

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form CP-1
March 2010

This Form must be Typed
Form must be Signed
All blanks must be Filled

WELL PLUGGING APPLICATION

Form KSONA-1, Certification of Compliance with the Kansas Surface Owner Notification Act,
MUST be submitted with this form.

OPERATOR: License #: _____
Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____
Contact Person: _____
Phone: (_____) _____

API No. 15 - _____
If pre 1967, supply original completion date: _____
Spot Description: _____
____ - ____ - ____ Sec. ____ Twp. ____ S. R. ____ East West
____ Feet from North / South Line of Section
____ Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: _____
Lease Name: _____ Well #: _____

Check One: Oil Well Gas Well OG D&A Cathodic Water Supply Well Other: _____
 SWD Permit #: _____ ENHR Permit #: _____ Gas Storage Permit #: _____

Conductor Casing Size: _____ Set at: _____ Cemented with: _____ Sacks
Surface Casing Size: _____ Set at: _____ Cemented with: _____ Sacks
Production Casing Size: _____ Set at: _____ Cemented with: _____ Sacks

List (ALL) Perforations and Bridge Plug Sets:

Elevation: _____ (G.L. / K.B.) T.D.: _____ PBTD: _____ Anhydrite Depth: _____
(Stone Corral Formation)

Condition of Well: Good Poor Junk in Hole Casing Leak at: _____
(Interval)

Proposed Method of Plugging (attach a separate page if additional space is needed):

Is Well Log attached to this application? Yes No Is ACO-1 filed? Yes No

If ACO-1 not filed, explain why:

Plugging of this Well will be done in accordance with K.S.A. 55-101 et. seq. and the Rules and Regulations of the State Corporation Commission

Company Representative authorized to supervise plugging operations: _____
Address: _____ City: _____ State: _____ Zip: _____ + _____
Phone: (_____) _____
Plugging Contractor License #: _____ Name: _____
Address 1: _____ Address 2: _____
City: _____ State: _____ Zip: _____ + _____
Phone: (_____) _____

Proposed Date of Plugging (if known): _____

Payment of the Plugging Fee (K.A.R. 82-3-118) will be guaranteed by Operator or Agent

Submitted Electronically

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form KSONA-1
January 2014
Form Must Be Typed
Form must be Signed
All blanks must be Filled

**CERTIFICATION OF COMPLIANCE WITH THE
KANSAS SURFACE OWNER NOTIFICATION ACT**

This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application). Any such form submitted without an accompanying Form KSONA-1 will be returned.

Select the corresponding form being filed: C-1 (Intent) CB-1 (Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)

OPERATOR: License # _____
Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____
Contact Person: _____
Phone: (_____) _____ Fax: (_____) _____
Email Address: _____

Well Location:
____ - ____ - ____ - ____ Sec. ____ Twp. ____ S. R. ____ East West
County: _____
Lease Name: _____ Well #: _____

If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:

Surface Owner Information:

Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____

When filing a Form T-1 involving multiple surface owners, attach an additional sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the county, and in the real estate property tax records of the county treasurer.

If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.

Select one of the following:

- I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.
- I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I must provide the name and address of the surface owner by filling out the top section of this form and that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form.

If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.

I Submitted Electronically

I

Form	CP1 - Well Plugging Application
Operator	Fossil Creek Energy, LLC
Well Name	HERBEL B 8
Doc ID	1575578

Perforations And Bridge Plug Sets

Perforation Top	Perforation Base	Formation	Bridge Plug Depth
2318	2323	Tarkio	
2627	2632	Topeka	
2824	2828	Plattsmouth	
2926	3052	LKC	

WELL BORE DIAGRAM

Date: 9/25/2019 GR

WELL Herbel B #8	FIELD Hall Gurney	CO/ST Russell County, KS
<input checked="" type="checkbox"/> PRESENT COMPLETION	<input type="checkbox"/> RECOMMENDED COMPLETION	API # 15-167-40355
PERMANENT WELL BORE DATA		DATA ON THIS COMPLETION

