

Plugged 12/20/96

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

ORIGINAL

Operator: License # 31514

Name: Thoroughbred Associates, LLC

Address 10 Colonial Court

City/State/Zip Wichita, Kansas 67207

Purchaser: _____

Operator Contact Person: Robert C. Patton

Phone (316) 685-1512

Contractor: Name: Abercrombie RTD, Inc.

License: 30684

Wellsite Geologist: Robert C. Patton

Designate Type of Completion

XX New Well _____ Re-Entry _____ Workover

_____ Oil _____ SWD _____ SIOW _____ Temp. Abd.

_____ Gas _____ ENHR _____ SIGW

XX Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

_____ Plug Back _____ PBDT

_____ Commingled _____ Docket No. _____

_____ Dual Completion _____ Docket No. _____

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

12-10-96 _____ 12-19-96 _____ 12-20-96 _____

Spud Date _____ Date Reached TD _____ Completion Date _____

API NO. 15- 093-215560000

County Kearny

C - SW - NE - _____ Sec. 8 Twp. 21S Rge. 35W XX W

1980' _____ Feet from N (circle one) Line of Section

1980 _____ Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE, SE, NW or SW (circle one)

Lease Name Williams Well # #1

Field Name _____

Producing Formation N/A

Elevation: Ground 3173' _____ KB 3178' _____

Total Depth 5032' _____ PBDT _____

Amount of Surface Pipe Set and Cemented at 412.36' _____ Feet

Multiple Stage Cementing Collar Used? _____ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____

Drilling Fluid Management Plan D&A JK _____
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: 4-2497

Operator Name: K.C.C.

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County CONFIDENTIAL Docket No. _____

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COMMISSION
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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 Robert Patton

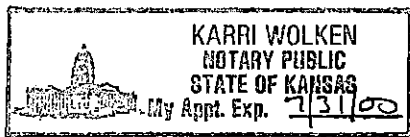
Title Managing Partner Date 1-07-97

Subscribed and sworn to before me this 7th day of January, 19 97.

Notary Public Karri Wolken
Karri Wolken

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	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other
		(Specify)



JAN 13 1990

Operation Name Thoroughbred Associates, LLC

Lease Name Williams Well # #1

Sec. 8 Twp. 21S Rge. 35W

East
 West

County Kearny

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 Yes No
(Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

List All E.Logs Run:
Compensated Neutron/Compensated Photo-Density
Array Induction Shallow Focused

Log Formation (Top), Depth and Datums Sample
Name Top Datum

CASING RECORD

New 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"	24#	412'	60-40 pozmix	275	2% gel, 3% CC

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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 Inj. D&A Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: METHOD OF COMPLETION Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, submit ACO-18.) Other (Specify) _____

CONFIDENTIAL

OPERATOR: Thoroughbred Associates, LLC
LEASE NAME: Williams #1
LOCATION: C SW NE, Sec. 8-T21S-R35W
Kearny County, Kansas
API#: 15-093-215560000

ORIGINAL

DST #1 4495-4575 (Altomont) 30-30-30-30. Rec. 5'mud. FP 44-47/46-50#. SIP 70/59#.

DST #2 4570-4640 (Pawnee & Ft. Scott) 30-60-45-75. Rec. 90' sl ocwm; 240' mw. FP 20-99/103-174E. SIP 1089/1077#.

LOG TOPS

Heebner	3942'- 764
Lansing	3999'- 821
Marmaton	4481'-1303
Altomont Por.	4499'-1314
Pawnee	4581'-1403
Ft. Scott	4617'-1439
Cherokee Sh.	4626'-1448
Mississippian	4927'-1749
LTD	5032'-1854

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KCC

APR 17

CONFIDENTIAL

ALLIED CEMENTING CO., INC. 7490

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

CONFIDENTIAL

SERVICE POINT:

ORIGINAL

DATE: <u>2/16/76</u>	SEC: <u>8</u>	TWP: <u>21c</u>	RANGE: <u>35W</u>	CALLED OUT	ON LOCATION: <u>915-PM</u>	JOB START: <u>12:30 AM</u>	JOB FINISH: <u>1:10 AM</u>
LEASE: <u>Williams</u>	WELL# <u>1</u>	LOCATION: <u>6F-15 1/2 W 25</u>			COUNTY: <u>KEARNEY</u>	STATE: <u>KS</u>	

OLD OR NEW (Circle one) 15-093-21556

CONTRACTOR: <u>Ahercambitz #4</u>	OWNER: <u>SAME</u>
TYPE OF JOB: <u>Cmt 5/8" Surf. CSG</u>	CEMENT
HOLE SIZE: <u>12 K1</u>	T.D.: <u>417</u>
CASING SIZE: <u>5 7/8" 23"</u>	DEPTH: <u>412</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT: <u>15</u>
CEMENT LEFT IN CSG.	
PERFS.	

