

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:

Map of Kansas with 4 numbered districts. Table with 2 columns: Office Name/Address, Phone Number.

General

Well ID 125092
 Well Birchenough 3
 Company Sandridge
 Operator - * -
 Lease Name Birchenough 3
 Elevation 1276.00 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 2.000 in
 Casing OD 5.500 in
 Average Joint Length 31.700 ft
 Anchor Depth - * - ft
 Kelly Bushing 0.00 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 462.6 psi (g)
 Static BHP Method Acoustic
 Static BHP Date 02/26/2021

Producing BHP 666.7 psi (g)
 Producing BHP Method Acoustic
 Producing BHP Date 01/21/2020
 Formation Depth 4420.00 ft

Surface Producing Pressures

Tubing Pressure 0.0 psi (g)
 Casing Pressure 412.7 psi (g)

Casing Pressure Buildup

Change in Pressure -0.246 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

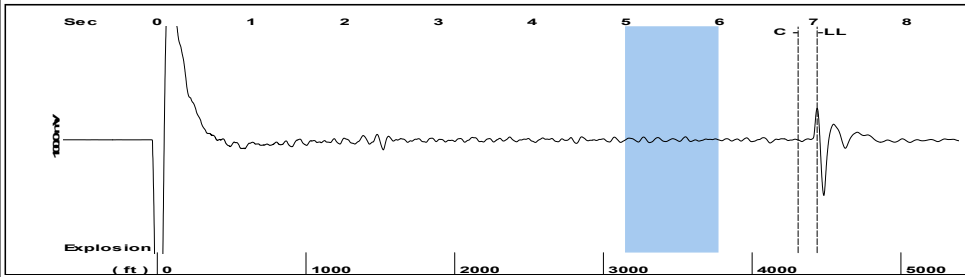
Temperatures

Surface Temperature 70 deg F
 Bottomhole Temperature 150 deg F

Fluid Properties

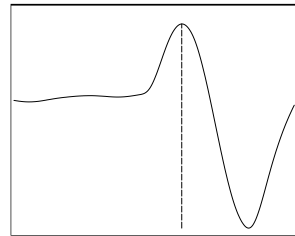
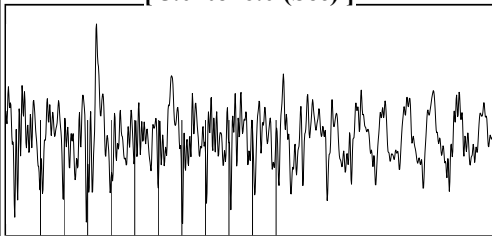
Oil API 40 deg.API
 Water Specific Gravity 1.05 Sp.Gr.H2O

Group: 2021 February Well: Birchenough 3 (acquired on: 02/26/21 12:01:24)



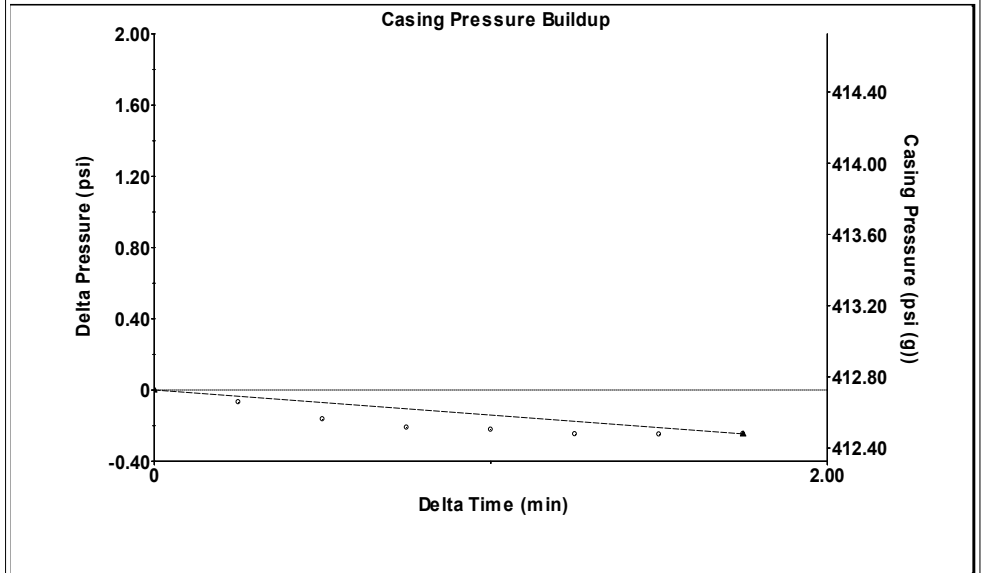
Filter Type High Pass Automatic Collar Count Yes Time 7.043 sec
 Manual Acoustic Veloc 1309.92 ft/s Manual JTS/sec 20.6612 Joints 139.963 Jts
 Depth 4436.81 ft

