

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 147-205760000

County Phillips

 - NW - SW - NE Sec. 14 Twp. 2S Rge. 19 X W E

1650 Feet from X (N) (circle one) Line of Section

2310 Feet from (E)/X (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(NE), SE, NW or SW (circle one)

Lease Name Kats Well # 2

Field Name _____

Producing Formation LKC

Elevation: Ground 2220' KB 2225'

Total Depth 3572' PBTB _____

Amount of Surface Pipe Set and Cemented at 230 Feet

Multiple Stage Cementing Collar Used? X Yes _____ No

If yes, show depth set 1673' Feet

If Alternate II completion, cement circulated from 1673

feet depth to surface w/ 350 sx cmt.

Drilling Fluid Management Plan ALT 2 821 10-10-97
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name KCC

Lease Name SEP 4 License No. _____

Quarter Sec. Twp. S Rng. E/W

County _____ Docket No. _____

Operator: License # 31514

Name: Thoroughbred Associates, LLC

Address 10 Colonial Court

City/State/Zip Wichita, KS 67207

Purchaser: Farmland Industries, Inc.

Operator Contact Person: Robert C. Patton

Phone (316) 685-1512

Contractor: Name: Murfin Drilling Company

License: 30606

Wellsite Geologist: Robert Petersen

Designate Type of Completion

X New Well _____ Re-Entry _____ Workover _____

X Oil _____ SWD _____ SIOW _____ Temp. Abd.

Gas _____ ENHR _____ STANWAS CORPORATION, etc

Dry _____ Other (Core, WSW, Exp. Method, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

_____ Deepening _____ Re-perf. _____ Conv. to Inj/SWD

_____ Plug Back _____ PBTB

_____ Commingled _____ Docket No. _____

_____ Dual Completion _____ Docket No. _____

_____ Other (SWD or Inj?) _____ Docket No. _____

6-20-97 6-25-97 7-19-97
Spud Date Date Reached TD Completion Date

RELEASED

JAN 29 1999

FROM CONFIDENTIAL

RECEIVED

09-16-1997
SEP 16 1997

CONSERVATION DIVISION
WICHITA, KS

CONFIDENTIAL

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature]

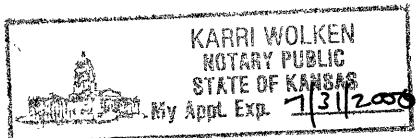
Title President Date 09-03-97

Subscribed and sworn to before me this 3 day of September, 19 97.

Notary Public [Signature]

Date Commission Expires July 31, 2000

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	_____ SWD/Rep
_____	KGS	_____ Plug
_____	_____	_____ NGPA
_____	_____	_____ Other
(Specify)		



SIDE TWO

15-147-20576-00-00

Operator Name Thoroughbred Associates, LLC Lease Name Kats Well # 2

Sec. 14 Twp. 2S Rge. 19 East West County Phillips

CONFIDENTIAL

ORIGINAL

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name see attachment	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	BASE ANHYDRITE	1791	+134
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	HEEBNER	3323	-1008
List All E.Logs Run: Radiation Guard Log & Sonic Log		TORONTO	3348	-1124
		LANSING/KC	3368	-1143
		STARK	3540	-1315

CONFIDENTIAL

CASING RECORD <input type="checkbox"/> New <input checked="" 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	12 1/4	8 5/8	20#	230'	common	145	60/40 poz 3% gel
							2% cc
Production	7 7/8	5 1/2	14#	3569'	AFC	175	10% salt, 500 gal WFR2

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Protect Casing			350	60/40 poz, 6% gel, 1/4# floseal
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval	As Perforated	(Amount and Kind of Material Used)	Depth
4	3514-16		500 gal MCA, 6 BPM 500#, ISIP 150#	
4	3518-22		retreat with 2000 gal. @ 7 BPM 300#, ISIP 100#	
			same as above	

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CONSERVATION DIVISION
WICHITA, KS

RELEASED
JAN 29 1999

TUBING RECORD		Size 2 3/8	Set At 3567'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 8-1-97		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil 20 Bbls.	Gas	Mcf	Water 50 Bbls.	Gas-Oil Ratio Gravity