EQUIPMENT		SEP 16 1970
PUMP TRUCK # <u>224</u>	CEMENTER: <u>MAX</u>	HELPER: <u>Bob</u>
BULK TRUCK # <u>215</u>	DRIVER: <u>Dean</u>	
BULK TRUCK #	DRIVER	

REMARKS:

Cmt 5/8" Surface CSG with 275SKs 6r/14t
79" and 3" Wood Plug Displace 25
PFL Close in Head cement did
circulate

DEPTH OF JOB	<u>412</u>
PUMP TRUCK CHARGE	
EXTRA FOOTAGE	@
MILEAGE	<u>MI</u> @
PLUG	<u>5/8" Wood Plug</u> @
TOTAL	

CHARGE TO: Thoroughbred F Assoc
STREET _____
CITY _____ STATE _____ ZIP _____

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: John D. B...

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ORIGINAL

ALLIED CEMENTING CO., INC. - 4728

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

SERVICE POINT:
Mass City

DATE <u>12-19-96</u>	SEC. <u>8</u>	TWP. <u>21</u>	RANGE <u>35</u>	CALLED OUT <u>1:00pm</u>	ON LOCATION <u>8:30pm</u>	JOB START <u>9:00pm</u>	JOB FINISH <u>12:00am</u>
LEASE <u>Williams</u>	WELL #	LOCATION <u>Friends 14w 15 7w 1/4s 1/4w</u>		COUNTY <u>Rawl</u>	STATE <u>KS</u>		

CONTRACTOR Albercon Inc. Duly #4

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8 T.D. 5028

CASING SIZE 8 7/8 DEPTH 412

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX. MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG

PERFS.

OWNER Thoroagland Assoc

CEMENT

AMOUNT ORDERED 205 5x 60/40 60/60
1/4" 70 seal per 5x

COMMON @

POZMIX @

GEL @

CHLORIDE @

HANDLING @

MILEAGE @

EQUIPMENT

PUMP TRUCK # 224 CEMENTER W. Johnson
HELPER R. Norton

BULK TRUCK # 199 DRIVER B. White

BULK TRUCK # DRIVER

TOTAL

APR 17

CONFIDENT SERVICE

DEPTH OF JOB 2250'

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

PLUG @

TOTAL

REMARKS:

mixed 50% @ 2250'

90% @ 1060'

50% @ 440'

10% @ 40'

15% seal hole

Thank You

CHARGE TO: Thoroagland Assoc

STREET 10 Colonial Court

CITY Wichita STATE KS ZIP 67207

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 Walter D. Benson

FOR-KCC USE:

FORM C-1 7/91

FORM MUST BE TYPED

FORM MUST BE SIGNED

ALL BLANKS MUST BE FILLED

EFFECTIVE DATE: 12-10-96

State of Kansas

DISTRICT # 1

NOTICE OF INTENTION TO DRILL

SGA? ... Yes No

Must be approved by the K.C.C. five (5) days prior to commencing well.

Spot 180'S OF

East

.C... .SW... .NE.. Sec ..8.. Twp .21S. S, Rg .35W. xx West

Expected Spud Date ...December.....11.....1996.....
month day year

3120' feet from South / North line of Section
1980' feet from East / West line of Section
IS SECTION X REGULAR IRREGULAR?

(NOTE: Locate well on the Section Plat on Reverse Side)

County:Kearny.....

Lease Name: ..Williams..... Well #: ...1.....

Field Name:

OPERATOR: License # ...31514.....
Name: .Thoroughbred Associates, LLC.....
Address: .10 Colonial Court.....
City/State/Zip: ..Wichita, Kansas 67207.....
Contact Person: ..Robert C. Patton.....
Phone:(316) 685-1512.....

CONTRACTOR: License #: ..30684.....
Name:Abercrombie Drilling, Inc.....

Well Drilled For: Well Class: Type Equipment:
.X. Oil ... Enh Rec ... Infield .X. Mud Rotary
... Gas ... Storage ... Pool Ext. ... Air Rotary
... OWWO ... Disposal .X. Wildcat ... Cable
... Seismic; ... # of Holes ... Other
... Other

If OWWO: old well information as follows:
Operator:
Well Name:
Comp. Date: Old Total Depth

Directional, Deviated or Horizontal wellbore? yes .XX. no
If yes, true vertical depth:.....
Bottom Hole Location.....

Is this a Prorated/Spaced Field? yes .X.. no

Target Formation(s):Marmaton.....

Nearest lease or unit boundary:660'.....

Ground Surface Elevation:Est. 3155... feet MSL

Water well within one-quarter mile: yes .XX. no

Public water supply well within one mile: yes .XX. no

Depth to bottom of fresh water:180'.....

Depth to bottom of usable water:1060'.....

