Notice: Fill out COMPLETELY and return to Conservation Division at the address below within 60 days from plugging date.

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL PLUGGING RECORD
K.A.R. 82-3-117

Form CP-4
March 2009
Type or Print on this Form
Form must be Signed
All blanks must be Filled

OPERATOR: License #: 33711
Name: B-C Steel LLC
Address 1: 209 N. Fry
Address 2:
City: Yates Center State: Ks Zip: 66783 +
Contact Person: Bert Carlson
Phone: (620) 485-6064
Type of Well: *(Check one)* ☐ Oil Well ~~☐ Gas Well~~ ☐ OG ☑ D&A ☐ Cathodic
☐ Water Supply Well ☐ Other: ☐ SWD Permit #:
☐ ENHR Permit #: ☐ Gas Storage Permit #:
Is ACO-1 filed? ☐ Yes ☑ No If not, is well log attached? ☑ Yes ☐ No
Producing Formation(s): List All *(If needed attach another sheet)*
none Depth to Top: Bottom: T.D.
Depth to Top: Bottom: T.D.
Depth to Top: Bottom: T.D.

API No. 15 - 035-24389-00-00
Spot Description:
NE NE SW Sec. 30 Twp. 31 S. R. 8 ☑ East ☐ West
1,650 Feet from ☑ North / ☐ South Line of Section
1,485 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☑ NW ☐ SE ☐ SW
County: Cowley
Lease Name: Fisher Family Trust Well #: 30-1
Date Well Completed: 3-9-11
The plugging proposal was approved on: 3-22-11 *(Date)*
by: Dwayne *(KCC District Agent's Name)*
Plugging Commenced: 3-25-11
Plugging Completed: 3-28-11

Show depth and thickness of all water, oil and gas formations.

Oil, Gas or Water Records		*Casing Record (Surface, Conductor & Production)*			
Formation	Content	Casing	Size	Setting Depth	Pulled Out
	water	surface	8 7/8	450	None

Describe in detail the manner in which the well is plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same depth placed from (bottom), to (top) for each plug set.

3-25-11 Fluid level 350' down. Spotted 10 sacks regular @ 500'.
3-28-11 Ran tubing to 480' Spotted 30 sacks 60-40 Paxmix, filled hole with drilling mud ran 60' tubing and circulated cement -30 sacks pozmix plug done @ 3:30 Pm.

Plugging Contractor License #: 5495 Name: McPherson Drilling Co.
Address 1: 15256 112th Road Address 2:
City: winfield State: Ks Zip: 67156 +
Phone: (620) 221-3560
Name of Party Responsible for Plugging Fees: B-C Steel LLC
State of Kansas County, Woodson , ss.
REX HOBANG *(Print Name)* ☑ Employee of Operator or ☐ Operator on above-described well,
being first duly sworn on oath, says: That I have knowledge of the facts statements, and matters herein contained, and the log of the above-described well is as filed, and the same are true and correct, so help me God.
Signature:

RECEIVED
APR 0 1 2011
KCC WICHITA

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Geological Report

Fisher Family Trust #30-1
NE, NE, SW Quarter, Sec. 30; T31S; R8E
1650' FNL; 1485' FWL
Cowley County, KS
API #15-035-24389-00-00

Operator:	B-C Steel, LLC., C/O Bert Carlson, 209 North Fry, Yates Center, KS, 66783.
Drilling Contractor:	Hat Drilling. Midway Mud Rotary Rig #2.
Wellsite Geologist:	Mark Brecheisen.
Dates Drilled:	March 6th, 2011 to March 9th, 2011.
Size Hole:	8 1/4"
Total Depth:	2350'
Elevation:	1389'
Drilling Fluid:	Freshwater bentonite and additives.
Surface Casing:	450' of 8-5/8" casing cemented with 135 sx of cement to surface.
Formation Tops:	Formation tops were picked from the electric logs.
Field Name:	Radcliff, Northeast.
Status:	Dry Hole.
Oil Shows:	Hertha Limestone @2182'-2188'.
Gas Shows:	Layton "B" Sandstone @1970'-2000', Swope Limestone @2145'-2150', Hertha Limestone @2182'-2188', Cleveland Sandstone @2274'-2282'.
Water Encountered:	No appreciable water encountered upon drilling.
On Location:	March 6th, 2011, 6:45 pm. Well Depth 450'; left location @ TD, Well Depth of 2350' @ 12:20 pm, March 9th, 2011.
Notes:	Well cuttings were examined at rig and discarded. Samples of "zones of interest" were saved and examined with a binocular microscope and black light.

Started drilling March 6th, 2011 @ 7:18 pm. Hit cement @380'- 70' of cement fill in surface casing. Reaming down to undrilled strata.

450'-1450': Samples were examined with a binocular microscope and black light for presence of hydrocarbons. The sum of all shows in this interval are as follows:

- 480'-490' Traces of oil stain on one limestone rock sample. Fast, even, fair, milky blue cut. Fair saturation. Limestone tight with no real inter-crystalline porosity observed. Traces of refined oil on few samples. Overall, trace of mottled to even medium, bright yellow hydrocarbon fluorescence. No petroliferous odor/show. No indication of gas.
- 730'-740' Limestone. Very faint light brown oil stain on few samples. Poor saturation. Fast, even, poor, milky blue cut. No visible oil show to tray after cut. Overall, less than three percent mottled to even variegated, yellow hydrocarbon fluorescence. No petroliferous odor/show. No gas indication on hot wire.
- 950'-960' Sandstone. Traces of dark brown oil stain on few sample surfaces. No saturation. Slow, uneven, poor, milky blue cut. Overall, Trace mottled, dull, yellow hydrocarbon fluorescence. No petroliferous odor/show. No indication of gas.

These three intervals were the only hydrocarbon shows, within this thousand foot interval.

1450'-1475': Shale, medium to medium dark gray, fairly hard, micaceous in part. Silty to sandy with some sandstone laminae present—light to medium gray, very fine grained, well-sorted, with sub-angular to sub-rounded grains. Fairly friable, argillaceous, no fluorescence, no petroliferous odor/show.

1475'-1498': Shale, medium to medium dark gray, silty, fairly hard, micaceous. Traces of sandstone present. No fluorescence.

1498'-1515': Sandstone, light to medium gray, very fine grained, well sorted, with sub-angular to sub-rounded grains. Hard, argillaceous, laminated in part. No fluorescence, no petroliferous odor/show.

Top of Iatan Limestone @1515'(-126'), top of the Pedee Group

1515'-1520': Limestone, pale yellowish brown to olive gray. Fine to medium crystalline, mottled, sucrosic in part. Fair to good friability. Poor to fair inter-crystalline porosity. Trace, very dull, brownish yellow mineral fluorescence. No petroliferous odor/show.

1520'-1577': Shale, medium gray with traces of red shale present. Silty to sandy. Calcareous in part. Pyritic in part. Few scattered sandstone laminae present. No fluorescence. No petroliferous odor/show.

1577'-1619': Stalnaker Sandstone, light to medium gray. Fine to coarse grained. Fair sorting with sub-rounded to well-rounded grains. Fairly hard, micaceous and glauconitic in part. Argillaceous in part. Broken samples appear wet. Traces of dark brown oil stain on few sample surfaces, no cut. Overall, No fluorescence. No petroliferous odor/show. No gas indication on hot wire.

1619'-1690': Shale, medium to medium dark gray, micaceous, silty to sandy with few scattered sand laminae present. Fine grained, friable, argillaceous in part. Traces of thinly inter-bedded limestone scattered throughout. Overall, no fluorescence. No petroliferous odor/show.

Top of Lansing Group @1690'(-301')

1690'-1698': Limestone, pale yellowish brown to olive gray, mottled, fine to medium crystalline. Fairly dense, hard, poor friability, fossiliferous. No visible staining. Fifteen percent even, very dull, yellow mineral fluorescence. No petroliferous odor/show.

1698'-1709': Shale, medium-dark to dark gray, with traces of black shale present. Silty in part. Calcareous in part. Carbonaceous in part. Traces of sandstone present—light gray, fine grained, no stain, no fluorescence, no petroliferous odor/show.

