



# 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 620.225.8888 |
|  | KCC District Office #2 / UPGS - 3450 N. Rock Road, Building 600, Suite 601, Wichita, KS 67226 | Phone 316.630.4000 |
|  | KCC District Office #3 - 1500 SW Seventh Steet, Chanute, KS 66720                             | Phone 620.432.2300 |
|  | KCC District Office #4 - 2301 E. 13th Street, Hays, KS 67601-2651                             | Phone 785.625.0550 |

**General**

Well ID Birchenough 3 FL 1  
 Well Birchenough 3 FL 1  
 Company Sandridge  
 Operator TJ Matzke  
 Lease Name Birchenough 3 FL 1  
 Elevation 0.00 ft  
 Production Method Rod Pump

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 2.000 in  
 Casing OD 5.500 in  
 Average Joint Length 31.000 ft  
 Anchor Depth - \* - ft  
 Kelly Bushing 0.00 ft

**Pump**

Plunger Diameter - \* - in  
 Pump Intake Depth 4420.00 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 - \* - psi (g)  
 Static BHP Method - \* -  
 Static BHP Date - \* -

Producing BHP 591.4 psi (g)  
 Producing BHP Method Acoustic  
 Producing BHP Date 10/09/2014  
 Formation Depth 4420.00 ft

**Surface Producing Pressures**

Tubing Pressure - \* - psi (g)  
 Casing Pressure 1.0 psi (g)

**Casing Pressure Buildup**

Change in Pressure -0.0 psi  
 Over Change in Time 1.50 min

**Production**

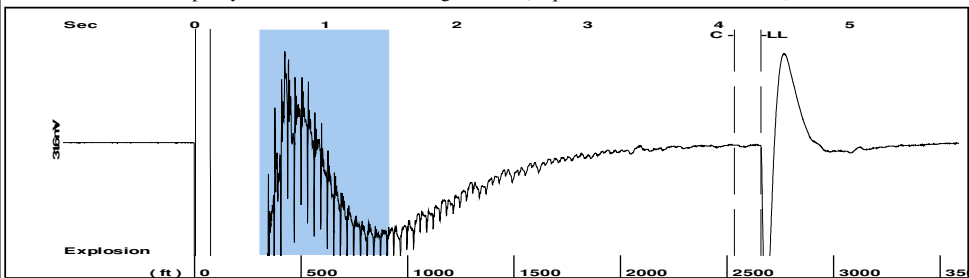
Oil Production - \* - BBL/D  
 Water Production - \* - BBL/D  
 Gas Production - \* - Mscf/D  
 Production Date - \* -

**Temperatures**

Surface Temperature 70 deg F  
 Bottomhole Temperature 150 deg F

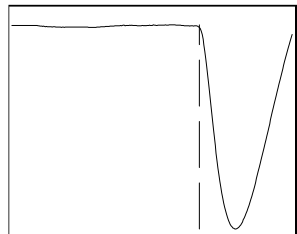
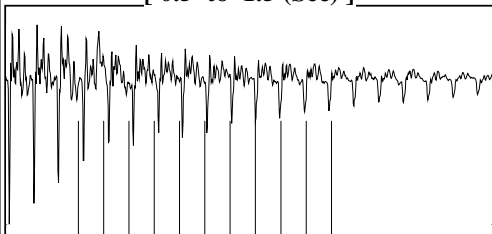
**Fluid Properties**

