



KANSAS CORPORATION COMMISSION 1064118
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33711
Name: B-C Steel, LLC
Address 1: 209 N FRY ST
Address 2: _____
City: YATES CENTER State: KS Zip: 66783 + 1280
Contact Person: Bert Carlson
Phone: (620) 625-2999
CONTRACTOR: License # 33734
Name: Hat Drilling LLC
Wellsite Geologist: Mark breicheisen
Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to ENHR Conv. to SWD

Conv. to GSW

Plug Back: _____ Plug Back Total Depth _____

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

ENHR Permit #: _____

GSW Permit #: _____

<u>07/11/2011</u>	<u>07/21/2011</u>	<u>8/5/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-035-24435-00-00

Spot Description: _____
E2 NE NW NE Sec. 17 Twp. 33 S. R. 6 East West
330 Feet from North / South Line of Section
1520 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Cowley
Lease Name: DARFUS STEWART Well #: 17-3
Field Name: Wilson

Producing Formation: Altamount
Elevation: Ground: 1330 Kelly Bushing: 1336
Total Depth: 3170 Plug Back Total Depth: 440
Amount of Surface Pipe Set and Cemented at: 466 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: _____
feet depth to: _____ w/ _____ sx crmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 220 ppm Fluid volume: 3000 bbls
Dewatering method used: Evaporated
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: Deanna Garrison Date: 10/14/2011



1064118

Operator Name: B-C Steel, LLC Lease Name: DARFUS STEWART Well #: 17-3
 Sec. 17 Twp. 33 S. R. 6 East West County: Cowley

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: gammy ray cement bond	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Altamount</td> <td>2734</td> <td>2740</td> </tr> <tr> <td>pawnee</td> <td>2734</td> <td>2798</td> </tr> <tr> <td>Mississippian</td> <td>3128</td> <td>3136</td> </tr> <tr> <td>Lexington</td> <td>2794</td> <td>2798</td> </tr> <tr> <td>lexington Coal & shale</td> <td>2810</td> <td>2813</td> </tr> <tr> <td>Mississippian</td> <td>3128</td> <td>3142</td> </tr> </table>	Name	Top	Datum	Altamount	2734	2740	pawnee	2734	2798	Mississippian	3128	3136	Lexington	2794	2798	lexington Coal & shale	2810	2813	Mississippian	3128	3142
Name	Top	Datum																				
Altamount	2734	2740																				
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lexington Coal & shale	2810	2813																				
Mississippian	3128	3142																				

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	9.5	8.625	36.00	466	pos mix	120	kol-seal
longstring	6.750	4.5	11.60	3169	thickset	100	kol-seal

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: <u>2 7/8</u> Set At: <u>3169</u> Packer At: <u>3169</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>8/15/2011</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
Estimated Production Per 24 Hours	Oil Bbbs. Gas Mcf Water Bbbs. Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
FAX 620/431-0012

INVOICE

Invoice # 242970

Invoice Date: 07/29/2011 Terms:

Page 1

B.C. STEEL GAS LLC
209 N. FRY
P.O. BOX 326
YATES CENTER KS 66783
(620) 625-2999

DARFUS STEWART 17-3
31406
17-33S-6E
07-26-11
KS

Part Number	Description	Qty	Unit Price	Total
1126A	THICK SET CEMENT	100.00	18.3000	1830.00
1110A	KOL SEAL (50# BAG)	500.00	.4400	220.00
1123	CITY WATER	5000.00	.0156	78.00
4404	4 1/2" RUBBER PLUG	1.00	45.0000	45.00

Description	Hours	Unit Price	Total
T-63 WATER TRANSPORT (CEMENT)	6.00	112.00	672.00
445 CEMENT PUMP	1.00	975.00	975.00
445 EQUIPMENT MILEAGE (ONE WAY)	70.00	4.00	280.00
611 TON MILEAGE DELIVERY	385.01	1.26	485.11

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 Parts: 2173.00 Freight: .00 Tax: 147.76 AR 4732.87
 Labor: .00 Misc: .00 Total: 4732.87
 Sublt: .00 Supplies: .00 Change: .00
 =====