1709'-1719': Limestone, pale yellowish brown to light olive gray. Fine to medium crystalline. Fairly hard, slightly sucrosic, fossiliferous. No visible staining. Poor inter-crystalline porosity. 30% even, dull, brownish yellow mineral fluorescence. No petroliferous odor/show.

1719'-1788': Shale, medium-dark to dark gray, fairly soft, gritty micritic in part. Calcareous in part. Traces of inter-bedded limestone scattered throughout section—pale yellowish brown to olive gray, fine to medium crystalline, fossiliferous, hard sucrosic in part. Overall, trace of even, dull, brownish yellow mineral fluorescence. No staining on any samples. No petroliferous odor or show.

1788'-1832': Shale, medium dark gray, soft, greasy, silty in part. Traces of red shale present. Traces of limestone present—tan to light olive gray, mottled, fine crystalline, hard dense, no visible staining present, no fluorescence, no petroliferous odor/show.

1832'-1853': Limestone, olive gray, mottled, fine to coarse crystalline, very gritty appearance, hard, very fossiliferous, tight, few traces of visible inter-crystalline porosity. Shale present—dark gray, soft, greasy. Overall, no fluorescence, no petroliferous odor/show.

1853'-1920': Shale, medium to medium-dark gray with traces of red shale present, silty to sandy in part. Few traces of limestone scattered throughout. No fluorescence. No petroliferous odor/show.

1920'-1926': Limestone, olive gray, mottled, fine to coarse crystalline, hard, dense, no visible inter-crystalline porosity, no stain, no fluorescence.

1926'-1934': Shale, medium-dark gray, soft, greasy, no fluorescence. No petroliferous odor/show.

Top of Iola Limestone @1934'(-545')

1934'-1937': Limestone, pale yellowish brown to olive gray, fine to coarse crystalline, very hard, dense, slightly sucrosic, very gritty texture, fossiliferous. No visible oil stain

present. No visible inter-crystalline porosity present. No fluorescence, no petroliferous odor/show.

1937'-1948': Shale, medium dark gray, silty to sandy, calcareous in part.

1948'-1970': Layton "A" Sandstone, very light to medium gray, fine grained, fairly hard to hard, well sorted with sub-rounded to well-rounded grains, micaceous in part. Poor to fair inter-granular porosity, glauconitic. Pyritic in part. Laminated in part. Traces of limestone present. No fluorescence. No petroliferous odor/show. No indication of gas on hot wire.

1970'-2000': Layton "B" Sandstone, very light to medium gray, very fine grained, well sorted with sub-rounded to well-rounded grains. Upper part fairly hard and micaceous with bottom cleaner section possessing good to excellent friability. Good inter-granular porosity, micaceous and argillaceous in part. Traces of black bitumen on some samples. Traces of dead oil on many samples. Saturation very poor with no cut. Trace of medium dark gray shale scattered throughout. Overall, trace mottled to even, medium bright yellow mineral fluorescence. No petroliferous odor/show. A 3.5 unit gas kick was observed on the hot wire when drilling this interval.

2000'-2013': Shale, medium-dark gray, soft, greasy.

Top of Kansas City Limestone @2013'(-624')

2013'-2038': Limestone, dark yellowish brown to olive gray, fine crystalline, mottled, fossiliferous, poor to fair friability. No visible staining. Traces of shale and sandstone present towards base of interval. Overall, 10% mottled to even variegated yellow mineral fluorescence. No petroliferous odor/show.

2038'-2082': Shale, medium-dark gray, silty to sandy with thinly inter-bedded limestone scattered throughout. Scattered sandstone laminae present. 20% even, variegated, yellow mineral fluorescence. No petroliferous odor/show.

2082'-2130': Limestone, dark yellowish brown to olive gray, fine crystalline, mottled, soft to hard with poor to good inter-crystalline porosity, sucrosic in part, fossiliferous. Some select samples had traces of light brown oil stain ranging from pinpoint to mottled. Saturation very poor. Fairly fast, uneven, poor milky blue cut. Cut was achieved with wet acetone test. Few sandstone and shale partings present. Overall, five percent pinpoint to even, variegated, hydrocarbon and mineral fluorescence. No petroliferous odor, very poor show.