Surface Pipe by Alternate: 1 .X.. 2

Length of Surface Pipe Planned to be set: ...400'.....

Length of Conductor pipe required:N/A.....

Projected Total Depth:5000'.....

Formation at Total Depth:Mississippian....

Water Source for Drilling Operations:

... well farm pond ..X. other

Will Cores Be Taken?: yes .X.. no

If yes, proposed zone:

*** PRORATED AND SPACED IN CHASE
AND COUNCIL GROVE.**

AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.

It is agreed that the following minimum requirements will be met:

1. Notify the appropriate district office prior to spudding of well;
2. A copy of the approved notice of intent to drill shall be posted on each drilling rig;
3. The minimum amount of surface pipe as specified below shall be set by circulating cement to the top; in all cases surface pipe shall be set through all unconsolidated materials plus a minimum of 20 feet into the underlying formation;
4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary prior to plugging;
5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
6. IF AN ALTERNATE II COMPLETION, PRODUCTION PIPE SHALL BE CEMENTED FROM BELOW ANY USABLE WATER TO SURFACE WITHIN 120 DAYS OF SPUD DATE. IN ALL CASES, NOTIFY DISTRICT OFFICE PRIOR TO ANY CEMENTING.

I hereby certify that the statements made herein are true and to the best of my knowledge and belief.

Date: .December 4, 1996...Signature of Operator or Agent: Harold D. ... Title:Partner.....

FOR KCC USE:
 API # 15- 093-215560000
 Conductor pipe required NONE feet
 Minimum surface pipe required 200' feet per Alt. X 2
 Approved by: JK 12-5-96
 This authorization expires: 6-5-97
 (This authorization void if drilling not started within 6 months of effective date.)
 Spud date: _____ Agent: _____

REMEMBER TO:

- File Drill Pit Application (form CDP-1) with Intent to Drill;
- File Completion Form ACO-1 within 120 days of spud date;
- File acreage attribution plat according to field prorotation orders;
- Notify appropriate district office 48 hours prior to workover or re-entry;
- Submit plugging report (CP-4) after plugging is completed;
- Obtain written approval before disposing or injecting salt water.

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202.

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8
21
35W

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

PLAT OF ACREAGE ATTRIBUTABLE TO A WELL IN A PRORATED OR SPACED FIELD

If the intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please show all the wells within 1 mile of the boundaries of the proposed acreage attribution unit for gas wells and within 1/2 mile of the boundaries of the proposed acreage attribution unit for oil wells.

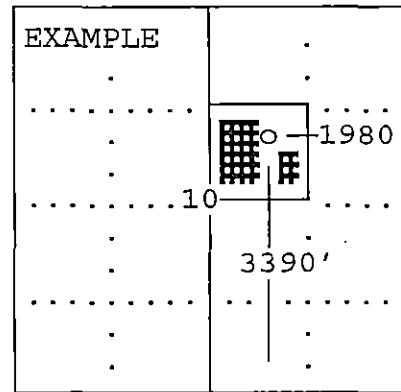
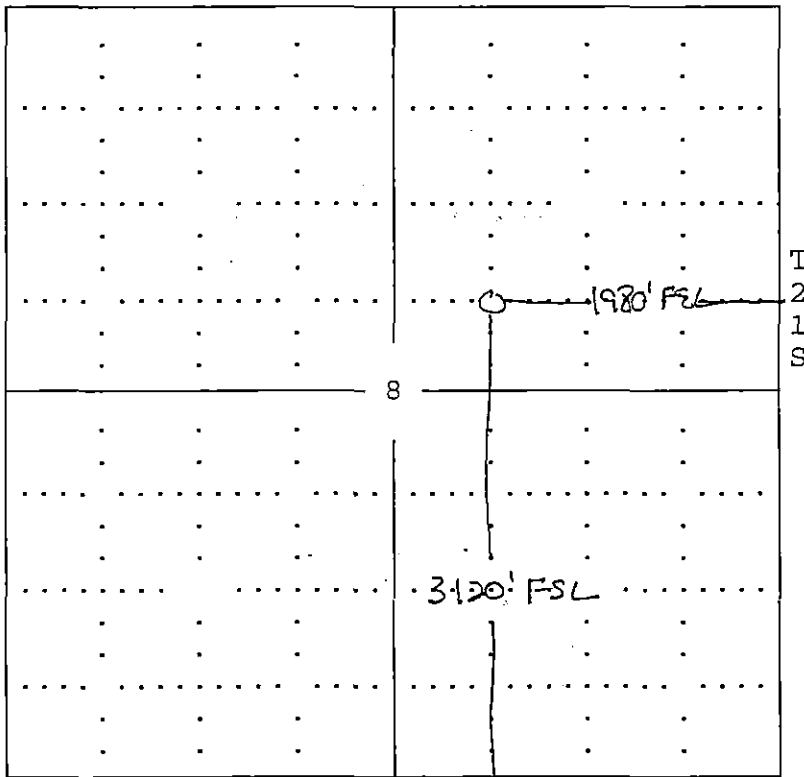
API NO. 15- _____
 OPERATOR _____ LOCATION OF WELL: COUNTY _____
 LEASE _____ feet from south/north line of section _____
 WELL NUMBER _____ feet from east/west line of section _____
 FIELD _____ SECTION _____ TWP _____ RG _____

