INVOICE



DATE	INVOICE #
12/31/2013	4468

BILL TO

SANDRIDGE ENERGY, INC. AFIN: PURCHÁSING MANAGER 123 ROBERT'S KERR AVENUF OKLAHOMA CITY, OK. 23102 REMIT TO

EDGE SERVICES, INC. PO BOX 609 WOODWARD, OK 73802

COUNTY	STARTING D	WORK ORDER	RIG NUMBER	LEASE NAME	Terms
KIOWA, KS	12/31/2013	3423	TOMCAT 4	ROSE 2820 1-1	Due on rec

Description

DRILLED 40' OF 30" CONDUCTOR HOLE FURNISHED 40' OF 20" CONDUCTOR PIPE FURNISHED 5 YARDS OF GRADE A CEMENT DRILL RAT AND MOUSE HOLES

RE-DRILL RAT AND MOUSE HOLES FOR TOMCAT 3

FOTAL BID \$9,800.00

AFE Number:

Well Name:

POSE 28

Code:_

0:030

Amount:_

843-80

Co. Man:_

HW FORTUNE

Co. Man Sig.(

Notes:_

Sales Tax (7.3%)

\$43.80

TOTAL

\$9,843.80



SandRidge Energy Rose #2820 1-1 surface Kiowa County, KS.

2.0 Job Summary

2.1 Job Log

Time	Pressure	es PSI		mped Data		
AM /PM	Drill Pipe /Casing	Annulus	Total Fluid	Pumped per Period	Rate Bbls/Min	Remarks
						Held Safety Meeting
						Rig Up
						Pre-Job Safety Meeting
						Finish Rig Up
9:00am	3000		4 bbl		.25	Pressure Test Lines
9:03am	200		10 bbl		5	Pump Spacer
9:05am	200		127 bbl		5	Mix & Pump Lead Cement (380 sacks)
9:30am	200		46 bbl		5	Mix & Pump Tail Cement (215 sacks)
						Cement in stop pumps + release plug
9:40am	150				5	Start fresh water displacement
9:55am	550		80 bbl		3	Slow rate @ 80 Bbls out
10:55am	1200		91 bbl		3	Bump plug @ 91 bbls out
						Release pressure + float held
						п
			1			
			-			
			-			



SandRidge Energy Rose #2820 1-1 Rotary plug Kiowa County, KS.

2.0 Job Summary

2.1 Job Log

Time	Pressure		Fluid Pu	ımped Data		
AM /PM	Drill Pipe /Casing	Annulus	Total Fluid	Pumped per Period	Rate Bbls/Min	Remarks
8:30am						Held Safety Meeting
	1400					Pressure test lines
						Drill pipe @ 1250'
10:40am	100		5 bbl		5	Pump 8 Bbls pre flush
10:44am	100		18 bbl		5	Mix + pump 75 sacks cement
10:48am	0		3 bbl		5	Pump 3 Bbls flush
10:49am	0		7 bbl		5	Pump 7 Bbls mud
10:50am						Drill pipe @ 300'
12:55pm	50		5 bbl		4	Pump 5 Bbls preflush
12:59pm	0		18 bbl		4	Mix + pump 75 sacks cement
•	0		1 bbl		4	Pump 1 Bbls flush
						Drill pipe @ 60'
1:30pm	0		7 bbl		3	Mix + Pump 30 sacks cement
•						
			-	-		