

Operator Name: JOHN O. FARMER, INC. Lease Name: S V Well #: 1
 Sec. 35 Twp. 12 S. R. 15W East West County: Russell

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 LOG TOPS ARE LISTED ON GEOLOGICAL REPORT
 THAT IS INCLUDED

List All E. Logs Run:
 Micro Resistivity Log, Array Induction
 Shallow Focused Electric Log, Compact
 Photo Density Compensated Neutron Micro
 Resistivity Log ✓

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./ Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface Pipe	12 1/4"	8 5/8"	23 #	429'	Common	225	2%Ge1&3%CC

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
____ Perforate				
____ Protect Casing				
____ Plug Back TD				
____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run		
						<input type="checkbox"/> Yes	<input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.			Producing Method				
			<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled

Production Interval Other (Specify) _____

ALLIED CEMENTING CO. LLC. 037589

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

COPY

SERVICE POINT:
Russell KS

DATE <u>7-26-09</u>	SEC. <u>35</u>	TWP. <u>12</u>	RANGE <u>15</u>	CALLED OUT	ON LOCATION	JOB START <u>1:00am</u>	JOB FINISH <u>1:45am</u>
LEASE <u>SV</u>	WELL # <u>1</u>	LOCATION <u>Gorham KS North 6 on black top</u>			COUNTY <u>Russell</u>	STATE <u>KS</u>	
<input checked="" type="checkbox"/> OLD OR NEW (Circle one)			<u>1 East 1/2 North 1 East South East into</u>				

CONTRACTOR Discovery Drilling #2

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8 T.D. 3310

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 xH DEPTH 3200'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 195 60/40 4% Gel 1/4 # Flo

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER John Roberts

417 HELPER Matt

BULK TRUCK

410 DRIVER Glenn

BULK TRUCK

_____ DRIVER _____

REMARKS:

- _____ 3200' w/ 25 sk
- _____ 887' w/ 25 sk
- _____ 470' w/ 90 sk
- _____ 40' w/ 10 sk
- _____ 30 sk Rathole
- _____ 15 sk Mouse hole

CHARGE TO: John O' Farmer Inc.

STREET _____

CITY _____ STATE _____ ZIP _____

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.

PRINTED NAME Justin Patterson

SIGNATURE

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

MANIFOLD _____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

RECEIVED
 SEP 15 2009
 KCC WICHITA

PLUG & FLOAT EQUIPMENT

_____ @ _____

Dry Hole Plug @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS



ALLIED

CEMENTING CO., LLC
Cementing & Acidizing Services

CEMENTING LOG

STAGE NO.

Date 7-26-09 District 4 Ticket No. 037589
 Company John O. Farmer Inc. Rig Discovery Drill #2
 Lease SV Well No. L
 County Russell State KS
 Location Graham KS North to on Black Top Field Wildcat
1 East 1/2 North 1 East South East into

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

Casing Depths: Top _____ Bottom _____

Drill Pipe: Size 4 1/2 XH Weight 116.60 Collars _____
 Open Hole: Size 7 7/8 T.D. 3310 ft. P.B. to _____ ft.

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. .0602 Lin. ft./Bbl. 16.5993
 Drill Pipe: Bbls/Lin. ft. .01422 Lin. ft./Bbl. 70.32
 Annulus: Bbls/Lin. ft. .0406 Lin. ft./Bbl. 24.6474
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:

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

COPY

LEAD: Pump Time _____ hrs. Type 60/40 4 1/2 Gal 1/2 PPG
 Excess _____

Amt. 195 Skys Yield 1.42 ft³/sk Density 13.79 PPG

TAIL: Pump Time _____ hrs. Type _____
 Excess _____

Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

WATER: Lead 6.90 gals/sk Tail _____ gals/sk Total 32.03 Bbls.

Pump Trucks Used 417-Matt
 Bulk Equip. 410-Glenn

Float Equip: Manufacturer _____

Shoe: Type _____ Depth _____

Float: Type _____ Depth _____

Centralizers: Quantity _____ Plugs Top Dry Hole Btm. _____

Stage Collars _____

Special Equip. _____

Disp. Fluid Type Fresh H₂O Amt. 11 Bbls. Weight 8.33 PPG

Mud Type Drill mud 44 Bbl Weight 9.2 PPG

COMPANY REPRESENTATIVE Justin Patterson

CEMENTER John Roberts

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min	
			6.32	6.32	4.5	1st Plug @ 3200' 25sk w/ 4.10 Bbl H ₂ O
			50.32	44		Displace w/ 44 Bbl Drill mud
			56.64	6.32	4.5	2nd Plug @ 887' 25sk w/ 4.10 Bbl H ₂ O
			66.64	10	5	Displace w/ 10 Bbl H ₂ O
			89.4	22.76	4.5	3rd Plug @ 470' 90sk w/ 14.78 Bbl H ₂ O
			90.4	1	5	Displace w/ 1 Bbl H ₂ O
			92.92	2.52	3.5	4th Plug @ 40' 10sk w/ 1.64 Bbl H ₂ O
			100.5	7.58	3.5	30sk Rathole w/ 4.92 Bbl H ₂ O
<u>1:45am</u>			104.29	3.79	3.5	15sk Mousehole w/ 2.46 Bbl H ₂ O

RECEIVED

SEP 15 2009

KCC WICHITA