2130'-2142': Shale, medium-dark gray to black, slightly carbonaceous, calcareous in part, slightly sandy in part, no fluorescence.

2142'-2168': Limestone, dark yellowish brown to olive gray, fine crystalline, hard, dense, inter-bedded shale present. 2145' to 2150' interval had few samples of sandstone with some dark brown surface stain present, no saturation; very slow, uneven, milky blue cut. Overall, less than three percent mottled to even, variegated yellow mineral and hydrocarbon fluorescence. No petroliferous odor/show. This interval had a 22 unit gas kick when drilled through.

2168'-2176': Shale, dark gray to black, carbonaceous. Traces of thinly banded vitrain coal present. No fluorescence.

Top of the Hertha Limestone@2176'(-787')

2176'-2241': Limestone, pale yellowish brown, fine crystalline, fair to good friability, pinpoint to vugular porosity on few sample surfaces. A drilling break was encountered at 2182' to 2188' a description of the samples are as follows: samples with pinpoint and vugular porosity have light brown oil stain on surfaces, saturation fair, just not many individual rock samples have this pinpoint and vugular porosity with oil; underclay present and carrying petroliferous odor, also exhibited a good fluorescence. A 45 unit gas kick was observed after drilling this interval. Below the drilling break there were a few sporadic shows of mottled, dead oil stain on a few scattered samples. These would not cut unless a wet acetone test was performed—these samples exhibited no fluorescence. At the base of the Hertha a 79 unit gas kick was observed. This may have been a cumulative effect from the bottom two thirds of the Hertha, as it cannot be pinned down to any one interval. Overall, 20% even, bright yellow mineral and hydrocarbon fluorescence. Fair petroliferous odor and poor show.

2241'-2260': Shale, dark gray to black with traces of red shale present, very soft, greasy, carbonaceous in part. Traces of vitrain coal present. Calcareous in part. Sandy in part. No fluorescence. No petroliferous odor/show.

Top of Lenepah Limestone @2260'(-771')

2260'-2264': Limestone, dark yellowish brown, mottled, fine to medium crystalline, hard, dense, sucrosic, poor inter-crystalline porosity, 20% even, very dull brownish yellow mineral fluorescence. No petroliferous odor/show.

2264'-2268': Shale, medium-dark gray, soft, greasy.

2268'-2314': Cleveland Sandstone, very light to light gray, fair to very friable, clean to argillaceous, glauconitic, well-sorted with sub-angular to well-rounded grains. Few samples in the interval had dark brown oil stain on flat bedding plane surfaces. No saturation in rock samples. Trace of slow, uneven, poor milky blue cut. No residual show to tray after cut. Inter-bedded shale scattered throughout interval. A drilling break was encountered 2274' to 2282'. A 30 unit gas kick was observed after drilling this interval. This kick lessened and came back to its original kick several times all the way to TD.

2314'-2331': Shale, dark gray with traces of red shale present, soft, greasy, micritic in part, calcareous in part. No fluorescence.

Top of Altamont Limestone @2331'(-942')

2331'-2350': Limestone, pale yellowish-brown, fine crystalline, mottled, fairly hard, no visible inter-crystalline porosity, slightly sucrosic. Trace even, medium-brown mineral fluorescence. No petroliferous odor/show.

TD 2350' @ 12:20 pm, March 9th, 2011.

(Mark D. Brecheisen)

McPherson Drilling Co.
15256 112th Road
Winfield, KS 67156
620-221-3560

Bill McPherson
620-229-0216

Cement Record

Type: Plug Ticket No. 11283

Date: 3-29-11

Operator: BC Steel

Location: _____

Well name: 30-1 Fisher Family Trust

Cement with: 70 Sks

Notes: 3-25-11 Fluid level 350' down. Spotted 10 sks Regular @ 500', 3-28-11 Ran Tubing To ~~480~~ 480' Spotted 30 sks 60-40 Paxmix, Filled hole with drilling mud Ran 60' Tubing & Circulated cement - 30 sks 60-40 pozmix Plug Down @ 3:30 P.M.

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