

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:

Table with 3 columns: District Office #, Address, Phone. Rows 1-4.

**General**

Well ID 125012  
 Well Birchenough 5  
 Company Sandridge  
 Operator - \* -  
 Lease Name Birchenough 5  
 Elevation 1300.00 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 2.375 in  
 Casing OD 5.500 in  
 Average Joint Length 32.350 ft  
 Anchor Depth - \* - ft  
 Kelly Bushing 2.00 ft

**Pump**

Plunger Diameter - \* - in  
 Pump Intake Depth 3915.05 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 1519.3 psi (g)  
 Static BHP Method Acoustic  
 Static BHP Date 01/02/2019  
 Producing BHP 1520.2 psi (g)  
 Producing BHP Method Acoustic  
 Producing BHP Date 04/12/2022  
 Formation Depth 6474.00 ft

**Surface Producing Pressures**

Tubing Pressure - \* - psi (g)  
 Casing Pressure 2.1 psi (g)

**Casing Pressure Buildup**

Change in Pressure -0.196 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

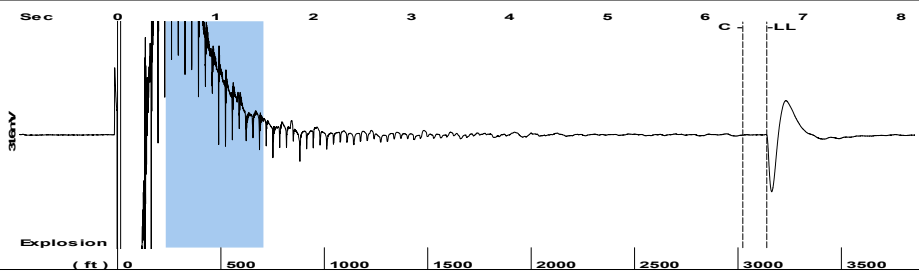
**Temperatures**

Surface Temperature 70 deg F  
 Bottomhole Temperature 150 deg F

**Fluid Properties**

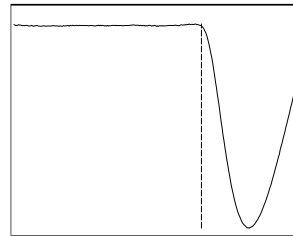
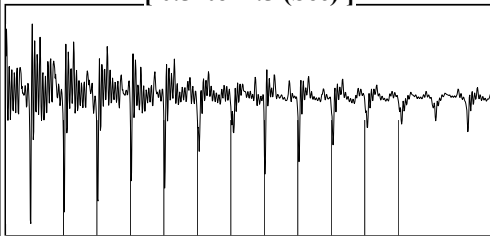
Oil API 40 deg.API  
 Water Specific Gravity 1.05 Sp.Gr.H2O

Group: 2022 March Pt 3 Well: Birchenough 5 (acquired on: 04/12/22 09:58:23 )



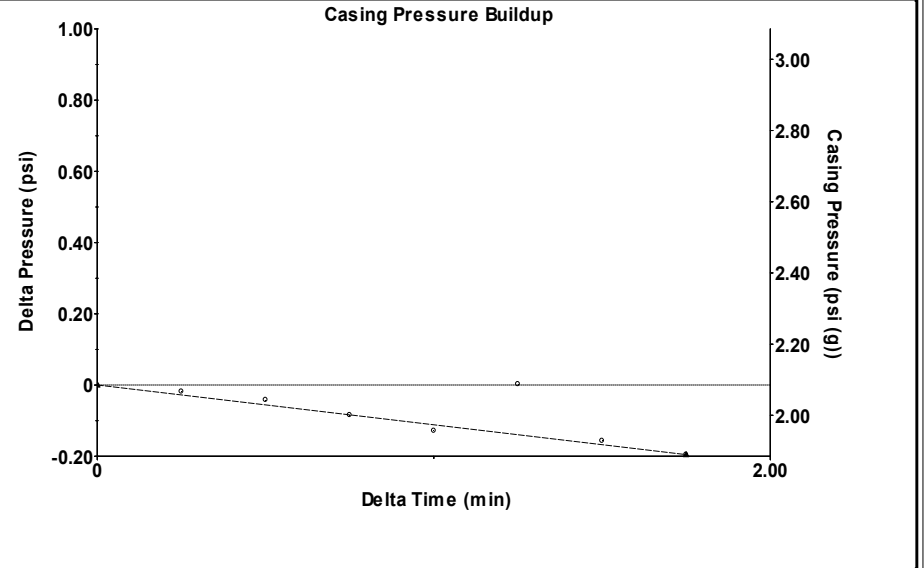
Filter Type High Pass Automatic Collar Count Yes Time 6.629 sec  
 Manual Acoustic Veloc 940.407 ft/s Manual JTS/sec 14.5349 Joints 97.0363 Jts  
 Depth 3139.13 ft