[5.0 to 6.0 (Sec)]



Analysis Method: Automatic

Group: 2021 February Well: Birchenough 3 (acquired on: 02/26/21 12:01:24)

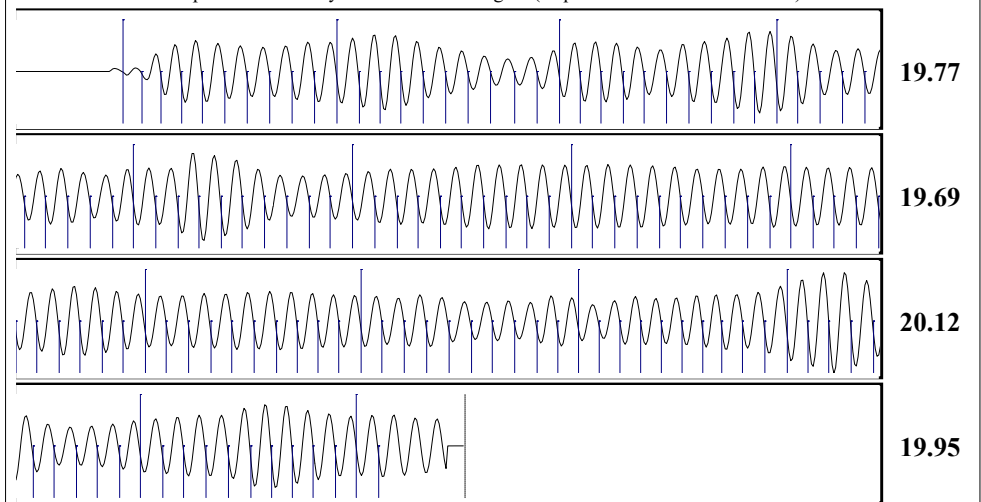


Change in Pressure -0.25 psi PT16722
 Change in Time 1.75 min Range 0 - ? psi

Group: 2021 February Well: Birchenough 3 (acquired on: 02/26/21 12:01:24)

Production		Potential		Casing Pressure		Static	
Oil	0	- * -	BBL/D	412.7	psi (g)	Oil Column Height	MD 0 ft
Water	1	- * -	BBL/D	Casing Pressure Buildup	-0.246	psi	1.75
Gas	- * -	- * -	Mscf/D	Gas/Liquid Interface Pressure	462.7	psi (g)	Liquid Level Depth
IPR Method		Vogel		4436.81		ft	Tubing Intake Depth
PBHP/SBHP		- * -		- * -		ft	Formation Depth
Production Efficiency		0.0		4420.00		ft	
Oil	40	deg.API					
Water	1.05	Sp.Gr.H2O					
Gas	0.70	Sp.Gr.AIR					
Acoustic Velocity	1259.92	ft/s					
Birchenough 3							

Group: 2021 February Well: Birchenough 3 (acquired on: 02/26/21 12:01:24)



Acoustic Velocity 1259.92 ft/s Joints counted 131
 Joints Per Second 19.8726 jts/sec Joints to liquid level 139.963
 Depth to liquid level 4436.81 ft Filter Width 18.6612 22.6612
 Automatic Collar Count Yes Time to 1st Collar 0.248 6.84

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

March 16, 2021

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

Re: Temporary Abandonment
API 15-077-20318-00-00
BIRCHENOUGH 3
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 03/16/2022.

- * 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 03/16/2022.

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

Very truly yours,

Steve VanGieson"