



INVOICE

DATE	INVOICE #
9/20/2012	3444

BILL TO
TUG HILL OPERATING 550 BAILEY AVE, SUITE 510 FORT WORTH, TX 76107

RÉMIT TO
EDGE SERVICES, INC. PO BOX 14201 OKLAHOMA CITY, OK 73113

COUNTY	STARTING D...	WORK ORDER	RIG NUMBER	LEASE NAME	Terms
COMANCHE	9/20/2012	2794	PATTERSON 421	BEARDON TRUST 1-17 H	Due on rec...

Description			
DRILLED 100' OF 30" CONDUCTOR HOLE DRILLED 8' OF 76" HOLE FURNISHED AND SET 8' X 6' TINHORN CELLAR FURNISHED 100' OF 20" CONDUCTOR PIPE FURNISHED 1 LOAD(S) MUD FURNISHED WELDER AND MATERIALS DRILLED MOUSE HOLE FURNISHED 73' OF 14" CONDUCTOR PIPE TOTAL BID \$:			
<i>AFE 17-0136 830.09</i> <i>5 Sellers [Signature] 9/25/12</i>			
<table border="1"> <tr> <td>Sales Tax (6.3%)</td> <td>\$295.20</td> </tr> </table>		Sales Tax (6.3%)	\$295.20
Sales Tax (6.3%)	\$295.20		

Thank you for your business.	TOTAL \$20,295.20
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Phone: 580-254-3216
 Fax: 580-254-3279
 P.O. Box 609
 Woodward, OK 73802

INV # 34444
 2794

WORK ORDER #

		DATE OF ORDER:	9-18-12
RIG#: 421	Patterson	STARTING DATE:	9-20-12
COMPANY NAME:	Tughill	ORDER TAKEN BY:	Kemmy
LEASE NAME:	Beardon Truck 1-17H	ORDER BY:	
LEGAL DESCRIPTION:	Comanche - KS	PHONE #:	

DIRECTIONS: Coldwater Airport, 6E on CR1 to CR 19, S on 19, # 19 Deadends on loc.

Face Rig		N	E	S	W	Pipe	Fuel - Rig:
Rat Hole						Note	Fuel - Vehicle:
Mouse Hole 14"-73"						Cement	Credit Card Expenses:
Conductor 20"						Mud Truck	
Cellar 8x6						Pump Truck	
Tin Horn						Welding	

RF 100

Stake to Pit edge Must be 50'

- Drilled 100' of 30" Conductor Hole
- Drilled 8' of 76" Hole & Set 8" x 6" Tinhorn Cellar
- Furnished Backhoe _____
- Furnished 100' of 20" Conductor Pipe _____
- . Furnished Shucks _____ Rat _____ Mouse
- Furnished Mud, Water, & Trucking
- Furnished Welder & Materials
- Furnished Grout
- Furnished Grout Pump
- Drilled Rat & Mouse Holes
- Furnish 73' of 14" Conductor Pipe for Mousehole

TOTAL BID \$20,000.00

STATE SALES TAX _____ %
 COUNTY SALES TAX _____ %
 INSURANCE SURCHARGE _____
 FUEL SURCHARGE _____
 TOTAL INVOICE _____

Well Starting: Bearden Trust 1-17H

Well Ending: Bearden Trust 1-17H

[View Report](#)

Report Date Starting: 8/10/2012 12:00:00 AM

Report Date Ending: 12/29/2012 12:00:00 AM

AFEList: 12-0136



Daily Drilling Report

5/7/2013 12:50 PM

Well Information

Well	Bearden Trust 1-17H	AFE Number	12-0136	Report Date	9/21/2012
Country	USA	County	Comanche	Lease	200' FNL 660' FWL/NW NW
API / IPO UWI	Comanche	Orig KB Elev (ft)		Ground Elevation (ft)	1881.0
Qtr/Qtr, Block, Sec, Town, Range	,17,33S,17W			KB-GRD (ft)	-1881.0
				Spud Date	10/24/2012
				Field	Unknow n
				Rig Release Date	11/15/2012

Daily Operations

24 Hour Summary
 MI RU Edge Rat Hole, drilled TD @ 100ft set 20" pipe and cemented hole to surface. 160 sacks, bbls: 33.3, Wt: 15.6 @ 4 bbls per min rate.

24 Hr Forecast
 Drill and set mouse hole,

Operations At Report Time
 Reporting

Daily Total (Cost)	\$27,774.00	Cum Daily Total (cost)	\$27,774.00	Total AFE (Cost)	\$0.00	Hole Condition	
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Daily Contacts

Wellsite Supervisor	Fred Cheek	Supervisor Phone	501-681-4467
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Time Log

Mud Checks

Type	Depth (ftKB)	Source	Density (lb/gal)	Funnel Viscosity (s/qt)	Filtrate (mL/30min)	
HTHP Filtrate (ml/30min)	Mud Lost Hole (bbl)	Mud Lost (Surf) (bbl)	PV(cp)	YP (lb/100ft ²)	pH	
Vis 6rpm	Lime (lb/bbl)	Gel 30 min (lb/100ft ²)	Gel 30 min (lb/100ft ²)	Gel 10 sec (lb/100ft ²)	Gel 10 min (lb/100ft ²)	
Calcium (mg/L)	Ca CL (wt%)	Solids (%)	LGS (%)	Sand (%)	Percent Oil (%)	
				Oil Water Ratio	Electric Stab (V)	MBT (lb/bbl)

Bit Record

BHA

Drilling Parameters

Start Depth (ftKB)	End Depth (ftKB)	Cum Depth Drilled (ft)	Total ROP (ft/hr)	Drilling Torque
		0	#Error	
Motor RPM (rpm)	RPM (rpm)	QGas Inj (ft ³ /min)	Drilling Time (hr)	Rotating Time (hr)
			0.00	
Cum Drilling Time (hr)	SPP (psi)	Flow Rate (gpm)	TFA (incl Noz) (in ²)	Weight on Bit (lbf)
0.00		0.00		String Wt (lbf)

Pump Operations

Hydraulic Data

Survey Data