



#1 Voran 16D
615' FSL & 2290' FEL
45' S & 20' E W/2 SW SE Section 16-25S-27W
Gray County, Kansas
API# 15-069-20374-00-00
Elevation: 2706' GL, 2717' KB

Sample Tops			Ref. Well
Anhydrite	1805'	+912	+8
B/Anhydrite	1821'	+896	+7
Stotler	3550'	-833	-1
Heebner	4110'	-1393	+9
Lansing	4183'	-1466	+17
Muncie Shale	4384'	-1667	-6
Stark Shale	4502'	-1785	+11
BKC	4582'	-1865	+18
Altamont	4640'	-1923	+21
Pawnee	4726'	-2009	+17
Myrick	4763'	-2046	+14
Fort Scott	4776'	-2059	+18
Cherokee Shale	4802'	-2085	+16
Atoka Shale	4878'	-2161	+15
Mississippian	4902'	-2185	+16
RTD	5160'	-2443	

ALLIED OIL & GAS SERVICES, LLC 053418

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Liberal ks.

Voran 160'

DATE <u>05-22-12</u>	SEC. <u>16</u>	TWP. <u>25S</u>	RANGE <u>27W.</u>	CALLED OUT	ON LOCATION	JOB START <u>2:00 Am</u>	JOB FINISH <u>3:00 Am</u>
LEASE <u>Voran</u>	WELL # <u>160 #1</u>	LOCATION <u>N. Cimarron ks.</u>			COUNTY <u>Gray</u>	STATE <u>ks.</u>	
OLD OR <u>(NEW)</u> (Circle one)							

CONTRACTOR _____ OWNER _____

TYPE OF JOB Conductor - Surface

HOLE SIZE 12 1/4 T.D. 355 feet

CASING SIZE 8 3/8 DEPTH 231 DEPTH 354.9 feet

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15.9 feet

PERFS. _____

DISPLACEMENT 21.600

CEMENT AMOUNT ORDERED 230 SK 3% CC,
2% GEL

COMMON	<u>230 SK 'A'</u>	@	<u>16.25</u>	<u>3737.50</u>
POZMIX		@		
GEL	<u>4</u>	@	<u>21.25</u>	<u>85.00</u>
CHLORIDE	<u>8</u>	@	<u>55.20</u>	<u>441.60</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>242 SK</u>	@	<u>2.25</u>	<u>544.50</u>
MILEAGE	<u>242 x 80</u>	@	<u>.11</u>	<u>2129.60</u>
				TOTAL <u>6962.20</u>

EQUIPMENT

PUMP TRUCK CEMENTER Ruben Chavez
5311541 HELPER Cesar Pavia

BULK TRUCK
5301554 DRIVER Vicente Torres

BULK TRUCK
_____ DRIVER _____

REMARKS:
Mix + pump 230sk and displaced / circulate cement to surface.

Thank you.

CHARGE TO: Ritchie Exploration.

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB 355 feet

PUMP TRUCK CHARGE 1177.25

EXTRA FOOTAGE @ _____

MILEAGE Heavy 80 @ 7.00 560.00

MANIFOLD @ _____

Light Veh. 80 @ 4.00 320.00

TOTAL 2057.25

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 Kelly Wilson

SIGNATURE Kelly Wilson

SALES TAX (If Any) _____

TOTAL CHARGES 9019.45

DISCOUNT _____ IF PAID IN 30 DAYS

ALLIED OIL & GAS SERVICES, LLC 053224

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
LIBERAL, KS

DATE <u>5/30/12</u>	SEC <u>16</u>	TWP. <u>25s</u>	RANGE <u>27w</u>	CALLED OUT	ON LOCATION <u>2:30am</u>	JOB START <u>7:30</u>	JOB FINISH <u>4:00</u>
LEASE <u>VORAN</u>	WELL # <u>1-16D</u>	LOCATION <u>N. Cimarron 15 to Rd M</u>			COUNTY <u>GRAY</u>	STATE <u>KS</u>	
OLD OR NEW (circle one)		<u>2E to Rd 21, 3N to Rd J 1/2 E N into</u>					

CONTRACTOR <u>Murkin Drilling #22</u>	OWNER <u>Richie Exploration</u>
TYPE OF JOB <u>Plug</u>	
HOLE SIZE <u>7 7/8</u>	T.D.
CASING SIZE <u>8 5/8</u>	DEPTH <u>353</u>
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH <u>1790</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>200' 240' 190' 60'</u>	
PERFS.	
DISPLACEMENT <u>2266L 1068L 2486L</u>	
EQUIPMENT	
PUMP TRUCK CEMENTER <u>Virgil N.</u>	
# <u>549/550</u> HELPER <u>Lenny B.</u>	
BULK TRUCK	
# <u>470/528</u> DRIVER <u>Daniel P.</u>	
BULK TRUCK	
#	DRIVER

CEMENT		
AMOUNT ORDERED <u>230 sk 60/40/4</u>		
<u>1/4" Flo-Seal</u>		
COMMON <u>Class A 138</u>	@ <u>16.25</u>	<u>2242.50</u>
POZMIX <u>92</u>	@ <u>8.50</u>	<u>782.00</u>
GEL <u>10</u>	@ <u>21.25</u>	<u>212.50</u>
CHLORIDE	@	
ASC	@	
<u>Flo-Seal 57.5</u>	@ <u>2.70</u>	<u>155.25</u>
	@	
	@	
	@	
	@	
	@	
HANDLING <u>230</u>	@ <u>2.25</u>	<u>517.50</u>
MILEAGE <u>11,500</u>	@ <u>0.11</u>	<u>1265.00</u>
		TOTAL <u>5774.75</u>

REMARKS:
Comp 1000 Water @ 1790' Mix & Pump 50 sk cement, Pump 2 1/2 hr water, Rig Pump 20 BBL mud @ 1000' Mix & Pump 100 sk cement, Pump 1000 Water @ 390' Mix & Pump 50 sk cement, Pump 2 1/2 hr water @ 60' Mix & Pump 20 sk cement - circulated cement, Mix & Pump 30 sk cement - filled Rat Hole, Mix & Pump 20 sk cement - filled Mouse Hole

CHARGE TO: Richie Exploration
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE		
DEPTH OF JOB <u>1790</u>		
PUMP TRUCK CHARGE <u>Plug</u>		<u>1250.00</u>
EXTRA FOOTAGE	@	
MILEAGE (H) <u>8100</u>	@ <u>7.00</u>	<u>700.00</u>
MANIFOLD	@	
Mileage (L) <u>100</u>	@ <u>4.00</u>	<u>400.00</u>
	@	
		TOTAL <u>2350.00</u>

PLUG & FLOAT EQUIPMENT

Thank You!!!

TOTAL 2

To: Allied Oil & Gas Services, LLC.
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SALES TAX (if Any) _____
 TOTAL CHARGES \$ 2524.75
 DISCOUNT \$ 609.80 IF PAID IN 30 DAYS

PRINTED NAME _____
 SIGNATURE Tom Jaska

[Signature]