

ALLIED OIL & GAS SERVICES, LLC 056061

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Russell KS

DATE <i>11-19-12</i>	SEC <i>7</i>	TWP <i>13</i>	RANGE <i>16</i>	CALLED OUT	ON LOCATION	JOB START <i>8:02</i>	JOB FINISH <i>8:30</i>
LEASE <i>MWE</i>	WELL# <i>1-7</i>	LOCATION <i>Hays, KS</i>	COUNTY <i>Hooker</i>	STATE <i>KS</i>			
OLD OR NEW (Circle one)		<i>1-70 of 185 BY PRES 1.5 North West-into</i>					

CONTRACTOR *Drilling HZ* OWNER *201*

TYPE OF JOB <i>Surface</i>	CEMENT
HOLE SIZE <i>12 1/4</i>	AMOUNT ORDERED <i>150sk C1A SC A</i>
CASING SIZE <i>8 7/8</i>	<i>31.00 21.00</i>
TUBING SIZE	
DRILL PIPE	
TOOL	
PRES. MAX	
MEAS. LINE	
CEMENT LEFT IN CSG. <i>15'</i>	
PERFS.	
DISPLACEMENT <i>13.22601</i>	

COMMON	<i>150 sk</i>	@ <i>17.90</i>	<i>2685.00</i>
POZMIX		@	
GEL	<i>3 sk</i>	@ <i>23.40</i>	<i>70.20</i>
CHLORIDE	<i>5 sk</i>	@ <i>64.00</i>	<i>320.00</i>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<i>162.07</i>	@ <i>2.93</i>	<i>474.97</i>
MILEAGE	<i>29.60</i>	@ <i>2.60</i>	<i>76.96</i>
			TOTAL <i>3551.15</i>

EQUIPMENT	
PUMP TRUCK	CEMENTER <i>Tony P. Fournelle</i>
# <i>409</i>	HELPER <i>Kevin R.</i>
BULK TRUCK	
# <i>412</i>	DRIVER <i>Damon D.</i>
BULK TRUCK	
#	DRIVER

REMARKS:

** Circled around to Surface.
* Pump 35.7902 cement.
* Displaced 13.22601 water brought
Cement to Surface.
* Shut back in -*

Alvin

CHARGE TO: *Deanna Nelson Co*
STREET _____
CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<i>222.62</i>	
PUMP TRUCK CHARGE		<i>1512.25</i>
EXTRA FOOTAGE	@	
MILEAGE <i>Heavy Duty 4 miles</i>	@ <i>7.70</i>	<i>154.00</i>
MANIFOLD <i>Light 4 miles</i>	@ <i>4.40</i>	<i>176.00</i>
	@	
	@	

TOTAL *11560.65*

PLUG & FLOAT EQUIPMENT

@	
@	
@	
@	
@	

TOTAL *11560.65*

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 *GARY N CASCHER*
SIGNATURE *Gary Cascher*

SALES TAX (If Any) *193.73*
TOTAL CHARGES *5114.89*
DISCOUNT *1432.14* IF PAID IN 30 DAYS
Net 3682.66 *BS 11-20*
before tax

JOB LOG

SWIFT Services, Inc.

DATE: 11-27-12 PAGE NO. 7

CUSTOMER: Downing & Nelson WELL NO. d1-7 LEASE: MWE JOB TYPE: 2-stage TICKET NO. 21974

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0450							0.9100 w/FE
								RTD 3889' LTD 3888' 5 1/2" x 19" x 3888' x 20' Cent. 4, 5, 7, 9, 11, 58 Bask 59 DV 59 @ 1460'
	0610							Start FE
	0835							Break Circ
	1005							
	0925	2.5	0					Plug R.H 30sks SMD
	0925	5	32/0			200		Start Preflushes ^{520 gal} 20 Bbl KCL Flush
		5	36			200		Start 15sks EA-2 Cement
	0935							End Cement wash P/L / Drop L.D. Plug
	0940	6	0			200		Start Displacement wtr-
	0950	6	60			200		mud
		5	74			250		catch Cement KCL Flush
	1000		94			650 / 1300		Land Plug Release pressure / Float Field Drop opening Plug
	1010					1100		Open DV
	1015	5	0			200		Start 170sks SMD Cement
	1035		94					End Cement Drop closing Plug
	1040	5	0			200		Start Displacement
		4	7			225		Circ. Cement
	1050		35			750 / 1500		Land Plug / Close DV Release Pressure DV closed
								Circ 50sks to pit
								Thank you Nick, David E., Flint