



**#1 Nau-Habiger**

2897' FSL & 225' FWL

Irregular Section - Section 4-26S-22W

Ford County, Kansas

API# 15-057-20895-0000

Elevation: 2409' GL, 2421' KB

Sample Tops			Ref. Well
Anhydrite	1484'	+937	+3
B/Anhydrite	1514'	+907	+2
Stotler	3490'	-1069	-5
Heebner	4108'	-1687	-1
Lansing	4220'	-1799	-3
Muncie Shale	4402'	-1981	-5
Stark Shale	4501'	-2080	-6
Hush Shale	4564'	-2143	-6
BKC	4600'	-2179	-7
Altamont	4653'	-2232	-8
Pawnee	4728'	-2307	-7
Fort Scott	4757'	-2336	-4
Cherokee Shale	4775'	-2354	-2
Lower Cherokee Shale	4810'	-2389	-5
Huck	4841'	-2420	-5
Atoka	4855'	-2434	-7
Mississippian	4887'	-2466	-14
RTD	5000'	-2579	

# ALLIED OIL & GAS SERVICES, LLC 059323

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Great Bend

DATE <u>6-2-13</u>	SEC. <u>21</u>	TWP. <u>26S</u>	RANGE <u>22W</u>	CALLED OUT <u>8 PM</u>	ON LOCATION <u>10 PM</u>	JOB START <u>1:35 PM</u>	JOB FINISH <u>2 PM</u>
LEASE <u>New Helix</u> WELL # <u>1</u>			LOCATION <u>Spearville LS</u>		COUNTY <u>Ford</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>1/2 E 1/4 S E into</u>				

CONTRACTOR Southwind Drilling OWNER Ritchie Exploration  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 355  
 CASING SIZE 8 5/8 DEPTH 354.99  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX 500 MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 20'  
 CEMENT LEFT IN CSG. 1.272 bbls  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 21.31 bbls  
 EQUIPMENT \_\_\_\_\_  
 PUMP TRUCK # 597 CEMENTER Patrick Helgeson  
 HELPER Kevin Boldy  
 BULK TRUCK # 599 DRIVER Ben Newell  
 BULK TRUCK # \_\_\_\_\_ DRIVER \_\_\_\_\_

CEMENT AMOUNT ORDERED 225 Class A. 3% C.C. & 7% Gel

COMMON	<u>225</u>	@ <u>17.90</u>	<u>4,027.50</u>
POZMIX		@	
GEL	<u>4</u>	@ <u>23.40</u>	<u>93.60</u>
CHLORIDE	<u>8</u>	@ <u>64.00</u>	<u>512.00</u>
ASC		@	
HANDLING	<u>242.9</u>	@ <u>2.48</u>	<u>602.37</u>
MILEAGE	<u>11.09 x 45 x</u>	<u>2.60</u>	<u>1,297.50</u>
			TOTAL <u>6,533.98</u>

REMARKS:  
Pumped spacer - water 8 bbls  
Pumped cement 54 bbl @ 15.2 ppm  
Pumped 21.31 bbls displacement - water  
Shut in  
Circulated 20 bbls cement to surface

CHARGE TO: Ritchie Exploration  
 STREET 8100 E 22nd St N # 700  
 CITY Wichita STATE KS ZIP 67278

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE	<u>1512.30</u>		
EXTRA FOOTAGE	@		
MILEAGE	<u>Hum 45</u>	@ <u>7.70</u>	<u>346.50</u>
MANIFOLD	@		
	<u>Hum 45</u>	@ <u>4.40</u>	<u>198.00</u>
			TOTAL <u>2,056.75</u>

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 Sam Strass  
 SIGNATURE [Signature]

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 8,589.77  
1,717.95  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS  
6,871.81

[Signature]

# ALLIED OIL & GAS SERVICES, LLC 060483

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:  
Heart Road K

DATE <u>6-10-13</u>	SEC <u>4</u>	TWP. <u>26</u>	RANGE <u>22</u>	CALLED OUT <u>5:00 PM</u>	ON LOCATION <u>8:15 AM</u>	JOB START <u>9:30 AM</u>	JOB FINISH <u>12:00 AM</u>
LEASE <u>New Habiger</u>		WELL # <u>1</u>	LOCATION <u>Speawille 15, 12E, 2S, 5/3</u>		COUNTY <u>Ford</u>	STATE <u>TX</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Southwind 70 OWNER Same

TYPE OF JOB Plug  
 HOLE SIZE 7 7/8 T.D. 5000  
 CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE 4 1/2 DEPTH 1520  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_

CEMENT AMOUNT ORDERED 230, 60/40 470 net  
1/4 # flamed/ft

COMMON	<u>138</u>	@ <u>17.90</u>	<u>2,470.20</u>
POZMIX	<u>92</u>	@ <u>9.35</u>	<u>860.20</u>
GEL	<u>8</u>	@ <u>23.40</u>	<u>187.20</u>
CHLORIDE		@	
ASC		@	
<u>910 seal</u>	<u>58</u>	@ <u>2.97</u>	<u>172.26</u>
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>247.19</u>	@ <u>2.48</u>	<u>613.03</u>
MILEAGE	<u>10.31 x 45 X</u>	<u>2.60</u>	<u>1206.27</u>
			TOTAL <u>5,509.16</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER Tom Nicks  
 # 3106 HELPER Kevin Eddy  
 BULK TRUCK  
 # 344-112 DRIVER Charles Kempson  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

50 lbs at 1520'  
80 lbs at 870'  
50 lbs at 390'  
20 lbs at 60'  
30 lbs in Ballhole  
1 Shank

CHARGE TO: Pitcher  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**SERVICE**

DEPTH OF JOB	<u>1520'</u>		
PUMP TRUCK CHARGE		<u>2249.88</u>	
EXTRA FOOTAGE		@	
MILEAGE	<u>Hum 45</u>	@ <u>7.70</u>	<u>346.50</u>
MANIFOLD		@	
	<u>Hum 45</u>	@ <u>4.40</u>	<u>198.00</u>
		@	
			TOTAL <u>2,794.34</u>

**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 X SAM STAGGS  
 SIGNATURE X Sam Staggs

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 8,303.50  
 DISCOUNT 1,660.20 IF PAID IN 30 DAYS  
6,642.80