

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. \_\_\_\_\_  E  W  
 \_\_\_\_\_ feet from  N /  S Line of Section  
 \_\_\_\_\_ feet from  E /  W Line of Section  
 GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)  
 Datum:  NAD27  NAD83  WGS84  
 County: \_\_\_\_\_ Elevation: \_\_\_\_\_  GL  KB  
 Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_  
 Well Type: (check one)  Oil  Gas  OG  WSW  Other: \_\_\_\_\_  
 SWD Permit #: \_\_\_\_\_  ENHR Permit #: \_\_\_\_\_  
 Gas Storage Permit #: \_\_\_\_\_  
 Spud Date: \_\_\_\_\_ Date Shut-In: \_\_\_\_\_

|                  | Conductor | Surface | Production | Intermediate | Liner | Tubing |
|------------------|-----------|---------|------------|--------------|-------|--------|
| 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: \_\_\_\_\_  
(top) (bottom) (top) (bottom)  
 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): \_\_\_\_\_  
(depth) (depth)  
 Type Completion:  ALT. I  ALT. II Depth of:  DV Tool: \_\_\_\_\_ w / \_\_\_\_\_ sacks of cement  Port Collar: \_\_\_\_\_ w / \_\_\_\_\_ sack of cement  
(depth) (depth)  
 Packer Type: \_\_\_\_\_ Size: \_\_\_\_\_ Inch Set at: \_\_\_\_\_ Feet  
 Total Depth: \_\_\_\_\_ Plug Back Depth: \_\_\_\_\_ Plug Back Method: \_\_\_\_\_

**Geological Data:**

| Formation Name | Formation Top | Formation Base | Completion Information   |
|----------------|---------------|----------------|--|
| 1. _____       | At: _____     | to _____ Feet  | Perforation Interval _____ to _____ Feet or Open Hole Interval _____ to _____ Feet |
| 2. _____       | At: _____     | to _____ Feet  | Perforation Interval _____ to _____ Feet or Open Hole Interval _____ to _____ Feet |

UNDER PENALTY OF PERJURY I HEREBY ATTEST THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

Submitted Electronically

|   |  |                |                     |                      |                                 |
|---|--|----------------|---------------------|----------------------|---------------------------------|
| <b>Do NOT Write in This Space - KCC USE ONLY</b>                                      | Date Tested: _____                         | Results: _____ | Date Plugged: _____ | Date Repaired: _____ | Date Put Back in Service: _____ |
|   | Review Completed by: _____ Comments: _____ |                |                     |                      |                                 |
| TA Approved: <input type="checkbox"/> Yes <input type="checkbox"/> Denied Date: _____ |  |                |                     |                      |                                 |

Mail to the Appropriate KCC Conservation Office:

|  |  |                    |
|--|--|--------------------|
|  | KCC District Office #1 - 210 E. Frontview, Suite A, Dodge City, KS 67801               | Phone 620.682.7933 |
|  | KCC District Office #2 - 3450 N. Rock Road, Building 600, Suite 601, Wichita, KS 67226 | Phone 316.337.7400 |
|  | KCC District Office #3 - 137 E. 21st St., Chanute, KS 66720                            | Phone 620.902.6450 |
|  | KCC District Office #4 - 2301 E. 13th Street, Hays, KS 67601-2651                      | Phone 785.261.6250 |

### General

Well ID 120714  
 Well Brad 1-12H  
 Company Sandridge  
 Operator - \* -  
 Lease Name Brad 1-12H  
 Elevation 1287.00 ft  
 Production Method Other  
 Dataset Description  
 Shot 3

Comment

### Surface Unit

Manufacturer - \* -  
 Unit Class Conventional  
 Unit API Number - \* -  
 Measured Stroke Length - \* - 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 16.00 ft

### Pump

Plunger Diameter - \* - in  
 Pump Intake Depth 4926.00 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 2338.5 psi (g)  
 Static BHP Method Acoustic  
 Static BHP Date 12/10/2019

Producing BHP - \* - psi (g)  
 Producing BHP Method - \* -  
 Producing BHP Date - \* -  
 Formation Depth 5178.00 ft

#### Surface Producing Pressures

Tubing Pressure - \* - psi (g)  
 Casing Pressure 205.7 psi (g)

#### Casing Pressure Buildup

Change in Pressure 0.0 psi  
 Over Change in Time 3.25 min

#### Production

Oil Production 0 BBL/D  
 Water Production 1 BBL/D  
 Gas Production - \* - Mscf/D  
 Production Date 03/26/2017