Spud: 3/6/1962
Completed: 4/10/1962

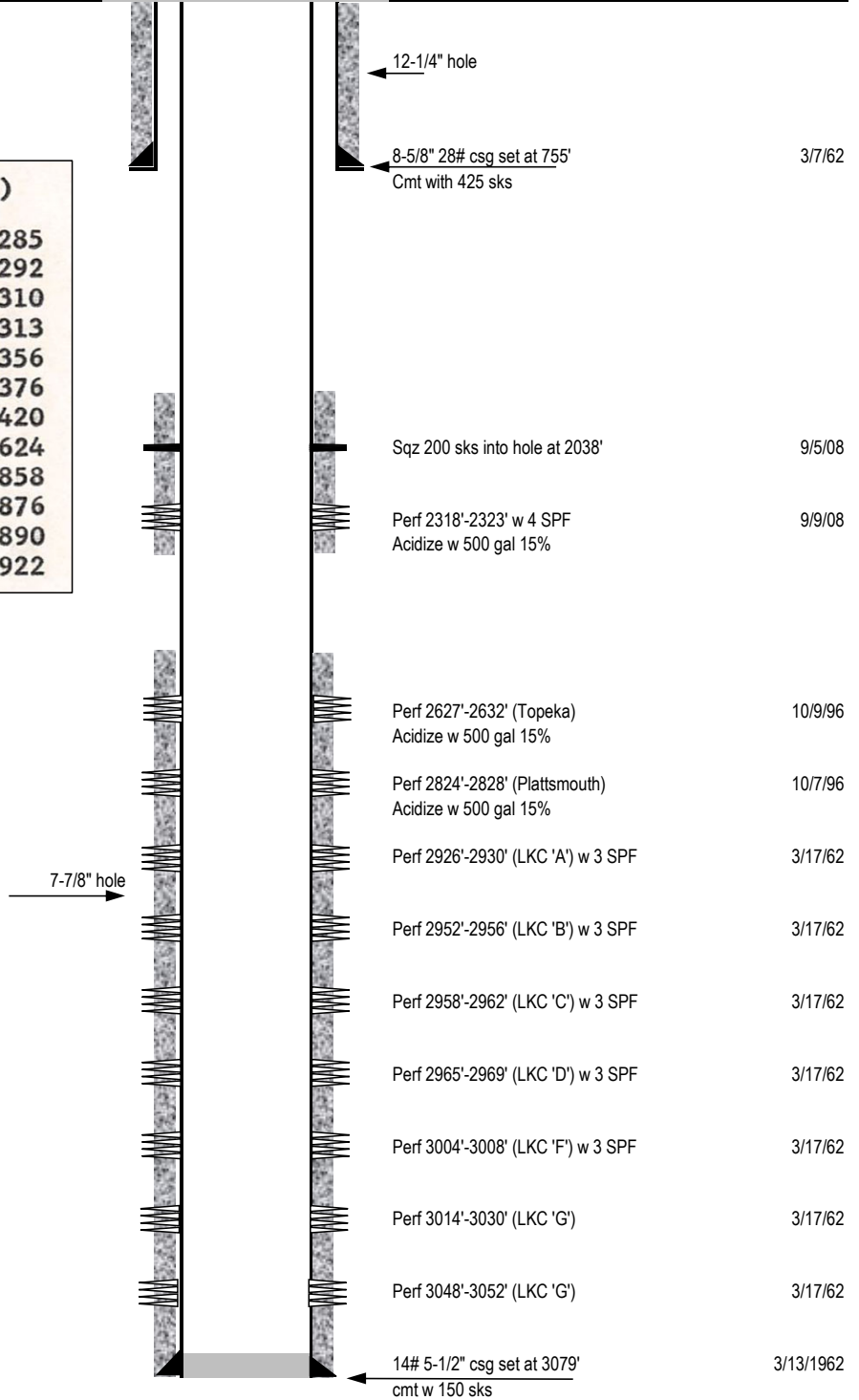
Elevation: 1774' DF
1777' KB

Geological Tops: (Log)	
Grandhaven	2285
Dry Shale	2292
Dover Limestone	2310
Langdon Shale	2313
Tarkio Limestone	2356
Willard Shale	2376
Elmont Limestone	2420
Topeka	2624
Heebner	2858
Toronto	2876
Douglas	2890
Lansing-Kan. City	2922

Rod design & pump
none

Tubing
none

PBTD: 3064'
TD: 3080'



**GEOLOGICAL REPORT
 AYLWARD DRILLING COMPANY
 HERBEL "B" NO. 8
 C E $\frac{1}{2}$ SE SW Sec. 26-14S-14W
 Russell County, Kansas
 Hall-Gurney Pool**

Contractor: Aylward Drilling Company - Rig #1
Commenced: March 6, 1962
Completed: March 13, 1962
Casing: 8 5/8" at 755' with 425 sacks
 5 1/2" at 3079' with 150 sacks
Elevation: 1772 D.F. - 1775 R.B.
Total Depth: 3080'

The #8 Herbel "B" was under geological supervision from 2250 to total depth. A one foot drilling time log was kept and samples were saved from 2250 to total depth. Formation tops and zones of porosity were determined by sample analysis and from the drilling time log, and are corrected to the gamma-neutron log run in the cased hole. All measurements are from rotary bushing elevation.

