

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 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 1-4.

General

Well ID 125014
 Well Harmon 1
 Company Sandridge
 Operator - * -
 Lease Name Harmon1
 Elevation 1307.00 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 - * - in
 Casing OD 5.500 in
 Average Joint Length 31.700 ft
 Anchor Depth - * - ft
 Kelly Bushing 10.00 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 587.1 psi (g)
 Static BHP Method Acoustic
 Static BHP Date 12/07/2016
 Producing BHP 1963.3 psi (g)
 Producing BHP Method Acoustic
 Producing BHP Date 06/17/2021
 Formation Depth 7506.00 ft

Surface Producing Pressures

Tubing Pressure 0.0 psi (g)
 Casing Pressure 468.4 psi (g)

Casing Pressure Buildup

Change in Pressure -0.712 psi
 Over Change in Time 1.25 min

Production

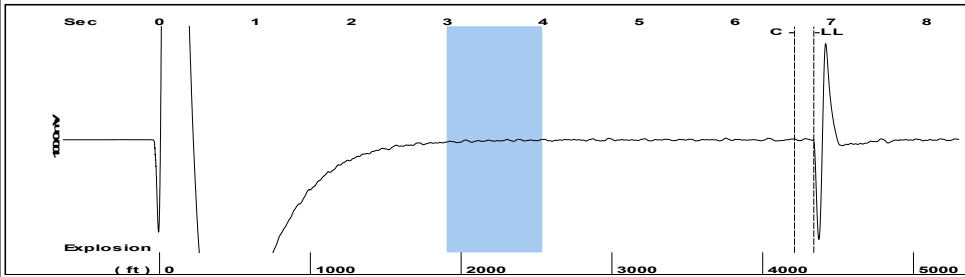
Oil Production 0 BBL/D
 Water Production 1 BBL/D
 Gas Production - * - Mscf/D
 Production Date 12/06/2016

Temperatures

Surface Temperature 70 deg F
 Bottomhole Temperature 150 deg F

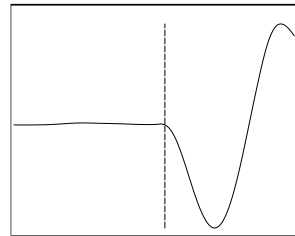
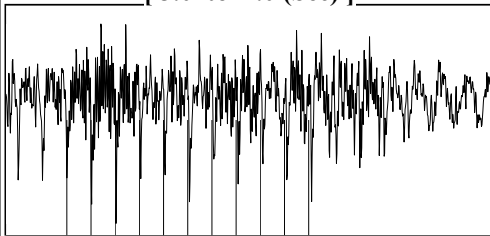
Fluid Properties

