

Date 5-9-14 District Co. Hedges Ticket No. 062068
 Company TCKRAN Rig _____
 Lease Smith Well No. 1
 County _____ State KO
 Location 30-9-21 Field _____

CEMENT DATA:
 Spacer Type: Water
 Amt. 380 Skys Yield 1.91 ft³/sk Density 14.2 PPG
22000 100/10 psc 46601

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 2 7/8 Type wood Weight 6.4# Collar _____

LEAD: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

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

Casing Depths: Top _____ Bottom _____

Pump Trucks Used 422
 Bulk Equip. 818

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ T.D. 3800 ft. P.B. to _____ ft.

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
Annulus Bbls/Lin. ft. _____ Lin. ft./Bbl. 0.0054
 Perforations: From _____ ft. to _____ ft. Amt. _____

Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____

Special Equip. _____
 Disp. Fluid Type Water Amt. _____ Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE Tom DeLeon

CEMENTER _____

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
						hold saddlewood up
					3 bbl	establish a blow
					22 bbl	mix 11sk 9c1
					12 bbl	mix 25sk @ 3800
					10 bbl	displace water
					16 bbl	mix 100sk @ 1950ft
					4 bbl	displace water
					16 bbl	mix 100sk to surface
					6 bbl	toped hole with 36 sks
					1.5	40sk @ 200 psc Annulus
						wash up pump pb loss

FINAL DISP. PRESS: _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs. THANK YOU

ALLIED OIL & GAS SERVICES, LLC 062068

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Oakmyfs

DATE <u>5-9-14</u>	SEC. <u>20</u>	TWP. <u>9</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION <u>11 am</u>	JOB START	JOB FINISH
LEASE <u>Smith</u>	WELL# <u>1</u>	LOCATION <u>Wacoency N to Rd H</u>			COUNTY <u>Graham</u>	STATE <u>TX</u>	
<input checked="" type="radio"/> OLD OR NEW (Circle one)		<u>W 15 m. N into</u>					

CONTRACTOR Express
 TYPE OF JOB PTA
 HOLE SIZE 5 1/2 T.D. 3890
 CASING SIZE _____ DEPTH _____
 TUBING SIZE 2 7/8 DEPTH 3860
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

EQUIPMENT

PUMP TRUCK CEMENTER Talon Jones
 # 422 HELPER Wayne
 BULK TRUCK _____
 # 818 DRIVER Adam
 BULK TRUCK _____
 # _____ DRIVER _____

REMARKS:
Mix 11 sks Gel
filled w/ by 25 sks cement displaced
w/ water to 3860 ft
Mix 100 sks @ 1950 ft
Mix 100 sks @ surface
taped the hole 36 AS
40 sks @ 200 ps. Anulus

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

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 _____
 SIGNATURE Tom Jones

OWNER Same

CEMENT
 AMOUNT ORDERED 350 sks 60/40,002
41 Gel
11 sks Gel

COMMON	<u>210</u>	@	<u>17.50</u>	<u>3750.00</u>
POZMIX	<u>140</u>	@	<u>9.35</u>	<u>1309.00</u>
GEL	<u>20</u>	@	<u>23.40</u>	<u>538.20</u>
CHLORIDE		@		
ASC		@		
	<u>4 sks cottonseed hulls</u>	@	<u>35.00</u>	<u>140.00</u>
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>20 cutt</u>	@	<u>248</u>	<u>917.60</u>
MILEAGE	<u>15.65 hr @ 17.50</u>	@	<u>2.60</u>	<u>3051.75</u>

TOTAL _____

SERVICE

DEPTH OF JOB 3890 ft
 PUMP TRUCK CHARGE 1250.00
 EXTRA FOOTAGE @ _____
 MILEAGE 16.4 hr @ 25 m. @ 2.70
 MANIFOLD @ _____
6.4 hr @ 25 m. @ 4.40
 @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

@ _____
 @ _____
 @ _____
 @ _____
 @ _____

TOTAL _____

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS