 0.0</p> <p>Oil 40 deg.API</p> <p>Water 1.05 Sp.Gr.H2O</p> <p>Gas 0.77 Sp.Gr.AIR</p> <p>Acoustic Velocity 1231.07 ft/s</p>	<p>Casing Pressure -0.0 psi (g)</p> <p>Casing Pressure Buildup -0.428 psi</p> <p>Gas/Liquid Interface Pressure 1.5 psi (g)</p> <p>Liquid Level Depth 3765.22 ft</p> <p>Tubing Intake Depth - * - ft</p> <p>Formation Depth 4422.00 ft</p>	<p>Static</p> <p>Oil Column Height MD 0 ft</p> <p>Water Column Height MD 652 ft</p> <p>Static BHP 297.8 psi (g)</p>
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Birchenough 1



Acoustic Velocity	1231.07 ft/s	Joints counted	96
Joints Per Second	19.4175 jts/sec	Joints to liquid level	118.777
Depth to liquid level	3765.22 ft	Filter Width	17.0476 21.0476
Automatic Collar Count	Yes	Time to 1st Collar	0.284 5.228

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/>

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

Laura Kelly, Governor

July 13, 2021

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

Re: Temporary Abandonment
API 15-077-20167-00-00
BIRCHENOUGH 1
SE/4 Sec.27-33S-06W
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 07/13/2022.

- * 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 07/13/2022.

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

Very truly yours,

Steve VanGieson"