Signed _____ Date _____

BARTLESVILLE, Ok 918/338-0808 ElDORADO, KS 318/322-7022 EUREKA, Ks 620/583-7664 GILLETTE, WY 307/686-4914 OAKLEY, KS 785/672-2227 OTTAWA, Ks 785/242-4044 THAYER, Ks 620/839-5269 WORLAND, WY 307/347-4577



CONSOLIDATED
Oil Well Services, LLC

ENTERED

TICKET NUMBER 31406

LOCATION Eureka, KS

FOREMAN Shannon Fek

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

CEMENT API # 15-035-24435

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-26-11	1152	Darfus Stewart 17-3	17	33S	6E	Cowley
CUSTOMER <u>B.C. Steel LLC</u>			Hat			
MAILING ADDRESS <u>209 N. Fry</u>			DRILL			
CITY <u>Yates Center</u>	STATE <u>KS</u>	ZIP CODE <u>66783</u>	TRUCK #	DRIVER	TRUCK #	DRIVER
			445	DAVE G		
			611	CHRIS B		
			452/1763	John G		

JOB TYPE Longstring HOLE SIZE 6 3/4" HOLE DEPTH 3170 CASING SIZE & WEIGHT 4 1/2" 10.50 x 11.60 miles
 CASING DEPTH 3169 DRILL PIPE --- TUBING --- OTHER ---
 SLURRY WEIGHT 13.6 SLURRY VOL 40 Bbl WATER gal/sk 9.0 CEMENT LEFT in CASING None
 DISPLACEMENT 50 DISPLACEMENT PSI 900-1300 MIX PSI 100-200 RATE 58PM

REMARKS: Rig up to 4 1/2" casing. Drilling Rig circulated hole & got all air out of hole. Did not want any water ran ahead of cement. Went straight to mixing. Mixed 100 SKS Thick set cement with 5# Kol-Seal/sk @ 13.5 gal/gallon. Shut down washed out pump & lines. Release plug displaced with 50 Bbl fresh water, with a final pumping pressure of 900 psi, bumped plug to 1300 psi wait two minutes release pressure. Plug held good circulation @ all times. Job complete

|| Thanks Shannon & crew ||

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	975.00	975.00
5406	70	MILEAGE	4.00	280.00
1126 A	100 SKS	Thick Set Cement	18.30	1830.00
1110 A	500#	Kol-Seal @ 5#/SK	.44	220.00
5407A	5.5 tons	Ton-mileage bulk truck	1.26	485.11
5501 C	6 Hours	Water Transport	112.00/Hour	672.00
1123	5000 Gallons	City Water	15.60/1000 gal	78.00
4404	1	4 1/2 Rubber Plug	45.00	45.00
			Sub total	4585.11
			6.8% SALES TAX	147.76
			ESTIMATED TOTAL	4732.87

Revin 3737

AUTHORIZATION [Signature]

242970

TITLE _____

DATE 7-26-11

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



McPherson Drilling Co.

Invoice

15256 112th Road
Winfield, Kansas 67156

Phone/Fax: 620-221-3560

Customer:
BC Management Services Corp.
1432 Nighthawk Rd
Yates Center, KS 66783

Date: 8/3/2011

Invoice No.: 20110803

Terms: Due on receipt

DESCRIPTION	QTY	RATE	AMOUNT
Lease name: Darfus-Stewart #17-2 TD: 466'; set 466' 8 5/8" casing	466	12.50	5,825.00
Cemented with 120 sx pos mix; pumped plug to 440'	1	3,000.00	3,000.00

Total \$8,825.00

Payments/Credits \$-6,000.00

Balance Due \$2,825.00

Thank you for your business!

Bill McPherson

CK# 8762 →
CK# 8773 →

If mailing payment please send to:

McPherson Drilling Co.
PO Box 41
Burden, KS 67019

Geological Report

Darfus Stewart #17-3
330' FNL: 1520' FEL
E1/2 NE NW NE
Cowley County, KS
API # 035-24435-00-00

Operator: B-C Steel, LLC., C/O Bert Carlson, 209 North Fry, Yates Center, KS.
66783. (License # 33734)

Drilling Contractor: Hat Drilling, Midway Mud Rotary Rig #2.