NUMBER OF ACRES ATTRIBUTABLE TO WELL _____ IS SECTION _____ REGULAR or _____ IRREGULAR
 QTR/QTR/QTR OF ACREAGE _____ - _____ - _____ **IF SECTION IS IRREGULAR, LOCATE WELL FROM NEAREST CORNER BOUNDARY.**

Section corner used: _____ NE _____ NW _____ SE _____ SW
PLAT

(Show location of the well and shade attributable acreage for prorated or spaced wells.)
 (Show footage to the nearest lease or unit boundary line.)

R35W



SEWARD CO.

In plotting the proposed location of the well, you must show:

- 1) The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.;
- 2) the distance of the proposed drilling location from the section's south/north and east/west; and
- 3) the distance to the nearest lease or unit boundary line.

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STATE OF KANSAS
KANSAS CORPORATION COMMISSION
CONSERVATION DIVISION
130 South Market - Room 2078
Wichita, Kansas 67202

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FORM CP-1 (3/92)
FROM CONFIDENTIAL

WELL PLUGGING APPLICATION FORM
(PLEASE TYPE FORM and File ONE Copy)

API # 15-093-21,556 (Identifier number of this well). This must be listed for wells drilled since 1967; if no API# was issued, indicate spud or completion date.

WELL OPERATOR Thoroughbred & Associates, I.L.C. KCC LICENSE # 31514
(owner/company name) (operator's)

ADDRESS 10 Colonial Court CITY Wichita

STATE Kansas ZIP CODE 67207 CONTACT PHONE # (316) 685-1512

LEASE Williams WELL# 1 SEC. 8 T. 21 R. 35 (~~East~~/West)

- - SW - NE SPOT LOCATION/QQQQ COUNTY Kearny

3120 FEET (in exact footage) FROM S/N (circle one) LINE OF SECTION (NOT Lease Line)

1980 FEET (in exact footage) FROM E/W (circle one) LINE OF SECTION (NOT Lease Line)

Check One: OIL WELL GAS WELL D&A SWD/ENHR WELL DOCKET#

CONDUCTOR CASING SIZE SET AT CEMENTED WITH SACKS

SURFACE CASING SIZE 8 5/8" SET AT 412.36' CEMENTED WITH 275 SACKS

PRODUCTION CASING SIZE SET AT CEMENTED WITH SACKS

LIST (ALL) PERFORATIONS and BRIDGEPLUG SETS:

ELEVATION 3172/3177 T.D. 5032' PBDT 5032' ANHYDRITE DEPTH 1443-1482'
(G.L./K.B.) (Stone Corral Formation)

CONDITION OF WELL: GOOD POOR CASING LEAK JUNK IN HOLE

PROPOSED METHOD OF PLUGGING 1st plug at 2250' with 50 sks, 2nd plug at 1060' with 80 sks, 3rd plug

at 440' with 50 sks, 4th plug at 40' with 10 sks, 15 sks rathole, total 205 sks.

(If additional space is needed attach separate page)

IS WELL LOG ATTACHED TO THIS APPLICATION AS REQUIRED? IS ACO-1 FILED? Enclosed

If not explain why? N/A

PLUGGING OF THIS WELL WILL BE DONE IN ACCORDANCE WITH K.S.A. 55-101 et. seq. AND THE RULES AND REGULATIONS OF THE STATE CORPORATION COMMISSION.

LIST NAME OF COMPANY REPRESENTATIVE AUTHORIZED TO BE IN CHARGE OF PLUGGING OPERATIONS:

Walter Brown PHONE# (316) 855-7063

ADDRESS P O Box 1139 City/State Cimarron, Ks. 67835

PLUGGING CONTRACTOR Abercrombie RTD, Inc. KCC LICENSE # 30684

(company name) (contractor's)
ADDRESS 150 No. Main, Ste 801, Wichita, Ks. 67202 PHONE # (316) 262-1841

PROPOSED DATE AND HOUR OF PLUGGING (If Known?) 12:00 a.m. on 12-20-96

PAYMENT OF THE PLUGGING FEE (K.A.R. 82-3-118) WILL BE GUARANTEED BY OPERATOR OR AGENT

DATE: 01-12-96 AUTHORIZED OPERATOR/AGENT: P. Stalter
(signature)

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