

ALLIED CEMENTING CO., LLC. 037981

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Mpls. Ind. Co.

DATE <u>12-10-11</u>	SEC. <u>10</u>	TWP. <u>34s</u>	RANGE <u>22w</u>	CALLED OUT	ON LOCATION	JOB START <u>2:00 pm</u>	JOB FINISH <u>3:00 pm</u>
LEASE <u>Howell</u>		WELL # <u>1-10</u>		LOCATION <u>Sittler St to Rd 4, West to R 25</u>		COUNTY	STATE <u>Ks</u>
OLD OR <u>NEW</u> (Circle one)				<u>South to Rd 2, 1/4 mi. Sittler Rd to S 23rd</u>			

CONTRACTOR Landmark Drilling

TYPE OF JOB Service

HOLE SIZE <u>12 1/4</u>	T.D. <u>759'</u>
CASING SIZE <u>8 7/8</u>	DEPTH <u>758'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>800 psi</u>	MINIMUM
MEAS. LINE	SHOE JOINT <u>40'</u>
CEMENT LEFT IN CSG. <u>40'</u>	
PERFS.	

OWNER Jo Allen Oil

CEMENT AMOUNT ORDERED

250 sk 65:35:67:00 + 3/4" + 1/4" flo seal
100 sk A+3/4" + 2/1" seal

DISPLACEMENT ~~45 1/2 bbls~~ 45 1/2 bbls

EQUIPMENT

PUMP TRUCK	CEMENTER <u>with Thomas</u>
# <u>471/302</u>	HELPER <u>Ron Gilkey</u>
BULK TRUCK	
# <u>353/298</u>	DRIVER <u>Eddie Piser</u>
BULK TRUCK	
#	DRIVER

COMMON	<u>100</u> OK	@ <u>16.25</u>	<u>1625.00</u>
POZMIX		@	
GEL	<u>5 sk</u>	@ <u>21.25</u>	<u>106.25</u>
CHLORIDE	<u>17 sk</u>	@ <u>58.20</u>	<u>989.40</u>
ASC		@	
<u>D.L.W</u>	<u>250 sk</u>	@ <u>15.50</u>	<u>3875.00</u>
<u>Flo seal</u>	<u>62 #</u>	@ <u>2.70</u>	<u>167.40</u>
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>388</u>	@ <u>2.25</u>	<u>873.00</u>
MILEAGE	<u>388 / 65 / 1.11</u>		<u>2774.20</u>

TOTAL 10,410.25

REMARKS:

Bulk cement down with bag
pump 5 bbls to 100' down
mix 250 sk test cement
mix 100 sk test cement shut down release plug
0.50 45 1/2 bbls 1120 shut in
Cement did after pump plug 400 psi at 1600'

SERVICE

DEPTH OF JOB	<u>758'</u>		
PUMP TRUCK CHARGE			<u>1125.00</u>
EXTRA FOOTAGE	<u>458'</u>	@ <u>.95</u>	<u>435.10</u>
MILEAGE	<u>130</u>	@ <u>7.00</u>	<u>910.00</u>
MANIFOLD	<u>Lead Rental</u>	@	<u>200.00</u>
Light Vehicle	<u>130</u>	@ <u>4.00</u>	<u>520.00</u>
		@	

TOTAL 3190.00

CHARGE TO: Jo Allen Oil

STREET _____

CITY _____ STATE _____ ZIP _____

8 7/8 PLUG & FLOAT EQUIPMENT

<u>1- Rubber plug</u>	@	<u>112.00</u>
<u>1- Sealant</u>	@	<u>478.00</u>
<u>1- Centralizer</u>	@	<u>64.00</u>
<u>1- Baffle plate</u>	@	<u>112.00</u>
	@	

TOTAL 766.00

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 14,366.25

DISCOUNT 20% IF PAID IN 30 DAYS

NET 11,493.00

PRINTED NAME _____

SIGNATURE [Signature]



ALLIED CEMENTING CO., LLC

Cementing & Acidizing Services

CEMENTING LOG

STAGE NO.