FROM CONFIDENTIAL

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: 3514'-3516'
3518'-3522'

15-147-20576-00-00

CONFIDENTIAL

ORIGINAL

Attachment to ACO-1

RELEASED

JAN 29 1999

FROM CONFIDENTIAL

Operator: Thoroughbred Associates, LLC
 Lease Name: Kats #2
 Location: NW SW NE, Sec. 14-T2S-19W
 Phillips County, Kansas
 API# 15-147-205760000

DST #1 3380-3450 (Lansing B, D, F & G zones) Rec. 5' clo, 210' so & wcm, (5%oil, 10%w) 180' ocwm,
 (3%oil, 40% m, 57%w) 180' water - 43,000 chl., SIP 800-7947#, HP 1690-1660, FP 65-126/172-245.

DST #2 3500-3572, (I & J zones) 30-45-45-60, Rec. 20' hocm, FP 10-12/16-16#, SIP 1160-990# still
 building, HP 1660-1620#.

KCC

SEP 4

CONFIDENTIAL

Log Tops

Heebner	3322' -1097
Toronto	3349' -1124
Lansing	3368' -1143
Stark	3540' -1315
TD	3570' -1345

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 KANSAS CORPORATION COMMISSION

SEP 16 1997

CONSERVATION DIVISION
 WICHITA, KS

ALLIED CEMENTING CO., INC.

8840

Federal Tax I.D.# ~~000000000~~

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

ORIGINAL

SERVICE POINT: R

DATE <u>6-20-97</u>	SEC. <u>14</u>	TWP. <u>2S</u>	RANGE <u>19W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>8:30 PM</u>
LEASE <u>Kats</u>	WELL # <u>2</u>	LOCATION <u>Speed & #9 Highway 13N</u>			COUNTY <u>Phillips</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)		<u>1/4 W 3/4 N</u>					

CONFIDENTIAL

CONTRACTOR Marlin Daly Rig 3 OWNER _____

TYPE OF JOB Surface CEMENT 145

HOLE SIZE 12 1/4 T.D. _____ CEMENT AMOUNT ORDERED 145 @ 60 3% CC 2% gel

CASING SIZE 8 1/2 DEPTH 230

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 10-15

PERFS. _____

DISPLACEMENT 20 1/2 1425 BBL

EQUIPMENT _____

PUMP TRUCK # 177 CEMENTER Dave HELPER Glen

BULK TRUCK # _____ DRIVER _____

BULK TRUCK # 252 DRIVER Matt

REMARKS: _____

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 445.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 77 @ 2.85 219.45

PLUG 8 1/2 wooden @ _____ 45.00

TOTAL 709.45

CHARGE TO Throughbred Associates

STREET 10 Colonial Court

CITY Wichita STATE Kan ZIP 67202

FLOAT EQUIPMENT _____ @ _____

TOTAL _____

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Keith Van Pelt

PRINTED NAME _____

RELEASED
JAN 29 1999
FROM CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION
SEP 16 1997
WICHITA, KS

CONFIDENTIAL SERVICE

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

ALLIED CEMENTING CO., INC.

8842

Federal Tax I.D.# ~~15-200000~~

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

ORIGINAL

SERVICE POINT:

Russell

DATE <u>6-26-97</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>K9TS</u>	WELL # <u>2</u>	LOCATION <u>Speed 13 1/2 N 1/2 W 1/4 N</u>	COUNTY <u>Phillips</u>	STATE <u>Kan</u>			
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR <u>Murfin Drlg</u>	OWNER	CONFIDENTIAL
TYPE OF JOB <u>Prod String Bottom Stage</u>		
HOLE SIZE <u>7 7/8</u>	T.D. <u>3572</u>	CEMENT
CASING SIZE <u>5 1/2</u>	DEPTH <u>3571</u>	AMOUNT ORDERED <u>175 ASC 10% Salt</u>
TUBING SIZE	DEPTH	RELEASED 500 gal WFR2
DRILL PIPE	DEPTH	
TOOL	DEPTH	

