



RITCHIE

EXPLORATION, INC.
Wichita, Kansas

#1 Heier 13D

975' FSL & 1150' FEL

15' S & 160' W of NW SE SE Section 13-12S-29W

Gove County, Kansas

API# 15-063-22216-0000

Elevation: GL: 2784', KB: 2789'

Sample Tops			Ref. Well
Anhydrite	2295'	+494	-7
B/Anhydrite	2327'	+462	-3
Stotler	3537'	-748	+7
Heebner	3895'	-1106	+4
Toronto	3919'	-1130	+5
Lansing	3934'	-1145	+5
Muncie Shale	4072'	-1283	+6
Stark	4161'	-1372	+5
Hush	4190'	-1401	+4
BKC	4217'	-1428	+9
Altamont	4256'	-1467	+6
Pawnee	4335'	-1546	+5
Myrick	4375'	-1586	+7
Fort Scott	4412'	-1623	+8
Cherokee Shale	4438'	-1649	+8
Johnson	4478'	-1689	+10
B/Johnson	4493'	-1704	+7
Mississippian	4508'	-1719	+16
RTD	4640'	-1851	



CONSOLIDATED
Oil Well Services, LLC

2710 77

TICKET NUMBER 46552

LOCATION Oakley KS

FOREMAN Dane Retzlaff

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

FIELD TICKET & TREATMENT REPORT

CEMENT

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-13-14	7173	Har 13D #1	13	12	29	Grope
CUSTOMER			TRUCK #			
MAILING ADDRESS			DRIVER			
CITY			TRUCK #			
STATE			DRIVER			
ZIP CODE						

Ritchie

Grainfield South to ROV

399	Jordon		
397	Mike		

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH _____ CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE 4.5 TUBING _____ OTHER _____
 SLURRY WEIGHT 13.8 SLURRY VOL 1.42 WATER gal/sk 6.7 CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting. Rig up. Plug as ordered.

2300 50 SKS

1340 100 SKS

300 50 SKS

40 10 SKS

RH 30 SKS

Plug down at 8:45 AM

240 SKS 60/40 4% gel 1/4 Flo

Thanks Dane + crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1395.00	1395.00
5406	35	MILEAGE	5.25	183.75
5407A	10.32	Ton Mileage Delivery	1.75	632.10
1131	240 SKS	60/40 Poz Mix	15.86	3806.40
1118B	826	Bentonite	.27	223.02
1107	60	Flo Seal	2.97	178.20
4432	1	8 5/8 Wooden Plug	100.75	100.75
			Sub	6519.22
			less 10%	6519.22
			Total	5867.30

completed

SALES TAX 306.33
ESTIMATED TOTAL 6173.64

AUTHORIZATION Walt Brown TITLE Toolpusher DATE 9-13-14

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.



CONSOLIDATED
Oil Well Services, LLC.

270889

TICKET NUMBER 46719

LOCATION Oakley, KS

FOREMAN Dane Pletzloff

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

FIELD TICKET & TREATMENT REPORT

CEMENT

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
9-3-14	7173	Heire 135 #1	13	12	29	Polk	
CUSTOMER		Grainfield 5 FORDY West into		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS		Ritchie		399	Mike		
CITY		STATE	ZIP CODE	460	Rob		
					Bill		

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 251 CASING SIZE & WEIGHT 8 5/8 24 LBS
 CASING DEPTH 251 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.8 SLURRY VOL 1.36 WATER gal/sk 6.5 CEMENT LEFT in CASING 20
 DISPLACEMENT 14.7 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting. Rig up. W/O #8. Break circulation. Mix 180 sks of Class A
3% cc 2% gel. Displace 15 BPH. Wash up. Shut in.
Cement did circulate

Thanks Dane & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54019	1	PUMP CHARGE	1150.00	1150.00 ✓
5406	45	MILEAGE	5.25	236.25 ✓
5407A	8.46	Tow Mileage Delivery	1.75	666.22 ✓
11045	180 sks	Class A cement	18.55	3339.00 ✓
1162	507	Calcium Chloride	476.58 ✓ .94	477.14
1118A	338	Bentonite	91.26 ✓ .22	91.37
			5959.31 Sub	5959.78
			595.93 10%	595.99
			5363.38 Total	5363.99
			SALES TAX	277.78
			ESTIMATED TOTAL	5641.77 ✓

Ravin 3737

AUTHORIZATION [Signature] TITLE _____ DATE _____

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.

93-144 28280