

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form must be Typed
Form must be signed

TEMPORARY ABANDONMENT WELL APPLICATION

All blanks must be complete

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 Date:

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

General

Well ID 125012
 Well Birchenough 5
 Company Sandridge
 Operator - * -
 Lease Name Birchenough 5
 Elevation 1328.00 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 31.700 ft
 Anchor Depth - * - ft
 Kelly Bushing 21.00 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 551.9 psi (g)
 Static BHP Method Acoustic
 Static BHP Date 08/07/2019

Producing BHP 1075.0 psi (g)
 Producing BHP Method Acoustic
 Producing BHP Date 11/17/2023
 Formation Depth 7251.00 ft

Surface Producing Pressures

Tubing Pressure 2.6 psi (g)
 Casing Pressure 26.2 psi (g)

Casing Pressure Buildup

Change in Pressure 0.625 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 07/23/2018

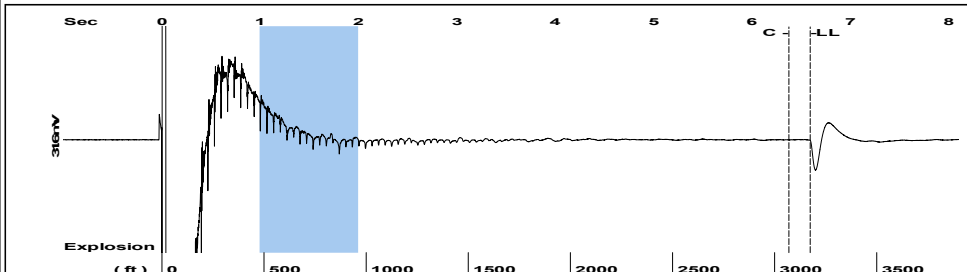
Temperatures

Surface Temperature 70 deg F
 Bottomhole Temperature 150 deg F

Fluid Properties

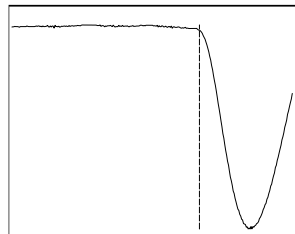
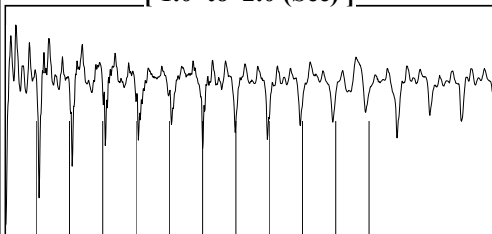
Oil API 40 deg.API
 Water Specific Gravity 1.05 Sp.Gr.H2O

Group: November 2023 Well: Birchenough 5 (acquired on: 11/17/23 17:02:07)



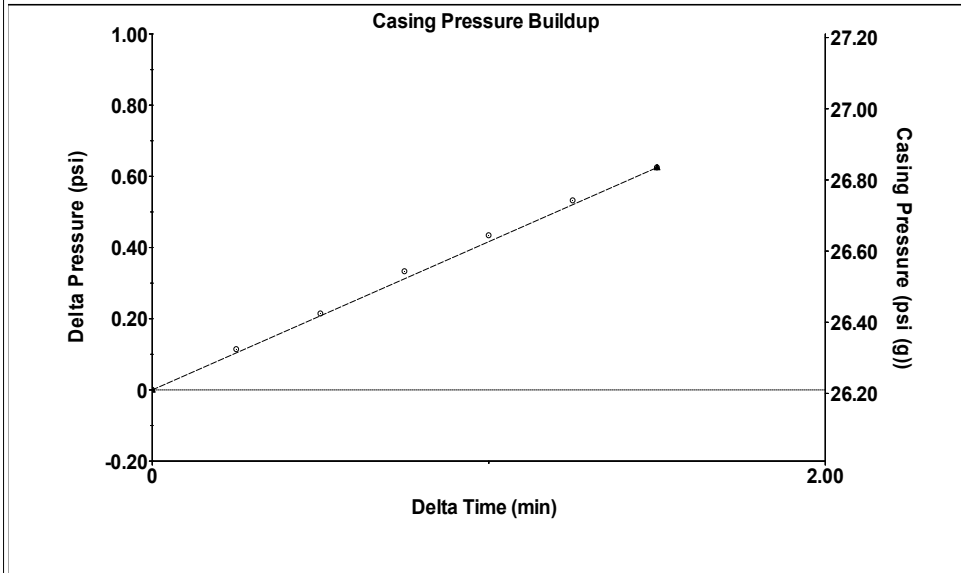
Filter Type High Pass Automatic Collar Count Yes Time 6.593 sec
 Manual Acoustic Veloc 926.901 ft/s Manual JTS/sec 14.6199 Joints 100.122 Jts
 Depth 3173.88 ft

