



**#1 Huseman 20B**

485' FNL & 1180' FWL

155' S & 140' W of N/2 N/2 NW Section 20-16S-31W

Scott County, Kansas

API# 15-171-20968-0000

Elevation: 2938' GL, 2946' KB

Sample Tops			Ref. Well
Anhydrite	2348'	+595	-9
B/Anhydrite	2368'	+575	-9
Stotler	3557'	-614	-10
Heebner	3936'	-993	-11
Lansing	3973'	-1030	-10
Muncie Shale	4144'	-1201	+1
Stark Shale	4239'	-1296	+3
Hush	4278'	-1335	+6
BKC	4320'	-1377	+4
Altamont	4368'	-1425	+6
Pawnee	4451'	-1508	+4
Fort Scott	4498'	-1555	+3
Cherokee Shale	4522'	-1579	+3
Johnson	4561'	-1618	+4
B/Johnson	4590'	-1647	+4
Morrow Sand	4604'	-1661	+8
Mississippian	4617'	-1674	+6
RTD	4770'	-1827	

# ALLIED OIL & GAS SERVICES, LLC 060217

Federal Tax I.D. # 20-8651476

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

SERVICE POINT:  
Daklay, KS

DATE <u>8-18-13</u>	SEC. <u>20</u>	TWP. <u>16</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION <u>7:30pm</u>	JOB START <u>7:30am</u>	JOB FINISH <u>7:00am</u>
LEASE <u>Hosenau 203</u>	WELL # <u>1</u>	LOCATION <u>Healy, Jof Hwy 4, SE,</u>		COUNTY <u>Scott</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one)			<u>4N, Winto</u>				

CONTRACTOR WCO #8  
 TYPE OF JOB PTA  
 HOLE SIZE 2 7/8 T.D. 4770'  
 CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE 4 1/2 DEPTH 2370'  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LBFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 26,59 Bbl  
 EQUIPMENT \_\_\_\_\_

PUMP TRUCK CEMENTER Latane E. Wente  
 # 423/281 HELPER Paul Beaver  
 BULK TRUCK DRIVER Elio Cano  
 # 396/306 DRIVER \_\_\_\_\_  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

OWNER Same  
 CEMENT AMOUNT ORDERED 280 sks @ 6.40  
490 gal 1/4" # flo seal  
 COMMON 168 sks @ 17.90 3002.20  
 POZMIX 112 sks @ 9.35 1047.20  
 GEL 60 sks @ 23.40 234.00  
 CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_  
 ASC \_\_\_\_\_ @ \_\_\_\_\_  
Flo seal 70# @ 2.97 202.90  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 HANDLING 300 72.573 @ 2.98 745.79  
 MILEAGE 12.56 hrs @ 4.50 56.52  
 TOTAL 6211.61

REMARKS:  
Mix 50 sks at 2370'  
Mix 30 sks at 1690'  
Mix 50 sks at 840'  
Mix 50 sks at 270'  
Mix 20 sks at 60'  
plug R/L 20 sks

SERVICE  
 DEPTH OF JOB 2370'  
 PUMP TRUCK CHARGE 2483.59  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE MLTD 45 @ 7.70 346.50  
 MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_  
MLTD 45 @ 4.40 198.00  
 \_\_\_\_\_ @ \_\_\_\_\_

CHARGE TO: Rafelie Exploration  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL 3622.09

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.

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 9,739.70  
 DISCOUNT 2240.13 IF PAID IN 30 DAYS  
7,499.56 Net.

PRINTED NAME Tim Detscher  
 SIGNATURE [Signature]

[Signature]

# ALLIED OIL & GAS SERVICES, LLC 061740

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Arrest Bend, La

HUSEMAN 20B-1

DATE <u>8-10-13</u>	SEC. <u>20</u>	TWP. <u>16</u>	RANGE <u>31</u>	CALLED OUT <u>7:00 PM</u>	ON LOCATION <u>9:00 PM</u>	JOB START <u>9:30 PM</u>	JOB FINISH <u>10:00 PM</u>
LEASE <u>HUSEMAN</u>		WELL # <u>20B #1</u>		LOCATION <u>Healy 7 West, 4 North</u>		COUNTY <u>Scott</u>	STATE <u>La</u>
OLD OR <u>NEW</u> (Circle one)				<u>West into</u>			

CONTRACTOR W W Dady

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 232

CASING SIZE 8 3/4 DEPTH 232

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15'

PERFS. \_\_\_\_\_

DISPLACEMENT 13 1/2

OWNER Same

CEMENT

AMOUNT ORDERED 165 lb class A

3% cc, 2% H<sub>2</sub>O

EQUIPMENT

PUMP TRUCK CEMENTER Tim Duchan

# 316 HELPER Ben Newell

BULK TRUCK

# 314-170 DRIVER Don Cooper

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON	<u>165</u>	@ <u>17.90</u>	<u>2,953.50</u>
POZMIX		@	
GEL	<u>3</u>	@ <u>23.40</u>	<u>70.20</u>
CHLORIDE	<u>6</u>	@ <u>64.00</u>	<u>384.00</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>178.24</u>	@ <u>2.48</u>	<u>442.03</u>
MILEAGE	<u>8.13 X 40X</u>	<u>2.60</u>	<u>845.52</u>
			<u>TOTAL 4,695.25</u>

REMARKS:

Ran 232' of 8 3/4" csg. Broke circulation

Mixed 165 lb class A 3% cc 2% H<sub>2</sub>O.

Displaced with H<sub>2</sub>O.

Cement did circulate.

SERVICE

DEPTH OF JOB	<u>232</u>		
PUMP TRUCK CHARGE		<u>1512.25</u>	
EXTRA FOOTAGE		@	
MILEAGE	<u>HUM 40</u>	@ <u>7.70</u>	<u>308.00</u>
MANIFOLD		@	
	<u>HUM 40</u>	@ <u>4.40</u>	<u>176.00</u>
		@	

CHARGE TO: Ritchie Exploration

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL 1,996.25

PLUG & FLOAT EQUIPMENT

_____	@ _____	
_____	@ _____	
_____	@ _____	
_____	@ _____	
_____	@ _____	
TOTAL _____		

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PRINTED NAME X Sed Dady

SIGNATURE X [Signature]

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 6,691.50

DISCOUNT 1,338.30 IF PAID IN 30 DAYS

5,353.20

R