Formation Tops

<u>Formation</u>	<u>Tops</u>	<u>Datum</u>
Grandhaven	2285	- 510
Dry Shale	2292	- 517
Dover Limestone	2310	- 535
Langdon Shale	2313	- 538
Tarkio Limestone	2356	- 581
Willard Shale	2376	- 601
Elmont Limestone	2420	- 645
Topeka	2624	- 849
Heebner	2858	-1083
Toronto	2876	-1101
Douglas	2890	-1115
Lansing-Kansas City	2922	-1147

Sample Analysis

The following zones of interest were encountered in the Herbel "B" #8:

Langdon Shale (2nd Tarkio)

2318-23 Sandstone, fine grained, shaley, micaceous, fair porosity, good stain, some saturation.

Lansing-Kansas City

2922-34 Limestone, cream-tan, fine crystalline, poor porosity, slight stain.

Lansing-Kansas City (Cont'd)

- 2945-49 Limestone, tan, fine crystalline, poor porosity, very slight stain.
- 2952-56 Limestone, gray-tan, shaley, fair porosity, slight stain.
- 2958-69 Limestone, tan, fine crystalline, good oolitic porosity, good stain.
- 2996-3000 Limestone, cream, fine crystalline, scattered porosity, slight stain.
- 3003-08 Limestone, cream, fine crystalline, cherty, fair porosity, fair stain.
- 3012-32 Limestone, cream-gray, fine crystalline, good porosity, fair stain.
- 3045-50 Limestone, cream, fine crystalline, poor porosity, slight stain.

Structural Position

Below is a tabular comparison of the Herbel "B" #8 with nearby wells:

	Aylward Herbel "B" #8 <u>C E$\frac{1}{2}$ SE SW 26-14-14W</u>	Aylward Herbel "B" #7 <u>NW NE SW 26-14-14W</u>	Aylward Herbel "B" #2 <u>SW SE SW 26-14-14W</u>
Langdon Shale	- 538	- 548	- 540
Heebner	-1083	-1101	-1085
Lansing	-1147	-1166	-1150

Conclusions and Recommendations

Production casing was set at 3079. It is recommended that the above mentioned intervals in the Lansing-Kansas City and Langdon Shale (2nd Tarkio) be perforated and treated as necessary. When production from these horizons has been depleted the well should be abandoned.

Respectfully submitted,



 Charles D. Williams - Geologist

AYLWARD DRILLING COMPANY
HERBEL "B" NO. 8
C E½ SE SW Sec.26-14-14W
Russell County, Kansas

DRILLING TIME LOG

<u>Depth</u>	<u>TIME</u>	<u>Remarks</u>
2250-60	2 2 2 3 3 2 1 2 1 3	
70	2 1 1 3 2 2 2 1 2 2	
80	1 1 1 2 2 2 2 2 1 2	
90	2 1 2 1 1 1 3 3 3 2	
2300	2 3 3 1 2 1 2 2 1 1	
2300-10	1 2 1 1 2 1 1 1 2 2	
20	2 2 2 1 1 1 1 1 2 2	
30	1 1 2 1 1 ½ ½ 1 1 2	
40	1 1 2 1 1 1 1 1 1 2	
50	1 1 1 1 1 2 1 2 1 1	
60	1 1 1 1 2 2 2 2 2 4	
70	5 4 2 2 2 3 3 3 2 1	
80	2 2 2 2 2 1 1 1 1 2	
90	1 1 1 1 1 3 2 2 1 1	
2400	1 1 1 1 3 2 2 1 1 1	
2400-10	2 1 2 2 1 1 1 2 1 2	
20	2 5 2 1 2 1 2 1 1 2	
30	5 3 2 3 3 2 3 3 5 3	
40	3 2 3 3 3 4 1 1 1 2	
50	1 1 2 3 4 4 3 4 2 2	
60	2 2 2 5 5 2 2 2 1 2	
70	1 2 2 1 2 3 1 3 3 2	
80	3 2 3 2 3 2 1 2 1 2	
90	1 2 2 1 1 1 1 1 2 1	
2500	1 4 2 2 2 3 3 3 1 2	
2500-10	1 2 2 1 1 1 1 2 2 1	
20	1 2 2 1 ½ ½ 1 1 1 1	
30	1 1 1 2 3 1 1 1 1 1	
40	1 1 1 1 ½ ½ 2 2 1 1	
50	2 1 2 1 2 2 2 2 3 2	
60	3 2 2 3 2 2 2 2 3 2	
70	2 2 2 2 3 3 2 2 2 2	
80	2 2 2 2 2 2 2 2 2 2	
90	2 2 2 2 2 1 2 3 3 3	
2600	2 3 3 2 2 2 2 2 2 2	
2600-10	2 2 3 3 2 1 1 2 2 2	
20	1 2 2 1 2 1 2 2 1 2	
30	2 2 1 2 2 3 3 2 2 2	
40	2 2 3 2 3 4 3 2 3 3	
50	2 3 2 2 2 2 2 2 3 3	
60	4 3 3 3 4 3 3 4 4 4	
70	3 2 3 3 2 1 1 2 5 5	
80	6 6 5 5 5 5 5 6 7 6	
90	7 2 3 4 4 4 4 4 3 4	
2700	3 7 4 2 3 2 4 3 2 4	