Wellsite Geologist: Mark Brecheisen.

Dates Drilled: July 18th, 2011 to July 21st, 2011.

Size Hole: 8 1/4"

Total Depth: 3170'

Elevation: 1336'

Drilling Fluid: Freshwater, bentonite and additives.

Surface Casing: 300' of 8-5/8" casing cement to surface.

Formation Tops: Formation tops were picked from cased- hole electric logs.

Field Name: Wilson

Status: Oil Well.

Oil Shows: Altamont Limestone @ 2734'-2740'.
Pawnee Limestone @ 2794'-2798'.
Mississippian Chert (Chat) @ 3128'-3136' & 3136'-3142'

Gas Shows: South Mound Shale @ 2594'-2597', 96 unit gas kick on hotwire.
Altamont Limestone @ 2734'-2740', 33 unit gas kick on hotwire.
Pawnee Limestone @ 2794'-2798', 73 unit gas kick on hotwire.
Lexington Coal & Shale @ 2810'-2813', 49 unit gas kick on hotwire.
Mississippian Chert (Chat) @ 3128'- 3142', 152 unit gas kick on hot wire.

Water Encountered: No appreciable water encountered upon drilling.

On Location: July 18th, 2011, 3:52 p.m. Left location @ TD, Well Depth of 3170' @
12:17 p.m., July 21st, 2011.

- 0' - 500': Samples not examined
- 500'-2200': Samples examined for oil content with binocular microscope and black light. No sample description recorded - no appreciable oil shows detected in this interval.
- 2200'-2228': Shale, medium dark to dark gray with red shale present. soft, greasy, silty in part. No fluorescence no petroliferous odor/show.
- 2228'-2291': Shale, medium dark gray with traces of red shale present, soft, silty to sandy with few scattered sandstone laminae present. Traces of inter-bedded limestone present pale brown, fine crystalline, fairly hard, fossiliferous. No fluorescence, no petroliferous odor/show.
- 2291'-2293': Limestone, olive gray, fine crystalline, hard, dense, slightly sucrosic, mottled, no visible porosity. No fluorescence, no petroliferous odor show.
- 2293'-2316': Shale, medium dark gray with traces of red shale present. Soft, greasy to silty/sandy. Sandstone laminae present - very light gray, very fine to fine grained, good sorting with sub-angular to sub-rounded grains, fairly friable. No fluorescence, no petroliferous odor/show.
- 2316'-2350': Shale with inter-bedded sandstone present. White to very light gray, extremely fine grained, well sorted with well rounded grains, extremely friable, very clean. Traces of limestone present. No fluorescence, no petroliferous odor/show.
- 2350'-2370': Layton "A" Sandstone, light to medium gray, very fine grained, well sorted with sub-angular to sub-rounded grains, extremely friable, no visible oil staining present. Traces of thin shale laminations present. No fluorescence, no petroliferous odor/show.
- 2370'-2397': Shale, medium to medium dark gray with red present. Traces of black shale present. No fluorescence, no petroliferous odor/show.
- 2397'-2437': Layton "B" Sandstone, light to medium gray, very fine grained, fair sorting with angular to sub-rounded grains, fairly friable, glauconitic, calcareous and argillaceous in part, micaceous in part. No visible oil staining present. Scattered shale laminae present, medium dark gray and red, soft, slightly silty. No fluorescence, no petroliferous odor/show.
- 2437'-2498': Shale, medium to medium dark gray with traces of red shale present. Soft and greasy to silty/sandy, micaceous in part, scattered sandstone laminae present.

Top of Kansas City Limestone @2498'(-1162')

- 2498'-2518': Limestone, grayish red to dark yellowish brown, fine crystalline, mottled, hard, dense, massive in part, no visible porosity present. No fluorescence, no petroliferous odor/show.
- 2518'-2548': Sandstone, light to medium light gray, very fine grained - well sorted - sub-angular to sub-rounded grains, fairly friable, glauconitic and micaceous in part, inter-bedded shale present. No fluorescence, no petroliferous odor/show.