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

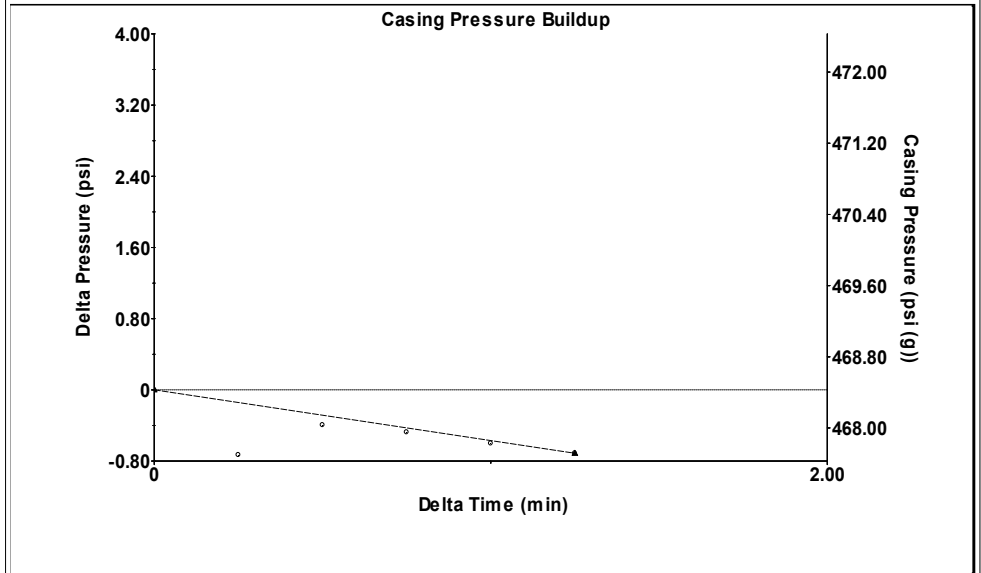


Filter Type High Pass Automatic Collar Count Yes Time 6.821 sec
 Manual Acoustic Veloc 1275.65 ft/s Manual JTS/sec 20.1207 Joints 136.864 Jts
 Depth 4338.59 ft

[3.0 to 4.0 (Sec)]

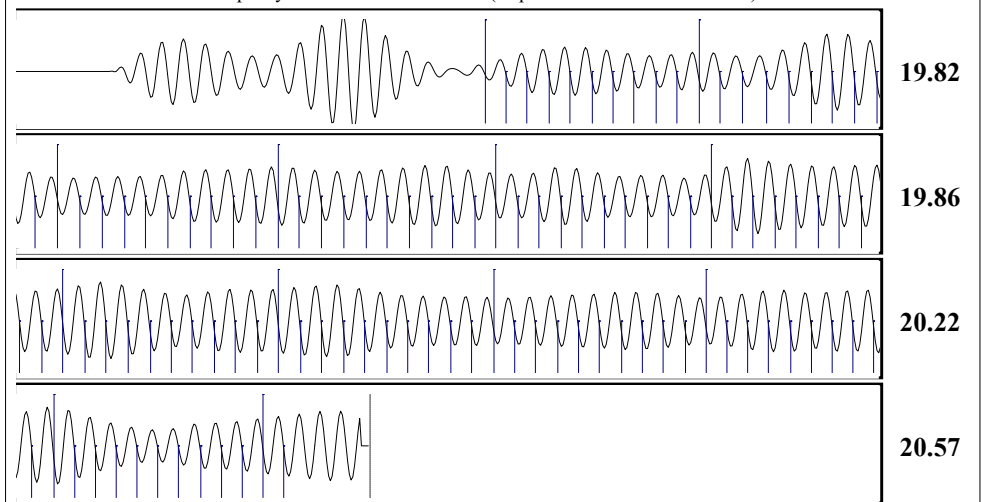


Analysis Method: Automatic



Change in Pressure -0.71 psi PT16722
 Change in Time 1.25 min Range 0 - ? psi

Production		Potential		Casing Pressure		Producing	
Current		- * -	BBL/D	468.4	psi (g)		
Oil	0	- * -	BBL/D	Casing Pressure Buildup	-0.712	psi	
Water	1	- * -	Mscf/D	1.25	min		
Gas	- * -	- * -	Mscf/D	Gas/Liquid Interface Pressure	523.2	psi (g)	
IPR Method		Vogel		Liquid Level Depth		Tubing Intake	
PBHP/SBHP		- * -		4338.59	ft	- * -	psi (g)
Production Efficiency	0.0			Tubing Intake Depth	- * -	ft	
Oil	40	deg.API		Formation Depth	7506.00	ft	
Water	1.05	Sp.Gr.H2O					
Gas	0.67	Sp.Gr.AIR					
Acoustic Velocity	1272.13	ft/s					
Formation Submergence				Tubing Intake		Producing BHP	
Total Gaseous Liquid Column HT (TVD)	3167	ft		- * -	psi (g)	1963.3	psi (g)
Equivalent Gas Free Liquid HT (TVD)	3167	ft				Static BHP	587.1
Harmon 1							



Acoustic Velocity 1272.13 ft/s Joints counted 111
 Joints Per Second 20.0651 jts/sec Joints to liquid level 136.864
 Depth to liquid level 4338.59 ft Filter Width 18.1207 22.1207
 Automatic Collar Count Yes Time to 1st Collar 1.088 6.62

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 14, 2021

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

Re: Temporary Abandonment
API 15-077-20472-00-00
HARMON 1
NE/4 Sec.28-33S-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 07/14/2022.

- * 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 07/14/2022.

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

Very truly yours,

Steve VanGieson"