Date 12-10-11 District Med. lat. cu Ticket No. 37981
 Company SOA/Km Oil Rig Landmark
 Lease Four 1 Well No. 1-10
 County _____ State KS
 Location _____ Field _____

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 8 7/8 Type _____ Weight _____ Collar _____

Casing Depths: Top 758 Bottom _____

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 12 1/4 T.D. 759 ft. P.B. to _____ ft.

CAPACITY FACTORS:

Casing: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Open Holes: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE _____

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Skes Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type 65:35 16 1/2 gal
+ 3 1/2 gal 1 1/4" floscan Excess _____
 Amt. 250 Skes Yield 1.08 ft³/sk Density 12.8 PPG

TAIL: Pump Time _____ hrs. Type _____
At 3/16" 2 1/2 gal Excess _____
 Amt. _____ Skes Yield 1.34 ft³/sk Density 15.2 PPG

WATER: Lead 10.2 gals/sk Tail 6.5 gals/sk Total _____ Bbbs.

Pump Trucks Used 471/302

Bulk Equip. 363/270

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. _____ Bbbs. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

CEMENTER Matt Wineski

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbbs Min.	
		<u>300</u>	<u>5</u>		<u>4</u>	<u>1200 head</u>
		<u>100</u>	<u>88</u>		<u>4</u>	<u>250sk line count</u>
		<u>200</u>	<u>24</u>		<u>4</u>	<u>100sk tail count</u>
		<u>400</u>	<u>45 1/2</u>		<u>4</u>	<u>160d up</u>

ALLIED CEMENTING CO., LLC. 037981

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Med. Wells

DATE <i>12-10-11</i>	SEC <i>10</i>	TWP <i>34s</i>	RANGE <i>22w</i>	CALLED OUT	ON LOCATION	JOB START <i>2:00 pm</i>	JOB FINISH <i>3:00 pm</i>
LEASE <i>Home</i>	WELL# <i>1-10</i>	LOCATION <i>S. 1/4 Sec 5, T. 34 N. W. 25</i>		COUNTY	STATE	<i>KS</i>	
OLD OR NEW (Circle one)		<i>South 10 Rd 2, 1/4, S. 10 E. 2, 21A</i>					

CONTRACTOR *Landmark Drilling*

OWNER *Jo Allen Oil*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4* T.D. *758'*

CEMENT

CASING SIZE *6 1/2* DEPTH *758'*

AMOUNT ORDERED

TUBING SIZE DEPTH

250 sk 65+35+6/gal 3/4" + 1/4" flo seal

DRILL PIPE DEPTH

100 sk A+ 3/4" + 1/2" loc

TOOL DEPTH

PRES. MAX *800 psi* MINIMUM

COMMON @

MEAS. LINE SHOE JOINT *42*

POZMIX @

CEMENT LEFT IN CSG *42*

GEL @

PERFS. CHLORIDE @

DISPLACEMENT ~~45 1/2 bbls H2O~~ *45 1/2 bbls H2O*

ASC @

EQUIPMENT

PUMP TRUCK CEMENTER *mt. T. rock*
471/302 HELPER *Ron Gilley*

BULK TRUCK
303/29 DRIVER *Edgar Per*

BULK TRUCK
DRIVER

HANDLING @

MILEAGE @

REMARKS:

*Per calculated amount for plug
pump: 5 bbls H2O
mix 250 sk 100 lb cement
mix 100 sk tail cement shut down. Release plug
it up 45 bbls H2O shut n
cement did clear. keep plug 400 psi 1000 psi*

TOTAL

SERVICE

DEPTH OF JOB *758'*

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

@

@

CHARGE TO: *Jo Allen Oil*

TOTAL

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

2 1/2 1- Rubber plug @

1- resistor @

1- cementizer @

1- Baffle plate @

@

TOTAL

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SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME

SIGNATURE *[Signature]*