

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

Schematic Well History

Culbreath Oil & Gas Co., Inc  
Muench #1-16

Updated: 1/30/2017

Date: 7/24/2014  
Prepared by: KB

Field (KGS): \_\_\_\_\_  
County: Logan State: KS  
API: 15-109-21074-00-00

Spot location: NE NE SW SE  
Footage from Section Line: 1240' FSL - 1430' FEL  
Sec: 16  
Twp: 17S  
Rge: 33W

COG Well #: \_\_\_\_\_  
KB: 3046  
GL: 3037  
Diff: 9

CASING

Size	Weight	Grade	Depth	Cement	Date Cmt'd	Comment
8 5/8	24#	J-55	264	200	7/11/2014	Circ'd by Consolidated
5 1/2	15.5#	J-55	4643	200	7/24/2014	Circ'd by Consolidated
<b>DV Tool</b>			2400			

DST'S

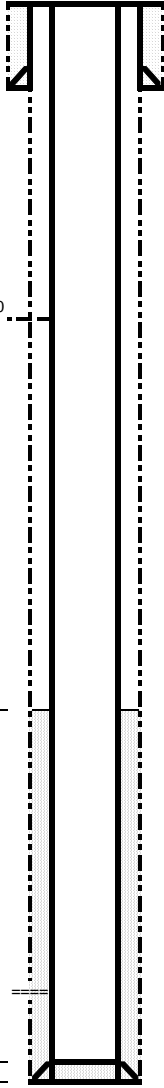
1) 4190'-4236' (LKC I Zone)	8' OSM (2% Oil)	FP 10-18/17-22; BHP1115-1095
2) 4255'-4303' (LKC K Zone)	189' MCW (74% SW), 103 HWCW (30% W)	FP 42-110/112-169; BHP1127-1089
3) 4296'-4343' (LKC L ZONE)	220' WCGCMO; 382' CO; 315' GIP	FP 18-128/137-247; BHP 1110-1096
4) 4394'-4556' (Marmaton)	275' SGCHMCO; 45' CO; 625' GIP	FP 32-72/75137; BHP 1233-1116
5) 4578'-4714' (Atoka)	84' SOCM	FP 17-32/36-43; BPH 987-57

PERFORATIONS

Formation	Top	Btm	SPF	# of holes	Date	Status
Basil Penn Sand	4664	4670	4	24		Nitrogen-gel acid frac
				0		
				0		

WELL HISTORY

1	7/11/14 - Spud at 1615, drill 266', run 8.625 cement, WOC
2	7/12/14 - Drilling ahead, 2090' @2330
3	7/13/14 - Drilling ahead 2655' @2330
4	7/14/14 - Drilling ahead 3020' @2330
5	7/15/14 - Drilling ahead 3468' @2345
6	7/16/14 - Drilling ahead 3814' @ 2415-TOH to change mud pump motor, TIH Ream down, CTCH
7	7/17/14 - Drilling ahead at 4200' @ 2400; CFS 4236, ST for DST #1
8	7/18/14 - Drilling ahead at 4303' @ 2315; CFS, 4303' make up tool, prep for DST #2
9	7/19/14 - Testing at 4343' @2145; trip out of hole with bit at 1:00 am. DST #3
10	7/20/14 - Drilling at 4514' @ 2400; CFS, ST 15 stands @0630
11	7/21/14 - Drilling at 4597' @2330, Break & lay down tool from DST #4, prep for CFS
12	7/22/14 - Testing, 4714, TIH for DST #5
13	7/23/14 - Preparing for Log at 4815 RTD; TOH for logs, rig up loggers, TIH with bit CTCH, come out laying down drill pipe.
14	7/24/14 - Preparing to run 5.5" production casing



8 5/8 @ 266'

DV Tool 2400

TOC - CBL:

2017-1-30; FL 4200' from surface

Basil Penn Sand 4664-4698

PBTD 4787  
5 1/2 @ 4809  
RTD 4815  
LTD 4810

# STATE OF KANSAS

CORPORATION COMMISSION  
CONSERVATION DIVISION  
DISTRICT No. 1  
210 E. FRONTVIEW, SUITE A  
DODGE CITY, KS 67801



PHONE: 620-682-7933  
<http://kcc.ks.gov/>

GOVERNOR JEFF COLYER, M.D.

SHARI FEIST ALBRECHT, CHAIR | JAY SCOTT EMLER, COMMISSIONER | DWIGHT D. KEEN, COMMISSIONER

May 08, 2018

Dillan Carney  
Culbreath Oil & Gas Company, Inc.  
3501 S YALE AVE  
TULSA, OK 74135-8014

Re: Temporary Abandonment  
API 15-171-21074-00-00  
MUENCH 1-16  
SE/4 Sec.16-17S-33W  
Scott County, Kansas

Dear Dillan Carney:

"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 05/08/2019.

- \* 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 05/08/2019.

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

Very truly yours,

Michael Maier"