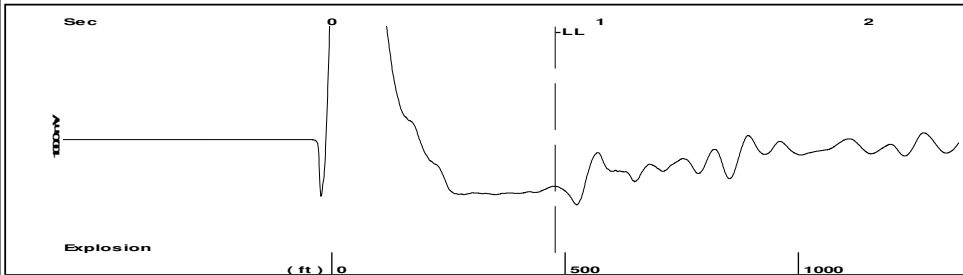
#### Temperatures

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

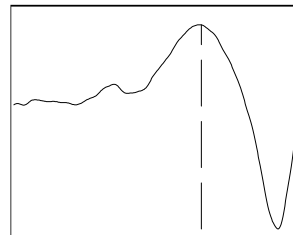
Group: 2019 Sandridge Grp 11 Well: Brad 1-12H (acquired on: 12/10/19 16:32:04)



Time 0.832 sec  
Joints 15.0915 Jts  
Depth 478.40 ft

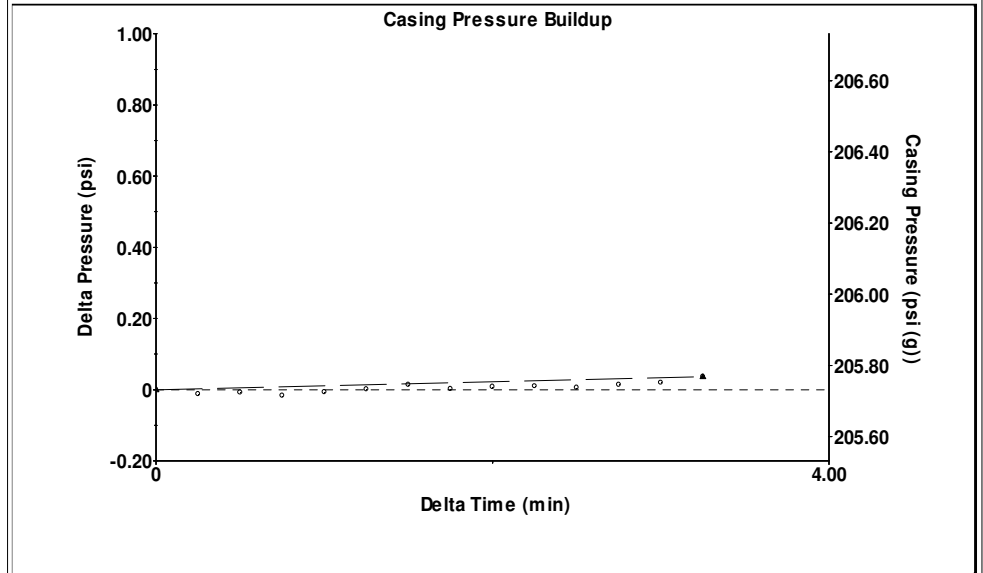
Liquid level calculated with user supplied Acoustic Velocity

Acoustic Velocity 1150 ft/s



**Analysis Method: Acoustic Velocity**

Group: 2019 Sandridge Grp 11 Well: Brad 1-12H (acquired on: 12/10/19 16:32:04)



Change in Pressure 0.04 psi PT16722  
Change in Time 3.25 min Range 0 - ? psi

Group: 2019 Sandridge Grp 11 Well: Brad 1-12H (acquired on: 12/10/19 16:32:04)

Production Current Potential  
Oil 0 - \* - BBL/D  
Water 1 - \* - BBL/D  
Gas - \* - - \* - Mscf/D

IPR Method Vogel  
PBHP/SBHP - \* -  
Production Efficiency 0.0

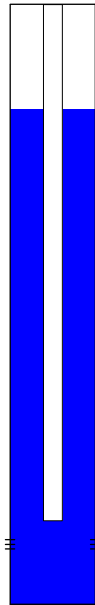
Oil 40 deg.API  
Water 1.05 Sp.Gr.H2O  
Gas 0.82 Sp.Gr.AIR

Acoustic Velocity 1150 ft/s

Casing Pressure 205.7 psi (g)  
Casing Pressure Buildup 0.0 psi  
3.25 min  
Gas/Liquid Interface Pressure 209.1 psi (g)

Liquid Level Depth 478.40 ft  
Water Column Height MD 4684 ft

Tubing Intake Depth 4926.00 ft  
Formation Depth 5178.00 ft



Static  
Oil Column Height MD 0 ft  
Water Column Height MD 4684 ft  
Static BHP 2338.5 psi (g)

Group: 2019 Sandridge Grp 11 Well: Brad 1-12H (acquired on: 12/10/19 16:32:04)

**Entered Acoustic Velocity for Liquid Level depth determination**

December 24, 2019

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

Re: Temporary Abandonment  
API 15-077-21795-01-00  
BRAD 1-12H  
SW/4 Sec.12-35S-08W  
Harper County, Kansas

Dear Diane Overbey:

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

**High Fluid Level**

Pursuant to K.A.R. 82-3-111, the well must be plugged, or returned to service, or obtain temporary abandonment status by 01/23/2020.

**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,  
Steve VanGieson  
KCC DISTRICT 2