



# RITCHIE

EXPLORATION, INC.  
Wichita, Kansas

## #1 Zerr 8C

450' FSL & 1705' FWL

115' N & 55' E of SW SE SW Section 8-11S-28W

Gove County, Kansas

API# 15-063-22224-0000

Elevation: GL: 2791', KB: 2799'

Sample Tops			Ref. Well
Anhydrite	2333'	+466	+12
B/Anhydrite	2369'	+430	+11
Stotler	3523'	-724	+1
Heebner	3875'	-1076	+5
Lansing	3910'	-1111	+8
Muncie Shale	4041'	-1242	+3
Stark Shale	4119'	-1320	+4
Hush	4143'	-1344	+5
Marmaton	4180'	-1381	+11
Altamont	4219'	-1420	+8
Pawnee	4287'	-1488	+7
Myrick	4329'	-1530	+8
Fort Scott	4376'	-1577	+10
Cherokee Shale	4404'	-1605	+8
Mississippian	4457'	-1658	+8
RTD	4600'	-1801	

*Zerr 8C1*  
**ALLIED OIL & GAS SERVICES, LLC** 064264

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
 SOUTHLAKE, TEXAS 76092

SERVICE POINT:

*Oakley*

DATE <i>10-9-14</i>	SEC <i>8</i>	TWP. <i>11</i>	RANGE <i>28</i>	CALLED OUT	ON LOCATION <i>3:30 PM</i>	JOB START <i>3:30 PM</i>	JOB FINISH <i>9:00 PM</i>
LEASE <i>Zerr 8C</i>	WELL# <i>1</i>	LOCATION <i>Grain Field E side 1/4s</i>			PROPERTY <i>Gore</i>	STATE <i>TX</i> PAR <i>KS</i>	
OLD OR NEW (Circle one)			<i>E into</i>				

CONTRACTOR *Discovery #1* OWNER *Same*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4* T.D. *263'* CEMENT

CASING SIZE *8 5/8* DEPTH *262.93'* AMOUNT ORDERED *200 sbs com 3% cc 2nd Time*

TUBING SIZE DEPTH *200 sbs com 3% cc 1/2 #40 seal 3rd Time*

DRILL PIPE DEPTH *used 150 sbs 3rd Time*

TOOL DEPTH

PRES. MAX MINIMUM COMMON *535 sbs* @ *17.90* *9576.50*

MEAS. LINE SHOE JOINT POZMIX @

CEMENT LEFT IN CSG. *15'* GEL *340#* @ *1.50* *178.50*

PERFS. CHLORIDE *1508#* @ *1.10* *1658.80*

DISPLACEMENT *151.29* ASC @

EQUIPMENT

*Flo seal 75#* @ *2.97* *222.75*

PUMP TRUCK CEMENTER *Andrew Forstner*

# *431* HELPER *Brandon Wilkinson* *Material total* @ *116.31*

BULK TRUCK DRIVER *Chris (TWS)*

# *323* DRIVER *Chris (TWS)*

BULK TRUCK DRIVER *Chris (TWS)*

# *818* HANDLING *6.2617 cu/ft* @ *2.48* *1554.21*

MILEAGE *2.25 mi/mile* *28.54701* *1569.70*

REMARKS:

TOTAL

*no circulation when started to mix cement  
 mix cement and displace 100% lift pressure  
 no circulation, cement did not circulate  
 mix 200 sbs com 3% cc from top, did  
 not fill up.  
 Fill to surface with 150 sbs com  
 3% cc with flo seal.*

*Thank you*

SERVICE

DEPTH OF JOB *262.93'*

PUMP TRUCK CHARGE *1512.25*

EXTRA FOOTAGE @

MILEAGE *20 miles* @ *7.70* *154.00*

MANIFOLD @

*Light vehicle* @ *4.90* *88.00*

@

*(915.63/20%)* TOTAL *4,878.16*

CHARGE TO: *Ritchie Exploration*

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

@

@

@

@

@

TOTAL

To: Allied Oil & Gas Services, LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME

SIGNATURE *[Signature]*

SALES TAX (if Any)

TOTAL CHARGES *16,509.71*

DISCOUNT *3,301.94 (20%)* PAID IN 30 DAYS

*13,207.76 Net*

*185  
 200  
 150  
 535 sbs  
 TWS  
 Used*

*17*