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

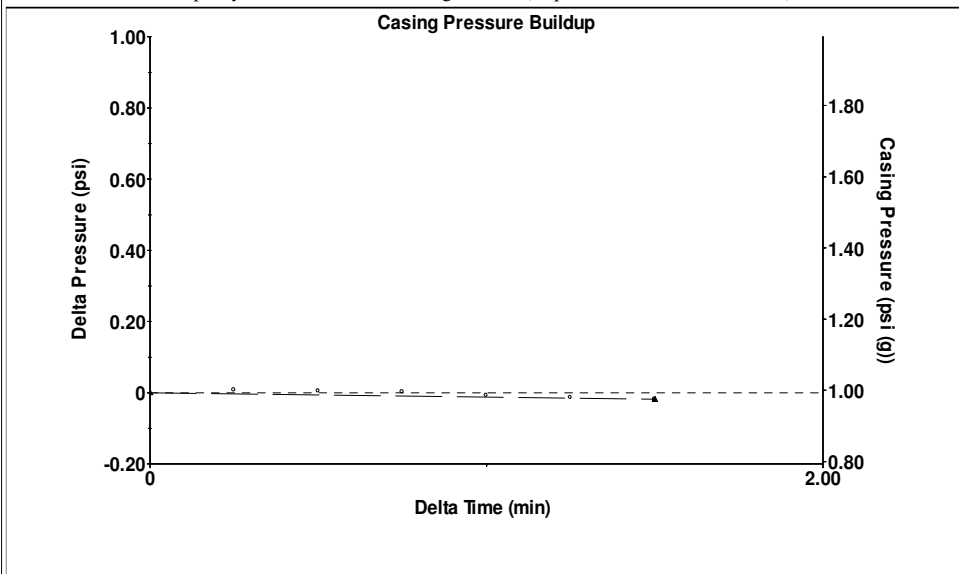


Filter Type High Pass Automatic Collar Count Yes Time 4.324 sec  
 Manual Acoustic Veloc 1192.31 ft/s Manual JTS/sec 19.2308 Joints 85.7578 Jts  
 Depth 2658.49 ft

[ 0.5 to 1.5 (Sec) ]

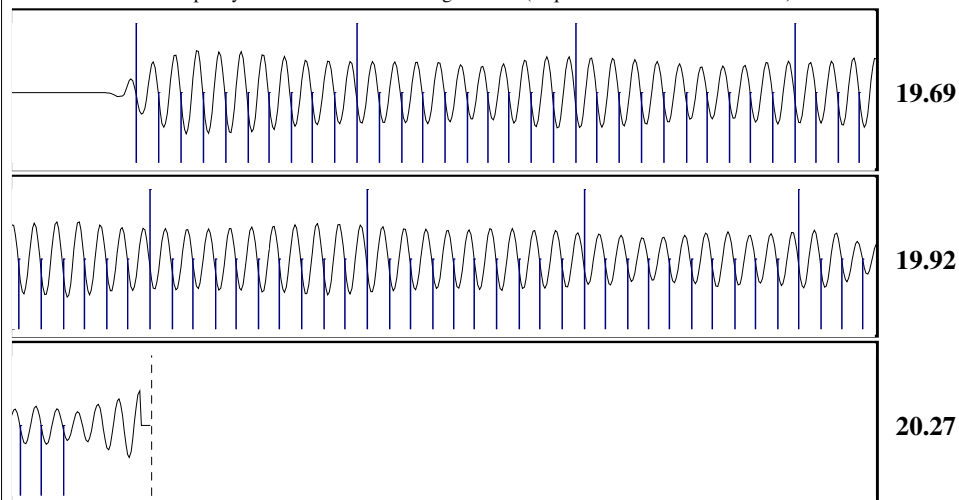


**Analysis Method: Automatic**



Change in Pressure -0.02 psi PT15216  
 Change in Time 1.50 min Range 0 - ? psi

|  |   |  |  |
|--|---|--|--|
| <p><b>Production</b></p> <p>Current Potential</p> <p>Oil - * - * - BBL/D</p> <p>Water - * - * - BBL/D</p> <p>Gas - * - * - Mscf/D</p> <p>IPR Method Vogel</p> <p>PBHP/SBHP - * -</p> <p>Production Efficiency 0.0</p> <p>Oil 40 deg.API</p> <p>Water 1.05 Sp.Gr.H2O</p> <p>Gas 0.76 Sp.Gr.AIR</p> <p>Acoustic Velocity 1229.65 ft/s</p> <p>Formation Submergence</p> <p>Total Gaseous Liquid Column HT (TVD) 1762 ft</p> <p>Equivalent Gas Free Liquid HT (TVD) 1762 ft</p> <p>Acoustic Test</p> | <p>Casing Pressure 1.0 psi (g)</p> <p>Casing Pressure Buildup -0.0 psi</p> <p>Gas/Liquid Interface Pressure 1.50 min</p> <p>Liquid Level Depth 2658.49 ft</p> <p>Pump Intake Depth 4420.00 ft</p> <p>Formation Depth 4420.00 ft</p> <p>Pump Intake 591.4 psi (g)</p> <p>Producing BHP 591.4 psi (g)</p> <p>Static BHP - * - psi (g)</p> | <p><b>Producing</b></p> <p>Annular Gas Flow 0 Mscf/D</p> <p>% Liquid 100 %</p> |  |
|--|---|--|--|



Acoustic Velocity 1229.65 ft/s Joints counted 76  
 Joints Per Second 19.833 jts/sec Joints to liquid level 85.7578  
 Depth to liquid level 2658.49 ft Filter Width 17.2308 21.2308  
 Automatic Collar Count Yes Time to 1st Collar 0.288 4.12

October 21, 2014

Tiffany Golay  
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 Tiffany Golay:

"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 10/21/2015.

- \* 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 10/21/2015.

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

Very truly yours,

Steve VanGieson"