[1.0 to 2.0 (Sec)]



Analysis Method: Automatic

Group: November 2023 Well: Birchenough 5 (acquired on: 11/17/23 17:02:07)

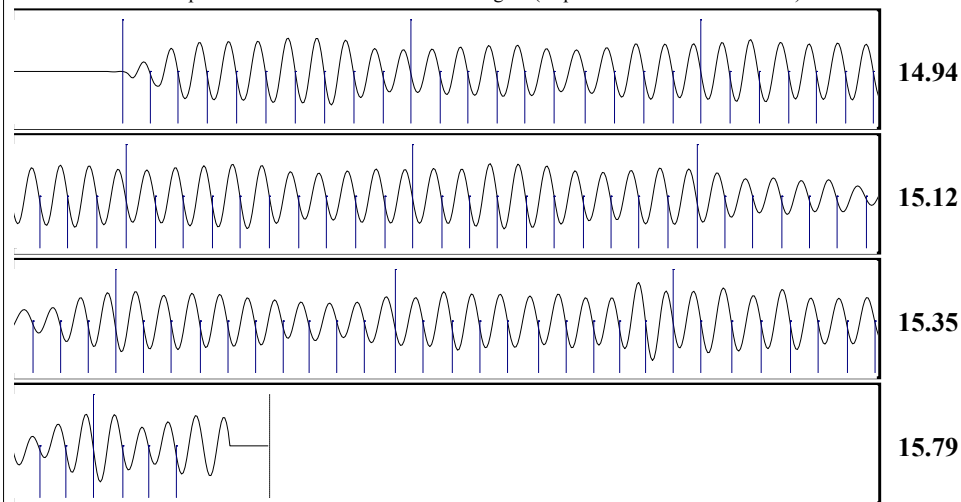


Change in Pressure 0.62 psi PT16722
 Change in Time 1.50 min Range 0 - ? psi

Group: November 2023 Well: Birchenough 5 (acquired on: 11/17/23 17:02:07)

Production Current	Potential	Casing Pressure	Static
Oil 0	- * - BBL/D	26.2 psi (g)	
Water 1	- * - BBL/D	Casing Pressure Buildup	Oil Column Height
Gas - * -	- * - Mscf/D	0.6 psi	MD 0 ft
		1.50 min	
IPR Method	Vogel	Gas/Liquid Interface Pressure	Water Column Height
PBHP/SBHP	- * -	31.0 psi (g)	MD 4056 ft
Production Efficiency	0.0		
		Liquid Level Depth	
Oil 40 deg.API		3173.88 ft	
Water 1.05 Sp.Gr.H2O		Tubing Intake Depth	
Gas 1.00 Sp.Gr.AIR		- * - ft	
Acoustic Velocity	962.802 ft/s	Formation Depth	
		7251.00 ft	
		Static BHP	
		1875.1 psi (g)	

Group: November 2023 Well: Birchenough 5 (acquired on: 11/17/23 17:02:07)



Acoustic Velocity 962.802 ft/s Joints counted 93
 Joints Per Second 15.1862 jts/sec Joints to liquid level 100.122
 Depth to liquid level 3173.88 ft Filter Width 12.6199 16.6199
 Automatic Collar Count Yes Time to 1st Collar 0.252 6.376

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/>

Andrew J. French, Chairperson
Dwight D. Keen, Commissioner
Annie Kuether, Commissioner

Laura Kelly, Governor

12/04/2023

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

Re: Temporary Abandonment
API 15-077-20415-00-00
BIRCHENOUGH 5
SE/4 Sec.27-33S-06W
Harper County, Kansas

Dear Leah Medrana:

Your application for Temporary Abandonment (TA) for the above-listed well is denied for the following reasons(s):

Shut-in Over 10 years

Pursuant to K.A.R. 82-3-111, the well must be plugged, or returned to service, or obtain temporary abandonment status by 01/03/2024.

This deadline does NOT override any compliance deadline given to you in any Commission Order.

You may contact me if you have any questions.

Sincerely,
DBollenback
KCC DISTRICT 2