

Date 6-10-14 District MLKs Ticket No. 163196
 Company Qual Oil Gas Rig Duke 6
 Lease Selzer Well No. 1-8
 County Comanche State Ks
 Location V.C. Protection Ks Field 18 333 19w

CEMENT DATA:

Spacer Type: 10 BBL ASF
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 5 1/2 Type _____ Weight 15.5 Collar _____

LEAD: Pump Time _____ hrs. Type CLASS A Asc +
SH Kolseal + 5% FI 160 Excess _____

Amt. 200 Sks Yield 1.4 ft³/sk Density 14.1 PPG _____

TAIL: Pump Time Rat + mouse hrs. Type 60' 40' 4 1/2 Gal
 Excess _____

Amt. 50 Sks Yield 1.57 ft³/sk Density 14.5 PPG _____

WATER: Lead _____ gals/sk Tail _____ gals/sk Total 40.5 Bbls. _____

Casing Depths: Top _____ Bottom _____

Pump Trucks Used 558/545

Bulk Equip. 421/290

Drill Pipe: Size _____ Weight _____ Collars _____

Open Hole: Size 7 7/8 T.D. 6200 ft. P.B. to _____ ft.

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. 10238 Lin. ft./Bbl. 42:01

Open Holes: Bbls/Lin. ft. 10602 Lin. ft./Bbl. 16:5993

Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Annulus: Bbls/Lin. ft. 10309 Lin. ft./Bbl. 32:4065

Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Perforations: From _____ ft. to _____ ft. Amt. _____

Float Equip: Manufacturer _____

Shoe: Type Packer Shoe Depth _____

Float: Type _____ Depth _____

Centralizers: Quantity 10 Plugs Top LDP Btm. _____

Stage Collars _____

Special Equip. _____

Disp. Fluid Type Kel Water Amt. 130 Bbls. Weight _____ PPG _____

Mud Type WATIVE Weight _____ PPG _____

COMPANY REPRESENTATIVE _____

CEMENTER Jake Heard

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
4:30A						On location safety meeting Run float equip. Run casing Circ in rig Drop Ball Hook up Heard manifold Circ Ball through / seen act on P Test
		2500				
		200		10		4 Pump spacer
		140		50		4 Mix 1 pump cmt
						Stop wash pump lines
						Release plug
10:00A		220		96		4.5 Displace
		700		120		4.5 Seal off
		900-1600		136		3 Slow rate
						3 Bump plug
						Release pressure
						Float D. clnt hold
						Put 600 psi on plug / shut in
						Rat Hole
						Mouse hole

ALLIED OIL & GAS SERVICES, LLC 063196

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Medicine Lodge KS

DATE <u>6-10-14</u>	SEC. <u>18</u>	TWP. <u>33S</u>	RANGE <u>19W</u>	CALLED OUT	ON LOCATION <u>4:45A</u>	JOB START	JOB FINISH
LEASE <u>Selzer</u>		WELL # <u>1-8</u>		LOCATION <u>Protection KS 3.5 E to</u>		COUNTY <u>Comanche</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)				<u>Green Gates 5 into</u>			

CONTRACTOR Duke Co
 TYPE OF JOB Production
 HOLE SIZE 7 7/8 T.D. 6200
 CASING SIZE 5 1/2 15.5# DEPTH 5449
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 44
 CEMENT LEFT IN CSG. 44
 PERFS. _____
 DISPLACEMENT 130 BBL Kcl water

OWNER Qual Oil Gas
 CEMENT
 AMOUNT ORDERED 200SX Class A ASC1
S# Kalsol 1.57 FL100
50SX 60' 40' 4' GGI

COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 ASC _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING _____ @ _____
 MILEAGE _____

EQUIPMENT

PUMP TRUCK CEMENTER Jake Heard
 # 558/545 HELPER Justin Bower
 BULK TRUCK
 # 421/290 DRIVER Ken Jack
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

TOTAL _____

SERVICE

DEPTH OF JOB 5449
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE _____ @ _____
 MANIFOLD 1 Hand _____ @ _____
 _____ @ _____
 _____ @ _____

TOTAL _____

CHARGE TO: Qual Oil Gas
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

Weatherford Centralizers 10 @ _____
Weatherford LD Plug 1 @ _____
Weatherford Basket 1 @ _____
Weatherford Pocky Shoe @ _____
 _____ @ _____

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or

5 1/2