

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

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 - * -
 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 2093.4 psi (g)
 Static BHP Method Acoustic
 Static BHP Date 03/29/2016
 Producing BHP 2095.6 psi (g)
 Producing BHP Method Acoustic
 Producing BHP Date 06/17/2022
 Formation Depth 8422.00 ft

Production

Oil Production 0 BBL/D
 Water Production 1 BBL/D
 Gas Production - * - Mscf/D
 Production Date 06/17/2021

Temperatures

Surface Temperature 70 deg F
 Bottomhole Temperature 150 deg F

Surface Producing Pressures

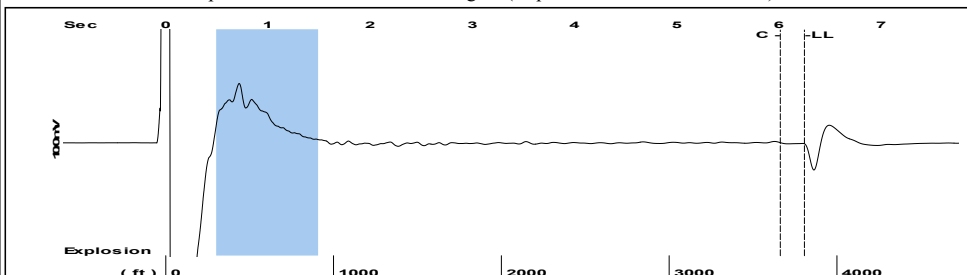
Tubing Pressure - * - psi (g)
 Casing Pressure -4.2 psi (g)

Fluid Properties

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

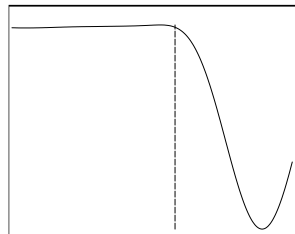
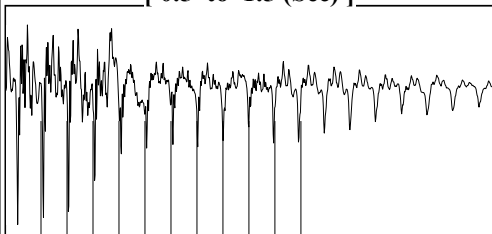
Casing Pressure Buildup

Change in Pressure -0.456 psi
 Over Change in Time 1.50 min

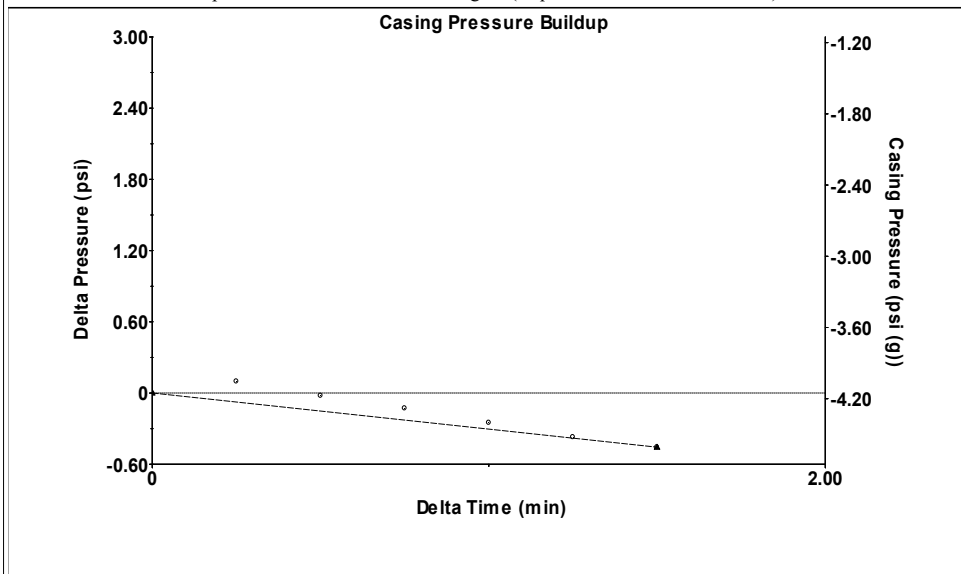


Filter Type High Pass Automatic Collar Count Yes Time 6.252 sec
 Manual Acoustic Veloc 1187.27 ft/s Manual JTS/sec 18.7266 Joints 120.063 Jts
 Depth 3805.99 ft

[0.5 to 1.5 (Sec)]

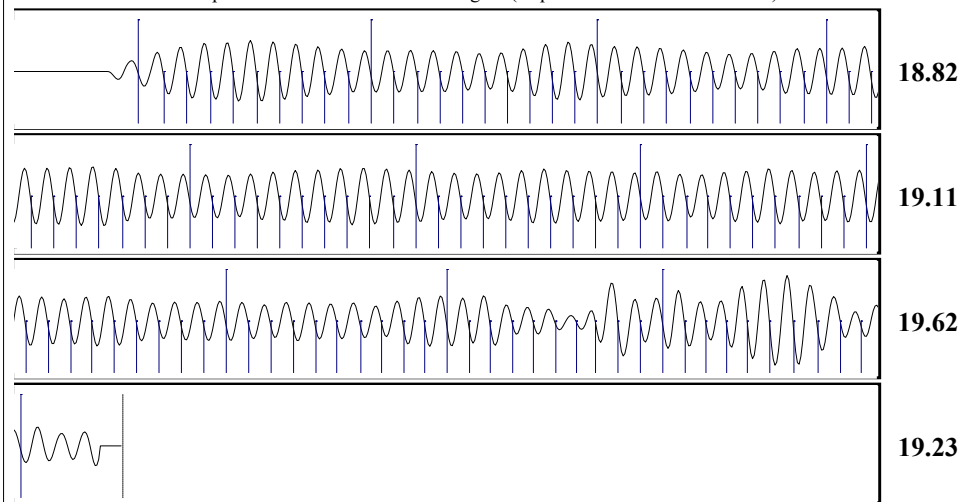


Analysis Method: Automatic



Change in Pressure -0.46 psi PT16722
 Change in Time 1.50 min Range 0 - ? psi

Production	Potential	Casing Pressure	Static
Current		-4.2 psi (g)	
Oil 0	- * - BBL/D	Casing Pressure Buildup	Oil Column Height
Water 1	- * - BBL/D	-0.456 psi	MD 0 ft
Gas - * -	- * - Mscf/D	1.50 min	
		Gas/Liquid Interface Pressure	Water Column Height
		-3.0 psi (g)	MD 4611 ft
IPR Method	Vogel	Liquid Level Depth	
PBHP/SBHP	- * -	3805.99 ft	
Production Efficiency	0.0	Tubing Intake Depth	
		- * - ft	
Oil 40 deg.API		Formation Depth	
Water 1.05 Sp.Gr.H2O		8422.00 ft	
Gas 0.77 Sp.Gr.AIR			
Acoustic Velocity	1217.53 ft/s	Static BHP	2093.4 psi (g)



Acoustic Velocity 1217.53 ft/s Joints counted 110
 Joints Per Second 19.2039 jts/sec Joints to liquid level 120.063
 Depth to liquid level 3805.99 ft Filter Width 16.7266 20.7266
 Automatic Collar Count Yes Time to 1st Collar 0.288 6.016

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/>

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

Laura Kelly, Governor

August 31, 2022

LEAH IRISH
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 LEAH IRISH:

"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 08/31/2023.

- * 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 08/31/2023.

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

Very truly yours,

David Bollenback"