

ALLIED CEMENTING CO., LLC. 044501

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Osage, KS

Auto. Meter Center

3-18-10 DATE	SEC. 55	TWP. 13S	RANGE 47W	CALLED OUT	ON LOCATION 10:30am	JOB START 2:30pm	JOB FINISH 3:00pm
Rd cloud LEASE	WELL # 44-5	LOCATION T. & W. Rd 25			COUNTY		STATE Colo
OLD OR NEW (Circle one)			60- Rd V - 30 Rd 28.4m Rd 2				

CONTRACTOR Black Gold #69

TYPE OF JOB 501500

HOLE SIZE 12 1/4 T.D. 452'

CASING SIZE 8 1/8 DEPTH 452'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 39 1/2

CEMENT LEFT IN CSG. 39 1/2

PERFS.

DISPLACEMENT 76.3

OWNER

CEMENT

AMOUNT ORDERED 275 sks com 3900

29000 11248000

COMMON	<u>275</u>	@	<u>15.45</u>	<u>4248.75</u>
POZMIX		@		
GEL	<u>5</u>	@	<u>20.00</u>	<u>104.00</u>
CHLORIDE	<u>10</u>	@	<u>58.20</u>	<u>582.00</u>
ASC		@		

EQUIPMENT

PUMP TRUCK CEMENTER Furze

431 HELPER Kelly

BULK TRUCK

347 DRIVER Jerry

BULK TRUCK

DRIVER

	<u>1380</u>	@	<u>2.50</u>	<u>345.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>290</u>	@	<u>2.40</u>	<u>696.00</u>
MILEAGE	<u>104.54 miles</u>			<u>1450.00</u>

REMARKS:

Cement did circulate

Approx 8000

Plur down @ 2:00pm (CT)

Thanks Furze & crew

TOTAL 7425.75

SERVICE

DEPTH OF JOB	<u>453</u>		
PUMP TRUCK CHARGE			<u>1018.00</u>
EXTRA FOOTAGE	<u>153 @ .85</u>	@	<u>130.05</u>
MILEAGE	<u>50</u>	@	<u>5.00</u>
MANIFOLD		@	

TOTAL 1368.05

CHARGE TO: Verda Oil & Gas

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

1. Barrel Plug			<u>67.25</u>
4. Cont	@	<u>49.00</u>	<u>196.00</u>
1. Bucket	@		<u>221.00</u>
1. 8" plug	@		<u>68.00</u>
	@		
	@		
TOTAL			<u>552.25</u>

To Allied Cementing Co., 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.

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME Mathew Goolsby

SIGNATURE M Goolsby

Not a final Bill!
Field only

Federal Tax I.D.# 20-5975804

SERVICE POINT:

All Times Cont. Outlets

REMARKS:

TOTAL 26449

SERVICE

CHARGE TO: Vectg Dil & Gas

TOTAL 2361

STREET

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

Pump 2nd Plug 13:45

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PRINTED NAME Mathew Goodboy

SIGNATURE

<u>1- culture plus</u>	@	76
<u>1-Guide snare</u>	@	101
<u>1-Sure seed & hot cotton</u>	@	372
<u>28 Cent</u>	@	805
<u>3-Peakus</u>	@	805
<u>1 Ov + m</u>	@	283
<u>1-Pink Flg</u>		39
<u>Flg</u>		
TOTAL		5023

SALES TAX (If Any) _____

TOTAL CHARGES 100.00

DISCOUNT _____ IF PAID IN 30 DAY _____

Date 3-27-10 District Oakley Ticket No. 44516
Company Vectra Oil & Gas Rig B190K Gold #69
Lease Red cloud Well No. 44-5
County Cheyenne State Colorado
Location Electric W20 R0256 N20 R01 Field 55-185-44 W
35.70 Rd 28 4 N 10 Rd 2 2 1/2 W 10 135

CASING DATA: PTA ☐ Squeeze ☐
Surface ☐ Intermediate ☐ Production ☐ Liner ☐
Size 5 1/2" Type _____ Weight 15.5# Collar _____

Casing Depths: Top 3336.13 Bottom 5763.56

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

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. .0238 Lin. ft./Bbl. 42.01
Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
Annulus: Bbls/Lin. ft. .0309 Lin. ft./Bbl. 32.40
Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:

Spacer Type: 500 gal WFR 2
Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type 175 5F gal 1/4" B
Excess _____

Amt. 180 Skys Yield 1.98 ft³/sk Density 12.4 PPG

TAIL: Pump Time _____ hrs. Type ASC 2 1/2" 2000
Excess _____

Amt. 120 Skys Yield 1.98 ft³/sk Density 12.4 PPG

WATER: Lead 6.9 gals/sk Tail 108 gals/sk Total 83.95 Bbls.

Pump Trucks Used 431

Bulk Equip. 386

Float Equip: Manufacturer Industrial Rubber

Shoe: Type Guide shoe Depth 5763

Float: Type Safe seal float collar Depth 5721

Centralizers: Quantity 24 Plugs Top 1 Btm. _____

Stage Collars DV Tool

Special Equip. 5 baskets & 1 looking

Disp. Fluid Type Water based Amt. 136.7 Bbls. Weight _____ PPG

Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE Matt Galsby

CEMENTER Fuzzu

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
5:00 pm						arrive
1:00 am 3-28-10						Pie Job safety meeting
5:00 am						Circ
7:40				5		500 gal water
7:51				12		500 gal WFR 2
7:55				63.4		mix 1200 lbs cement
8:12 200*				20.9		mix 1200 lbs cement
8:15				5		wash pump & lines
8:19 1000*				136.5		Drop plug & displace
8:45 1700*						Plug down
8:47 1200*				.5		Drop 100 Bomb - 15 min - Open Tool
						Circ 4 hrs
1:05 - 1:12 2nd Plug				2.1		mix 1000 lbs cement
				2.1		mix 1000 lbs cement
1:26 300*				247		mix 730 lbs cement
2:26				5		wash pump & lines
	1000* 1st			79.5		Drop plug & displace
2:46 1200*						Plug down

Bottom 1000* Top 1000* PSI BUMP PLUG TO 1200* PSI BLEEDBACK 11/2 BBLs THANK YOU