PRES. MAX	MINIMUM	COMMON	<u>175 ASC @ 785</u>	<u>1373.75</u>
MEAS. LINE	SHOE JOINT	BOX MIX	@	
CEMENT LEFT IN CSG.		GEL	@	
PERFS.		CHLORIDE	@	
DISPLACEMENT		Salt	<u>17 @ 7.00</u>	<u>119.00</u>
		WFR2	<u>500 gal @ 1.00</u>	<u>500.00</u>

EQUIPMENT

PUMP TRUCK # <u>221</u>	CEMENTER <u>McAdoo</u>	HELPER <u>Will</u>
BULK TRUCK # <u>282</u>	DRIVER <u>Matt</u>	
BULK TRUCK #	DRIVER	

FROM CONFIDENTIAL SERVICE

HANDLING	@	<u>105</u>	<u>183.75</u>
MILEAGE <u>75m</u>		<u>04</u>	<u>525.00</u>
			<u>525.00</u>
		TOTAL	<u>2701.50</u>

REMARKS:

Float Held

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SEP 16 1997
WICHITA, KS

SEP 4
CONFIDENTIAL SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>1030.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>75m</u>	@	<u>285</u>
PLUG	@	
	@	
	@	
	@	
		TOTAL

CHARGE TO: Thoroughbred Associates
STREET 10 Colonial Court
CITY Wichita STATE Kan ZIP 67202

FLOAT EQUIPMENT 5 1/2

Guide shoe		<u>168.00</u>
Insert	@	<u>263.00</u>
6 Cent	@	<u>56.00</u>
1 Basket	@	<u>142.00</u>
1 DV Tool	@	<u>3949.00</u>
	@	
		TOTAL

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____
TOTAL CHARGE _____
DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Robert C. Patten

PRINTED NAME

ALLIED CEMENTING CO., INC.

8843

Federal Tax I.D.# ~~000000000~~

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

ORIGINAL

SERVICE POINT:

Russell

DATE <u>6-26-97</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Kats</u>	WELL# <u>2</u>	LOCATION <u>Speed 13 1/2 N 1/2 W 3/4 N</u>			COUNTY <u>Phillips</u>	STATE <u>Kan</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Murfin 3
 TYPE OF JOB Top Stage 5 1/2
 HOLE SIZE _____ T.D. _____
 CASING SIZE 5 1/2 DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL DV DEPTH 1673
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER **CONFIDENTIAL**
 CEMENT AMOUNT ORDERED 350 60 6% bel
4# Flo Seal

COMMON	<u>210 @ 610</u>	<u>1281.00</u>
RODIX	<u>140 @ 315</u>	<u>441.00</u>
GEL	<u>18 @ 9.50</u>	<u>171.00</u>
SHOULDER	<u>88# @ 1.15</u>	<u>101.20</u>
Flo Seal		
HANDLING	<u>75 @ 105</u>	<u>367.50</u>
MILEAGE	<u>75 @ 14.00</u>	<u>1050.00</u>
SEP 4		
CONFIDENTIAL	TOTAL	<u>3267.70</u>
		<u>3411.70</u>

EQUIPMENT

PUMP TRUCK # 221 CEMENTER McAdoo
 HELPER Will

BULK TRUCK # 254 DRIVER Darin

BULK TRUCK # _____ DRIVER _____

RELEASED
JAN 29 1999

FROM CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION
SEP 16 1997
CONSERVATION DEPT
WICHITA, KANSAS

REMARKS:

Cement Did Circ.
Bill McAdoo Allied
Keith Van Pelt

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 550.00
 EXTRA FOOTAGE @ _____
 MILEAGE @ _____
 PLUG @ _____
 @ _____
 @ _____
 TOTAL 550.00

CHARGE TO: Thoroughbred Associates
 STREET 10 Colonial Court
 CITY Wichita STATE Kan ZIP 67202

FLOAT EQUIPMENT

@ _____
 @ _____
 @ _____
 @ _____
 @ _____
 TOTAL _____

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Robert Patton

PRINTED NAME

3367.45