

ALLIED OIL & GAS SERVICES, LLC 064123

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Oakley, TX

DATE <u>10-12-14</u>	SEC. <u>4</u>	TWP. <u>9</u>	RANGE <u>24</u>	CALLED OUT	ON LOCATION <u>11:00am</u>	JOB START <u>4:30am</u>	JOB FINISH <u>5:30am</u>
LEASE <u>Popp</u>	WELL # <u>1-4</u>	LOCATION <u>S/Peter 2N, 4E, 5W,</u>			COUNTY <u>Grimes</u>	STATE <u>TX</u>	
OLD OR NEW (Circle one)			<u>3/4E, 5 units.</u>				

CONTRACTOR <u>Maverick 108</u>	OWNER <u>Same</u>
TYPE OF JOB <u>PTA</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>4110'</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH <u>2175'</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>23.82 661</u>	

CEMENT
AMOUNT ORDERED 255 sacks 60/40 4% @
Ver # 110-502

COMMON	<u>153 sacks @ 17.90</u>	<u>2738.70</u>
POZMIX	<u>102 sacks @ 9.39</u>	<u>953.70</u>
GEL	<u>877' @ .50</u>	<u>438.50</u>
CHLORIDE	@	
ASC	@	
	@	
<u>Flow-sap 64#</u>	<u>@ 2.97</u>	<u>190.08</u>
	@	
	@	
	@	
	@	
	@	
HANDLING	<u>2738.70 x 2.48</u>	<u>679.20</u>
MILEAGE	<u>11.44 hrs x 63 x 2.25</u>	<u>2044.90</u>

EQUIPMENT

PUMP TRUCK # <u>422</u>	CEMENTER <u>LaRone Edwards</u>
	HELPER <u>Wayne McGlghy</u>
BULK TRUCK # <u>894/241</u>	DRIVER <u>Wayne Massalle</u>
BULK TRUCK #	DRIVER

REMARKS:

Mix 50 sacks 2175'
Mix 100 sacks 975'
Mix 50 sacks 325'
Mix 10 sacks 40' w/ plug
Mix 155 sacks M.I.F.
Mix 30 sacks R.I.F.

Thank you

CHARGE TO: Colbreath

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 Derby Keever

SIGNATURE [Signature]

TOTAL _____

SERVICE

DEPTH OF JOB	<u>2175'</u>	
PUMP TRUCK CHARGE		<u>2483.59</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>M.I.F. 63 @ 7.70</u>	<u>500.50</u>
MANIFOLD	@	
<u>M.I.F. 65 @ 4.90</u>		<u>286.00</u>
	@	

TOTAL _____

PLUG & FLOAT EQUIPMENT

<u>wooden plug</u>	@	<u>110.00</u>
	@	
	@	
	@	
	@	

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

Date 10-12-14 District Oakley, KS Ticket No. 64123
 Company Calbreath Rig Moderate 108
 Lease Popp Well No. 1-4
 County Graham State KS
 Location 4-9-24 Field _____

CEMENT DATA:

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

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size _____ Type _____ Weight _____ Collar _____

LEAD: Pump Time _____ hrs. Type Lok 10 490gal
 Excess _____
 Amt. 255 Sks Yield 1.42 ft³/sk Density 138 PPG _____

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls. _____

Casing Depths: Top _____ Bottom _____

Pump Trucks Used 422 - Wayne

Bulk Equip. 390/241 - Wayne

Drill Pipe: Size 4 1/2 Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. 4110 ft. P.B. to 2175' ft.

Float Equip: Manufacturer _____

Shoe: Type _____ Depth _____

Float: Type _____ Depth _____

Centralizers: Quantity _____ Plugs Top _____ Btm. _____

Stage Collars _____

Special Equip. _____

Disp. Fluid Type water/mud Amt. 2383 Bbls. Weight _____ PPG _____

Mud Type 30/2082 Weight _____ PPG _____

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Drill Pipe: Bbls/Lin. ft. 101422 Lin. ft./Bbl. _____

Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE Sub

CEMENTER LoRene

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
4:30					5.0	Hold safety meeting Start water spacer Start cement 50 sks 2175' weigh cement 13.8# stop cement
					3.0	Pump water spacer
					20.82	Displace with mud
					5.0	Start water spacer
						Mix 100 sks cement 975'
						Stop cement
					2.0	Pump water spacer 30 cement
						Mix 50 sks cement 325'
					1.0	Displace with water
						Mix 100 sks 40' w/ spacer
						Mix 150 sks M. 11'
						Mix 30 sks R. 11'
5:30						Wash up truck
						Hold safety meeting
						Thank you