



#1 Graul

2301' FSL & 1860' FWL

9' S & 120' W of N/2 NE SW Section 32-11S-22W

Trego County, Kansas

API# 15-195-22812-0000

Elevation: 2418' GL: 2426' KB

Sample Tops			Ref. Well
Anhydrite	1866'	+560	-8
B/Anhydrite	1908'	+518	-3
Topeka	3429'	-1003	-13
Oread A	3592'	-1166	-15
Heebner	3648'	-1222	-16
Toronto	3674'	-1248	-20
Lansing	3692'	-1266	-22
Muncie Shale	3820'	-1394	-19
Stark Shale	3887'	-1461	-20
BKC	3931'	-1505	-18
Marmaton	4020'	-1594	-24
Arbuckle	4111'	-1685	-24
RTD	4139'	-1713	

ALLIED OIL & GAS SERVICES, LLC 056533

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell KS

DATE <u>9-19-12</u>	SEC. <u>32</u>	TWP. <u>11</u>	RANGE <u>22</u>	CALLED OUT	ON LOCATION	JOB START <u>3:30 pm</u>	JOB FINISH <u>4:00 pm</u>
LEASE <u>Grant</u>	WELL # <u>1</u>	LOCATION <u>Wakeeney 4E 1/4 N E into</u>			COUNTY <u>Trego</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR WV 12

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. 4139

CASING SIZE DEPTH

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 DEPTH 4075

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 0

PERFS.

DISPLACEMENT

OWNER

CEMENT

AMOUNT ORDERED 230 60/40 42agcl 1/4 4Flt

COMMON	<u>140</u>	@ <u>17.90</u>	<u>2506.00</u>
POZMIX	<u>90</u>	@ <u>9.35</u>	<u>841.50</u>
GEL	<u>8</u>	@ <u>23.40</u>	<u>187.20</u>
CHLORIDE		@	
ASC		@	
Flt-seal	<u>2 50#</u>	@ <u>2.97</u>	<u>148.50</u>
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>246.66 ft³</u>	@ <u>2.48</u>	<u>611.72</u>
MILBAGE	<u>382.395 t/m</u>	<u>2.60</u>	<u>994.23</u>
			TOTAL <u>5289.15</u>

EQUIPMENT

PUMP TRUCK CEMENTER Robert Bob S

417 HELPER Woody O

BULK TRUCK

473 DRIVER Walter K

BULK TRUCK

DRIVER

REMARKS:

p1 25 @ 4075'

p2 25 @ 1887'

p3 100 @ 1047'

p4 40 @ 270'

p5 10 @ 40'

30 @ Rathole

CHARGE TO: Ritchie Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

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 Calvin Pham

SIGNATURE Calvin Pham

SERVICE

DEPTH OF JOB	<u>4075</u>	
PUMP TRUCK CHARGE	<u>1250.00</u>	
EXTRA FOOTAGE	@	
MILEAGE <u>37 HVMI</u>	@ <u>7.70</u>	<u>284.90</u>
MANIFOLD	@	
<u>37 LVMI</u>	@ <u>4.40</u>	<u>162.80</u>
	@	
TOTAL <u>1697.70</u>		

PLUG & FLOAT EQUIPMENT

Wooden <u>8 3/4</u> plug	@ <u>107.64</u>	<u>107.64</u>
	@	
	@	
	@	
	@	
TOTAL <u>107.64</u>		

SALES TAX (If Any) _____

TOTAL CHARGES 7094.49

DISCOUNT 1645.92 IF PAID IN 30 DAYS

BS 9-20

AR