

ALLIED OIL & GAS SERVICES, LLC 062217

Federal Tax I.D. # 20-8651476

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

SERVICE POINT

Orkley, KS

DATE <u>2-19-14</u>	SEC. <u>12</u>	TWR <u>22</u>	RANGE <u>34 W</u>	CALLS OUT	ON LOCATION	JOB START <u>11:00 AM</u>	JOB FINISH <u>11:30 AM</u>
LEASE <u>Warden City</u>	WELL # <u>12-22</u>	LOCATION <u>Warden City, N 20 3/4 Sec 12, R 24 W 34 S 20</u>	COUNTY <u>LeFlore</u>	STATE <u>KS</u>			
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR #12 #2
TYPE OF JOB Surface
HOLE SIZE 12 1/4 ID. 417
CASING SIZE 8 5/8 DEPTH 417
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. FT
PERFS.
DISPLACEMENT 25 1/2

EQUIPMENT

PUMP TRUCK CEMENTER Ruby Gabriel
423 + 281 HELPER Wayne Mobley
BULK TRUCK
818 + 287 DRIVER Juan (Tus)
BULK TRUCK
DRIVER

REMARKS:

rigged up, mixed 26.5 sacks cement
26.5 cc 2 1/2 gal water and plug
displaced 25 1/2 min water,
shut in

Cement did circulate

Thank You
Ruby & Crew

CHARGE TO: Leback oil
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 STEVEN CRAIG

SIGNATURE Steven Craig

OWNER Jane
CEMENT
AMOUNT ORDERED 26.5 COM 300 cc
200 gal

COMMON 26.5 sacks @ 17.20 = 454.75
POZ MIX
GEL 5.00 @ 23.00 = 115.00
CHLORIDE 9.00 @ 6.00 = 54.00
ASC

HANDLING 26.5 sacks @ 2.00 = 53.00
MILEAGE 12.4 @ 2.00 = 24.80
TOTAL 752.55

SERVICE

DEPTH OF JOB 417'
PUMP TRUCK CHARGE 150.00
EXTRA FOOTAGE
MILEAGE M.H.V. 75 @ 7.00 = 525.00
MANIFOLD Head @ 2.75 = 2.75
M.S.L.V. 75 @ 4.00 = 300.00

TOTAL 2695.35

PLUG & FLOAT EQUIPMENT

1 - 8 5/8 Warden Plug @ 107.00

TOTAL 107.00

SALES TAX (if Any)
TOTAL CHARGES 11,377.78
DISCOUNT 2,254.02 IF PAID IN 30 DAYS

9,123.75 Net

W.H.

Date 2-28-14 District Oklahoma Ticket No. 062002
 Company Lebanon Oil Rig Harris
 Lease Grand City Well No. 5-12
 County Finney State OK
 Location D-28-34 Field

CASING DATA: Conductor ☐ PTA ☐ Squeeze ☐ Misc ☐
 Surface ☐ Intermediate ☐ Production ☒ Liner ☐
 Size 5 1/2 Type New Weight 14.25 Collar

Casing Depths: Top KB Bottom 4856
 Trip Stage KB 2776

Drill Pipe: Size 7 7/8 Weight 48.60 Collars
 Open Hole: Size 7 7/8 T.D. 4860 ft. P.B. to ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. .0244 Lin. ft./Bbl.
 Open Holes: Bbls/Lin. ft. Lin. ft./Bbl.
 Drill Pipe: Bbls/Lin. ft. Lin. ft./Bbl.
 Annulus: Bbls/Lin. ft. Lin. ft./Bbl.
 Perforations: From ft. to ft. Amt.

CEMENT DATA:

Spacer Type:
 Amt. Skys Yield ft³/sk Density PPG

LEAD: Pump Time hrs Type AS 10%
5.11 5 1/2 in. 2/0521 Excess
 Amt. 210 Skys Yield 1.56 ft³/sk Density 14.66 PPG

TAIL: Pump Time hrs Type 2.16 1/4
F10-2001 Excess
 Amt. 550 Skys Yield 1.76 ft³/sk Density 12.92 PPG

WATER: Lead 6.97 gals/sk Tail 2.28 gals/sk Total Bbls.

Pump Trucks Used 120 Tyler
 Bulk Equip. 560 - Brandon
373 Juan 2 (Tug)

Float Equip: Manufacturer Weatherford
 Shoe: Type NEW Float shoe Depth
 Float: Type Leak Detector Flex plug Assy Depth
 Centralizers: Quantity 7 Plugs Top Btm. Flex
 Stage Collars DW T-200
 Special Equip. Blanket
 Disp. Fluid Type higher bond water Bbls. Weight PPG
 Mud Type 50 16.97 17.73 Weight PPG

CEMENTER Paul Bigler

COMPANY REPRESENTATIVE

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
12:30			12.61	17.61		Hold Safety meeting
			5.61	17.61		pump WFR 11
						pump water spacer
						start cement
			34.85	51.85		mix 210 sks AS @ 14.66 lb
						stop cement / wash up pit
						release plug
			50.61	101.85		Displace w/ water
			17.97	16.92		Displace w/ water
1:00						mix 550 sks AS @ 12.92 lb
						stop cement / wash up pit
						release plug
						Displace w/ water
2:00			6.63	176.45		plug and bleed @ 1700 ft
			4.42	180.87		mix 550 sks 1/4 @ 12.92 lb
			110.48	291.35		stop cement / wash up pit
						release plug
			67.73	359.08		Displace w/ water
2:30						plug and bleed @ 1700 ft
						mix 550 sks 1/4 @ 12.92 lb
						stop cement / wash up pit
						release plug
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