[ 0.5 to 1.5 (Sec) ]



Analysis Method: Automatic

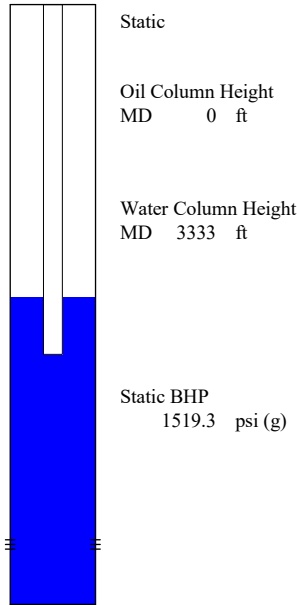
Group: 2022 March Pt 3 Well: Birchenough 5 (acquired on: 04/12/22 09:58:23 )



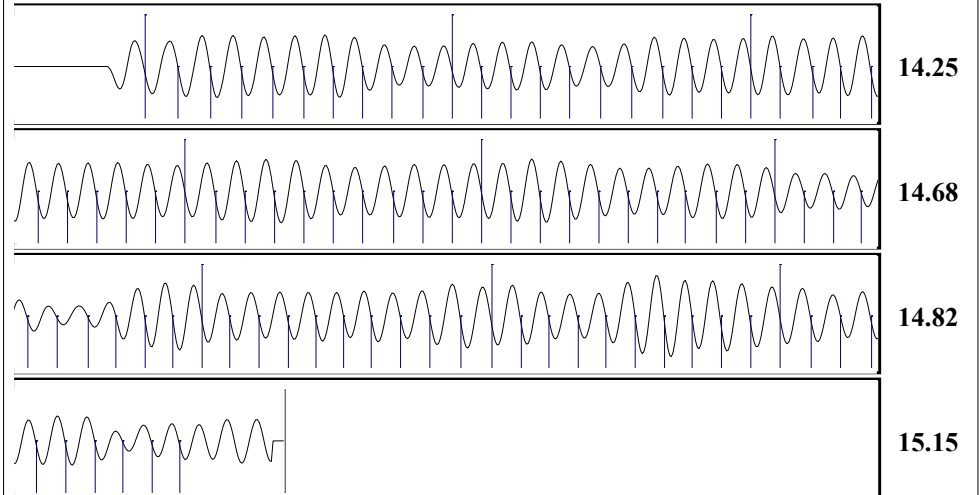
Change in Pressure -0.20 psi PT16722  
 Change in Time 1.75 min Range 0 - ? psi

Group: 2022 March Pt 3 Well: Birchenough 5 (acquired on: 04/12/22 09:58:23 )

Production		Potential	Casing Pressure
Current			2.1 psi (g)
Oil 0	- * -	BBL/D	Casing Pressure Buildup
Water 1	- * -	BBL/D	-0.196 psi
Gas - * -	- * -	Mscf/D	1.75 min
IPR Method		Vogel	Gas/Liquid Interface Pressure
PBHP/SBHP		- * -	4.0 psi (g)
Production Efficiency		0.0	Liquid Level Depth
Oil 40 deg.API			3139.13 ft
Water 1.05 Sp.Gr.H2O			Tubing Intake Depth
Gas 1.02 Sp.Gr.AIR			3915.05 ft
Acoustic Velocity	947.089 ft/s		Formation Depth
			6474.00 ft



Group: 2022 March Pt 3 Well: Birchenough 5 (acquired on: 04/12/22 09:58:23 )



Acoustic Velocity	947.089 ft/s	Joints counted	89
Joints Per Second	14.6382 jts/sec	Joints to liquid level	97.0363
Depth to liquid level	3139.13 ft	Filter Width	12.5349 16.5349
Automatic Collar Count	Yes	Time to 1st Collar	0.304 6.384

April 14, 2022

Collette Davis  
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 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 03/16/2023.

- \* 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 03/16/2023.

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

Very truly yours,

Scott Schmidt, ECRS"