ALLIED CEMENTING CO., INC.

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 TWP. SEC. RANGE CALLED OUT JOB FINISH ON LOCATION JOB START 5:00 4 COUNTY 1-10H LOCATION OLD OR (VEW) (Circle one) CONTRACTOR OWNER TYPE OF JOB Conducter HOLE SIZE 3 CEMENT T.D. 100 AMOUNT ORDERED 375 CASING SIZE 20" DEPTH TUBING SIZE DEPTH DRILL PIPE DEPTH TOOL DEPTH PRES. MAX MINIMUM COMMON MEAS. LINE POZMIX SHOE JOINT CEMENT LEFT IN CSG GEL @ CHLORIDE -DISPLACEMENT ASC @ @ EQUIPMENT @ @ PUMP TRUCK CEMENTER @ #531/54/ HELPER @ **BULK TRUCK** @ #457-25/ BULK TRUCK DRIVER @ @ DRIVER HANDLING . MILEAGE Sy ho REMARKS: SERVICE DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE 35 @7 MANIFOLD \_ @ TUE! mi @4 CHARGE TO: STREET STATE\_ PLUG & FLOAT EQUIPMENT AFE #12-0139 @ @ To Allied Comming Co., Inc.

Foundation of the comming Co., Inc.

Foundation of the comming of the contractor of the contractor of the contractor of the contractor of the contractor. I have read & understand the "TERMS AND CONDITIONS" Listed on the reverse side. @ @ @ TOTAL JUN TAX.

SIGNATURE

-12-0139 AFEH

TOTAL CHARGE -

DISCOUNT

PRINTED NAME

IF PAID IN 30 DAYS



## Daily Drilling Report

11/19/2012 2:49 PM

Well Informatio	n								
				AFE Number 12-0139			Report Date 6/14/2012		
Country USA	State KS			Field Buttermilk East		Lease 200' FSL 660' F		:WL/SW SW	
API / IPO UWI Comanche				Orig KB Elev (ft)		Ground Elevation (ft) 1838.0		KB-GRD (ft) -1838.0	
Qtr/Qtr, Block, Sec, Town, Range ,10,34S,18W						Spud Date 8/27/2012		Rig Release Da 9/16/2012	
Daily Operation	ıs		A						
mule shoe cut on t	bottom, RIH T/ nsco for fresh w	104'. P/U 16" vater. Mix and	welded mouse Pump 375 sks	hole w/ 2" line p	pipe welded to side w/	mule shoe cut on botte	ctor pipe with 2" line pipe om. RIH T/ 73'. MIRU A face on both conductor	Allied cementers	
e4 Hr Forecast Load up rig move t Called KCC talked	to: Jack Mc Ca		our spud notice	e on the Einsel #	‡ 1 SWD & 1-8H				
Operations At Report Tir Wait on Daylight	me								
			Cum Daily Tota \$57357.00	I (cost)	ter, and a determinant person in the contract of the contract	er versig der eine der versigen versig der versigen der versigen der versigen der versigen der versigen der ver	Total AFE (Cost) \$0.00		
Daily Contacts			A second						
Vellsite Supervisor lay Lewis				Supervisor Phone 570-560-2611					
Time Log	76								
Mud Checks									
/ре		Depth (ftKB)		Source	Density (lb/gal)	Funnel Viscosity (s/qt)	Filtrate (mL/30min)		
THP Filtrate (ml(30min)		Mud Lost Hole (bbl)		Mud Lost (Surf) (bbl)		PV(cp)	YP (lbf/100ft²)	рН	
ris 6rpm	Lime (lb/bbl)	Gel 30 min (lbf/		100ft²)	Gel 30 min (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)		
Calcium (mg/L)	Ca CL (wt%)	Solids (%)	LGS (%)	Sand (%)	Percent Oil (%)	Oil Water Ratio	Electric Stab (V)	MBT (lb/bbl)	
Bit Record									
BHA									
	4								
Orilling Parameters tart Depth (ffKB)		End Depth (ftKB)		Cum Depth Drilled (ft)		Total ROP (ft/hr)	Drilling Torque		
lotor RPM (rpm)	RPM (rpm)	QGas Inj (ft³/mi	in)	Drilling Time (hr)		NaN Rotating Time (hr)	Circulation Time (hr)		
tum Drilling Time (hr)		SPP (psi)		Flow Rate (gpm)		TFA (incl Noz) (in²)	Weight on Bit (lbf) String Wt (lbf)		
Pump Operation	ns								
Hydraulic Data									
Survey Data	· · · · · · · · · · · · · · · · · · ·								