2548'-2582': Limestone, dark to dusky yellowish brown, fine crystalline, mottled, very hard, dense, no visible porosity, sucrosic in part. Few scattered shale partings present. No fluorescence, no petroliferous odor/show.

2582'-2594': Shale, dark gray, soft, greasy.

2594'-2597': South Mound Shale, black, carbonaceous, very slight gaseous flash odor. A 96 unit gas kick was observed on the hotwire after drilling this interval.

2597'-2622': Shale, dark gray and red soft, greasy, calcareous in part. Few scattered limestone partings present.

2622'-2630': Limestone, dark to dusky yellowish brown, fine crystalline, mottled, very hard, dense, slightly sucrosic, no visible porosity. No fluorescence, no petroliferous odor/show.

2630'-2644': Shale, medium dark to dark gray with traces of black shale present, soft to fairly hard, fissile and carbonaceous in part.

Top of Lenapah Limestone @ 2644'(-1308')

2644'-2647': Limestone, dark yellowish brown to olive gray, fine crystalline, very hard, dense, sucrosic, no visible porosity present. Trace mottled, very dull yellow hydrocarbon fluorescence, poor saturation with only slight surface staining on some samples. Slow, uneven, very faint milky blue cut. Slight flash odor, very poor show.

2647'-2714': Shale, medium-dark to dark gray, soft to fairly hard, silty to sandy in part, micaceous in part. Sandstone laminae present - medium gray, very fine to fine grained, fairly well sorted with sub-angular grains, fairly hard, argillaceous. No fluorescence, no petroliferous odor/show.

Top of Altamont Limestone @ 2714'(-1378')

2714'-2761': Limestone, dark yellowish brown, fine crystalline, very hard, dense, sucrosic, fossiliferous. A drilling break was encountered from 2734'-2740'. A description of the rock samples within that interval is as follows:

- Select limestone samples had good, even light brown oil stain on their surfaces, saturation was even throughout inside of sample pieces. Good pinpoint and vugular porosity was exhibited on samples with oil saturation, 40% to 50% mottled to even, bright yellow hydrocarbon fluorescence. Samples produced an uneven, fairly fast, fair to good milky blue cut, good residual show to tray after cut when examined under black light but no visible oil show in white light. Wet acid test of rock samples produced a good residual oil show to dimple tray in white light.

A 33 unit gas kick was observed while drilling the overall interval

2761'-2786': Shale, medium to medium dark gray and red, soft, greasy. Traces of black shale and pyrite present. No fluorescence, no petroliferous odor/show.

Top of the Pawnee Limestone @ 2786' (-1450')

2786'-2810': Limestone, dark yellowish brown, fine crystalline, hard, dense, slightly sucrosic. A drilling break was encountered from 2794'-2798'. A description of that interval is as follows:

- Samples exhibit poor to good friability, many samples have good inter-crystalline porosity as well as visible pinpoint and vugular porosity on surface of individual rock samples. Light brown oil stain is even on many sample surfaces, saturation in these samples is good. Samples exhibited a fairly fast, uneven, good milky blue cut. Faint residual oil show to tray, in white light, after reagent cut as well as after wet acid cut. Samples overall showed a 30% mottled to even, bright yellow hydrocarbon fluorescence.

A 33 unit gas kick was observed on the hotwire while drilling this interval.

2810'-2813': Lexington shale and coal, black shale, carbonaceous. A 49 unit gas kick was observed, on the hotwire, after this interval was drilled.

2813'-2821': Shale, medium dark gray, fairly hard.

Top of the Fort Scott Limestone @ 2821' (-1485')

2821'-2840': Limestone, dark yellowish brown, fine crystalline, hard, sucrosic, no visible porosity observed. Slight surface oil stain on few rock samples. Samples exhibited a very slow, uneven poor milky blue cut. Overall 7% mottled to even, variegated yellow mineral and hydrocarbon fluorescence. No petroliferous odor/very poor show.

2840'-2847': Summit shale, dark gray to black, carbonaceous.

2847'-2852': Limestone, dark yellowish brown, fine crystalline, hard, dense, no visible porosity. No fluorescence, no petroliferous odor/show.

2852'-2856': Mulky shale, black, hard, carbonaceous

Top of the Cherokee Group @ 2856' (-1520')

2856'-2938': Shale, medium-dark gray, silty to sandy in part, micaceous in part, traces of dark gray and red shale present. Scattered traces of inter-bedded sandstone and limestone present. No fluorescence, no petroliferous odor/show.

Top of the Ardmore (Verdigris) Limestone @ 2938' (-1602')

2938'-2940': Limestone, dark yellowish brown, fine crystalline, very hard, dense, sucrosic, fossiliferous. Trace mottled to even, dull yellow mineral fluorescence, no petroliferous odor/show.

2940'-2945': Croweburg shale and coal, dark gray to black, carbonaceous, traces of vein coal present.

2945'-3027': Shale, medium dark gray and red, scattered traces of limestone, black shale and coal present. Few scattered sandstone laminae present. No fluorescence, no petroliferous odor/show.

3027'-3106': Shale, medium dark to dark gray, soft, greasy to silty/sandy. Traces of thinly banded vitrain coal present. Inter-bedded limestone present, few scattered sandstone laminae present. Overall no fluorescence, no petroliferous odor/show.

Top of the Mississippian @ 3106' (-1770')

3106'-3128': Shale (60%), medium dark to dark gray, soft, greasy. Chert (40%), pale yellowish brown, amorphous to almost crystalline in appearance, trace of tripolitic chert present, hard, no visible porosity, no oil staining observed. No fluorescence, no petroliferous odor/show.

3128'-3136': Chert (65%), many samples are tripolitic and have good vugular porosity - these samples exhibit an even to mottled, light brown oil stain on their surface. Light brown oil observed bleeding out of few select samples, slight show of oil to pit and rainbow sheen observed on samples taken directly out of shale shaker. Saturation is mottled to complete, samples exhibited an extremely fast, uneven, good milky blue cut, strong residual oil show to tray when observed under black light. Faint residual show to tray in white light. 25% to 30% mottled to even, bright yellow hydrocarbon fluorescence, strong petroliferous odor/ good show. This zone should be commercially productive for oil production.

3136'-3142': Shale (60%), medium dark gray and red; Chert (30%), 10% to 12% mottled to even, bright yellow hydrocarbon fluorescence, mottled to even light brown oil stain on tripolitic chert samples, saturation mottled to even. Samples exhibited a very fast, uneven, strong milky blue cut. Good residual oil show to tray after cut when observed under black light. Fair residual oil show to tray when observed in white light. Limestone (10%), olive gray, fine crystalline, fairly friable, sucrosic. At 3140', a gas kick of 152 units was observed on the hotwire - this kick was probably from previous interval and not this one. Continued to have a strong gas carry on the hotwire to TD after the initial gas kick.

3142'-3170': Limestone (50%), brown to olive gray, fine to medium crystalline, fairly hard, dense, few traces of pinpoint porosity. Shale (40%), medium dark gray, Dolomite (10%), olive gray, mottled, very hard, dense, slightly sucrosic. Chert (trace%), no oil staining present. No fluorescence, no petroliferous odor/show.

T.D. @ 3170' @ 12:17 pm, July 21st, 2011

INVOICE

HAT Drilling
 12371 ks Hwy 7
 Mound City, ks 66056

NO. 352

INVOICE DATE	7-26-11
CUSTOMER'S ORDER NO.	

SOLD TO: B.C. Steele
Darius-Stewart #17-3 T.D. 3190

SHIP TO:

SALESPERSON	SHIPPED VIA	SHIP DATE	TERMS	F.O.B.

QTY ORDERED	QTY SHIPPED	DESCRIPTION	UNIT	AMOUNT
	2850	6 3/4 h/c @ \$13.50/ft		\$38475.00
	73	hrs rig time @ \$275/hr		\$20075.00
	42	hrs water hauling @ \$105/hr		\$4410.00
				\$1260.00
				\$2000.00
				\$42960.00

PD UK # 8769