Trip @ 2455

S.R. @ 2692

Drilling Time Log

Herbel "B" #8

<u>Depth</u>	<u>Time</u>	<u>Remarks</u>
2700-10	4 3 4 4 4 4 3 4 3 5	
20	4 3 2 5 5 2 3 3 2 1	
30	3 3 2 3 2 4 7 5 4 5	
40	3 3 2 3 2 5 5 4 4 3	
50	5 4 5 4 5 5 4 4 5 5	
60	5 4 4 4 4 3 4 4 7 5	
70	4 3 3 2 3 3 6 7 6 5	Serv. Rig @ 2770
80	5 5 4 4 2 3 9 6 4 5	
90	6 6 6 4 7 6 6 7 6 10	
2800	7 7 7 7 8 7 5 7 6 6	
2800-10	9 9 7 7 7 7 7 8 6 5	S.R. @ 2808-9
20	5 4 4 4 4 5 5 6 7 4	
30	3 4 3 3 3 2 3 2 3 3	
40	3 4 3 4 4 4 6 6 5 4	
50	4 6 6 8 6 7 6 6 7 4	
60	5 5 7 7 8 7 8 5 3 2	
70	2 7 11 9 4 4 4 4 5 5	
80	5 6 4 6 6 6 6 7 6 8	
90	6 6 8 7 7 8 8 5 5 5	
2900	4 4 4 3 4 4 3 3 3 3	
2900-10	3 3 3 2 2 2 2 3 3 2	
20	2 2 2 2 3 3 2 3 2 3	
30	3 5 6 8 8 8 7 7 9 8	
40	7 8 8 8 8 10 8 6 7 6	
50	6 5 5 7 5 8 6 6 7 10	Serv. Rig @ 2944
60	8 8 10 11 8 7 6 2 10 5	
70	3 3 3 1 4 2 3 4 3 4	
80	4 3 3 3 3 5 4 4 4 4	
90	4 4 5 5 4 4 4 3 5 5	
3000	5 4 3 3 3 4 5 4 5 7	
3000-10	6 6 6 4 4 4 6 6 7 6	
20	7 7 1 1 1 1 1 1 1 1	
30	1 1 1 1 1 1 3 2 2 1	
40	4 3 7 6 6 5 6 5 5 6	
50	7 8 7 9 6 7 7 5 6 7	
60	8 6 7 7 7 13 10 14 19 20	
70	18 10 10 15 26 13 6 7 9 12	
80	13 13 14 12 14 14 15 17 19 20	

June 04, 2021

Gavin Ramsay
Fossil Creek Energy, LLC
PO BOX 915
RUSSELL, KS 67665-0915

Re: Plugging Application
API 15-167-40355-00-00
HERBEL B 8
SW/4 Sec.26-14S-14W
Russell County, Kansas

Dear Gavin Ramsay:

The Conservation Division has received your Well Plugging Application (CP-1).

Under K.A.R. 82-3-113(b)(2), you must notify DISTRICT 4 of your proposed plugging plan at least 5 days before plugging the well. DISTRICT 4's phone number is (785) 261-6250. Failure to notify DISTRICT 4, or failure to file a Well Plugging Record (CP-4) after the well is plugged will result in a penalty recommendation.

Under K.A.R. 82-3-600, you must file an Application for Surface Pit (CDP-1) if you wish to use a workover pit while plugging the well. Failure to timely file a CDP-1, failure to timely remove fluids, or failure to timely file Closure of Surface Pit (CDP-4) or Waste Transfer (CDP-5) forms will result in a penalty recommendation.

This receipt does NOT constitute authorization to plug this well if you do not otherwise have the legal right to do so.

This receipt is VOID after December 01, 2021. If the well is not plugged by then, you will have to submit a new CP-1 if you wish to plug the well.

The December 01, 2021 deadline does NOT override any compliance deadline given to you by Legal, District, or other Commission Staff. Failure to comply with any given deadline will still result in the Commission assessing penalties, or taking other legal action.

Sincerely,
Production Department Supervisor

cc: DISTRICT 4