

# ALLIED OIL & GAS SERVICES, LLC

KB  
052701

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
LIBERAL, KS

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
9-1-12						3:00PM	5:00PM
LEASE <i>RENICK</i>		WELL# <i>5-1H</i>		LOCATION <i>SOUTHWEST OF INVALLS, KS</i>		COUNTY	STATE
						<i>GRAY</i>	<i>KS</i>
OLD OR <del>NEW</del> (Circle one)							

CONTRACTOR *ARTO RIGSS*

OWNER

TYPE OF JOB *7" INTERMEDIATE*

HOLE SIZE *8 3/4"* T.D. *5448'*

CASING SIZE *7"* DEPTH *5448'*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT *375'*

CEMENT LEFT IN CSG. *37.5'*

PERFS.

DISPLACEMENT *207.2*

### EQUIPMENT

PUMP TRUCK CEMENTER *MICHAEL BARRETT*

# *549-550* HELPER *ANGEL TAPIA / CEBAR PAVIA*

BULK TRUCK

# *472-467* DRIVER *JESUS VEGA*

BULK TRUCK

# DRIVER

### REMARKS:

*THANK YOU!!!*

CHARGE TO: *SANCHEZ OIL & GAS CORP.*

STREET

CITY STATE ZIP

To: Allied Oil & Gas Services, 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.

PRINTED NAME *SAMMY DOYLE*

SIGNATURE *Sam Doyle*

### CEMENT

AMOUNT ORDERED *200sq 65/35'A' + 6% GEL + .6% FLOEAL + 1/4 #/sq FLOEAL, 205sq 'A' + 2% GEL + 3% SALT + .6% FLOEAL + 15% SMS*

COMMON A	205 @	16.25	3331.25
POZMIX	@		
GEL	4 @	21.25	85.00
CHLORIDE	@		
ASC	@		
LT W/ CNT TYPE 1A	200 @	15.00	3000.00
FLOEAL	50 @	2.70	135.00
FL 160	220 @	17.20	3784.00
SODIUM METASILICATE	29 @	3.00	87.00
SALT	3 @	23.95	71.85
	@		
	@		
HANDLING	443 @	2.25	996.75
MILEAGE	<i>19.358 x 50 x</i>	<i>2.35</i>	<i>2274.57</i>
TOTAL			<i>13765.42</i>

### SERVICE

DEPTH OF JOB	<i>5448'</i>		
PUMP TRUCK CHARGE	1 @	<i>2695.00</i>	<i>2695.00</i>
EXTRA FOOTAGE	@		
MILEAGE	50 @	7.00	350.00
MANIFOLD	1 @	200.00	200.00
LT VHL MILEAGE	50 @	4.00	200.00
ADDITIONAL HOURS	10 @	400.00	4000.00
TOTAL			<i>7445.00</i>

### PLUG & FLOAT EQUIPMENT

FLOAT SHOE	1 @	639.00	639.00
FLOAT COLLAR	1 @	795.00	795.00
CENTRALIZER	26 @	56.00	1456.00
TOP RUBBER PLUG 7"	1 @	85.00	85.00
	@		
TOTAL			<i>2975.00</i>

SALES TAX (If Any)

TOTAL CHARGES *24185.42*

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

*\$19348.34 NET*



# CEMENTING LOG

STAGE NO.

Date 9-1-12 District LIBERAL, KS Ticket No. 052701  
 Company SANCHEZ OIL & GAS CORP Rig \_\_\_\_\_  
 Lease RENICK Well No. 5-1H  
 County GRAY State KS  
 Location SOUTHWEST OF INVALLS, KS Field \_\_\_\_\_

CASING DATA: Conductor  PTA  Squeeze  Misc   
 Surface  Intermediate  Production  Liner   
 Size 7" Type P-110 Weight 26# Collar LT&C  
BUYRESS

Casing Depths: Top 0' Bottom 5448'

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size 8 3/4" T.D. 5444' ft. P.B. to \_\_\_\_\_ ft.

**CAPACITY FACTORS:**

Casing: Bbbls/Lin. ft. 0.0383 Lin. ft./Bbl. \_\_\_\_\_  
 Open Holes: Bbbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbbls/Lin. ft. 0.0268 Lin. ft./Bbl. \_\_\_\_\_  
 Bbbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

**CEMENT DATA:**

Spacer Type: FRESH WATER  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density 8.34 PPG  
20 bbl SPACER

LEAD: Pump Time 6:00 hrs. Type 'A' 65/35 + 6% GEL +  
0.6% FL160 + 1/4# 1/4 FLOISAL Excess 15%

Amt. 200 Skys Yield 1.73 ft<sup>3</sup>/sk Density 13.0 PPG

TAIL: Pump Time 4:05 hrs. Type 'A' + 2% GEL +  
3% SALT + 0.6% FL160 + 0.15% S.M.S Excess 15%

Amt. 205 Skys Yield 1.33 ft<sup>3</sup>/sk Density 15.0 PPG

WATER: Lead 9.1 gals/sk Tail 6.2 gals/sk Total 93.6 Bbbls.

Pump Trucks Used 549-550

Bulk Equip. 472-467

Float Equip: Manufacturer WEATHERFORD

Shoe: Type FLOAT SHOE Depth \_\_\_\_\_

Float: Type \_\_\_\_\_ Depth \_\_\_\_\_

Centralizers: Quantity 26 Plugs Top 1 Btm. \_\_\_\_\_

Stage Collars FLOAT COLLAR

Special Equip. \_\_\_\_\_

Disp. Fluid Type FRESH WATER Amt. 207.2 Bbbls. Weight 8.34 PPG

Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE X Sam Doyle

CEMENTER MICHAEL BARRETT

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbbls Min.	
11:00 PM						ON LOCATION, PREMEETING
11:30 AM						SPOT TRUCKS, RIG UP GROUND
2:00 PM						SAFETY MEETING, RIG UP FLOOR AND HEAD
2:45 PM	4500		2			LOAD AND TEST LINES TO 4500 PSI
2:50 PM	400		20			FRESH WATER SPACER
2:53 PM	450		61.62			LEAD @ 13.0 #/gal
3:00 PM	300		48.56			TAIL @ 15.0 #/gal
3:11 PM						SHUT DOWN, DROP PLUG
3:13 PM	100		207.2			FRESH WATER DISPLACEMENT
3:33 PM	200		@130			CATCH CEMENT
3:45 PM	1000		190			SLOW RATE
3:51 PM	1200		207.0			FINAL LIFE (DIFFERENTIAL) PSI
3:51 PM	1700		207.2			PLUG DOWN, HOLD 2 MINUTES
3:53 PM						CHECK FLOATS, FLOWBACK 1 BBL, HOLD
4:00 PM						RIG DOWN
4:30 PM						LEAVE LOCATION

FINAL DISP. PRESS: 1200 PSI BUMP PLUG TO 1700 PSI BLEEDBACK 1 BBL. THANK YOU