

ALLIED OIL & GAS SERVICES, LLC 063510

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Greathouse

DATE <u>8-13-14</u>	SEC. <u>17</u>	TWP. <u>25</u>	RANGE <u>4</u>	CALLED OUT	ON LOCATION <u>2:30 AM</u>	JOB START <u>11:30 AM</u>	JOB FINISH <u>12:50 PM</u>
LEASE <u>Change</u>		WELL # <u>171231</u>		LOCATION <u>Patwin - 5 1/2 s on Diamond Pl</u>		COUNTY <u>Butler</u>	STATE <u>KY</u>
OLD OR <u>NEW</u> (Circle one)				F. into			

CONTRACTOR Summit Drilling #1

TYPE OF JOB Production

HOLE SIZE 7 1/8 T.D.

CASING SIZE 5 1/2 DEPTH 3030

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 1/2 06

CEMENT LEFT IN CSG. FT

PERFS.

DISPLACEMENT 75.11 bbl Freshwater

OWNER

CEMENT

AMOUNT ORDERED 175 sk ASC - 2% gel

6 1/4 x 5 # Kd11 - 3% 4110 - 14% DF

EQUIPMENT

PUMP TRUCK CEMENTER JD St. Hanc

597 HELPER Kevin Eddy

BULK TRUCK

599 DRIVER Zebo Schwaller

BULK TRUCK

DRIVER

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

HANDLING MILEAGE

REMARKS:

17 location - Rig up - had safety meeting

run 5 1/2 casing - Borel cement

pump Dulco

mix 175 sks ASC

Drop plug

Displace 75.11 bbl Freshwater ^{Lift 600 PSI}

land plug PSI

11:30 AM

Rig down

DEPTH OF JOB 3030

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE Hum 40 @

MANIFOLD @

CHARGE TO: Service Energy

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

16 - (x) equalizer

2 - 1/2" plug

AFV part - t

Guide shoe

2 - Thread lock

Clamp

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 Roger Martin

SIGNATURE [Signature]

SALES TAX (if Any)

TOTAL CHARGES

DISCOUNT IF PAID BY DATE

Redacted Changes

Date 8-13-14 District 6B Ticket No. 63510
 Company Source Energy Rig Summit #1
 Lease Chase Well No. 171231
 County Butler State KS
 Location Potwin - 5 1/2 on Diamond Field 17 25 4
Finco

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 5 1/2 Type AW Weight 15.5 Collar _____

CEMENT DATA:
 Spacer Type: Freshwater
 Amt. 5 bbl Sk's Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time Thicken Time hrs. Type ASC 2 1/2 jet
6 1/2 gal 5# thick 13% Alcl Excess _____
 Amt. 175 Sk's Yield 14.55 ft³/sk Density 14.55 PPG
 TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Sk's Yield _____ ft³/sk Density _____ PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Casing Depths: Top _____ Bottom _____

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

Pump Trucks Used 597 - Kenn Eddy
 Bulk Equip. 595 - Zeb Schwab

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. .0238 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. _____
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity 10 Plugs Top 1 Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER Josh L. McC

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
2:30 AM						on location - Rig up
						had safety meeting
						run 5 1/2 casing
9:30 AM						break circulation
10 AM	0			10	6	pump 10 bbl DU 1100
10:55	100		15	5	6	pump 5 bbl freshwater
10:50	100		63.93	49.93	6	mix 175 SKS ASC
						Drop plug
10:45	600		139.04	75.11	6	Displac. 75.11 bbl freshwater
11:15						Load plug psi
11:30						Rig down