

RECEIVED  
KANSAS CORPORATION COMMISSION

MAY 30 2007

CONSERVATION DIVISION  
WICHITA, KS

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL PLUGGING APPLICATION**

Please TYPE Form and File ONE Copy

Form CP-1  
September 2003  
This Form must be Typed  
Form must be Signed  
All blanks must be Filled

API # 15 - 175-20560 0001 (Identifier Number of this well). This must be listed for wells drilled since 1967; if no API # was issued,

indicate original spud or completion date \_\_\_\_\_.

Well Operator: Nichols Fluid Service, Inc. KCC License #: 31983  
(Owner / Company Name) (Operator's)

Address: 316 Industrial Park Ave City: Liberal

State: Kansas Zip Code: 67901 Contact Phone: ( 620 ) 624 - 5582

Lease: Engels Well #: 1 Sec. 32 Twp. 34 S. R. 34  East  West

NW - NW - SW - NE Spot Location / QQQQ County: Seward

3791 Feet (in exact footage) From  North /  South (from nearest outside section corner) Line of Section (Not Lease Line)

2488 Feet (in exact footage) From  East /  West (from nearest outside section corner) Line of Section (Not Lease Line)

Check One:  Oil Well  Gas Well  D&A  Cathodic  Water Supply Well  
 SWD Docket # 15-175-20560 227490 ENHR Docket # \_\_\_\_\_  Other: \_\_\_\_\_

Conductor Casing Size: \_\_\_\_\_ Set at: \_\_\_\_\_ Cemented with: \_\_\_\_\_ Sacks

Surface Casing Size: 8 5/8 Set at: 1753 Cemented with: 520 Sacks

Production Casing Size: \_\_\_\_\_ Set at: \_\_\_\_\_ Cemented with: \_\_\_\_\_ Sacks

List (ALL) Perforations and Bridgeplug Sets: 1144-1188 CIBPQ 1275'

Elevation: 2941 ( G.L. /  K.B.) T.D.: 6740 PBTD: 1275 Anhydrite Depth: \_\_\_\_\_  
(Stone Corral Formation)

Condition of Well:  Good  Poor  Casing Leak  Junk in Hole

Proposed Method of Plugging (attach a separate page if additional space is needed): Kansas Corporation Commission Recommendation

Is Well Log attached to this application as required?  Yes  No Is ACO-1 filed?  Yes  No

If not explain why? Do not know if ACO-1 was filed, well no good, did not use it

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: Danny W. Slater

Nichols Fluid Service, Inc. Phone: ( 620 ) 624 - 5582

Address: 316 Industrial Park Ave City / State: Liberal, Kansas

Plugging Contractor: Sargent & Horton Plugging KCC License #: 31151  
(Company Name) (Contractor's)

Address: RT 1 Box 49BA Tyrone, OK 73951-9731 Phone: ( 580 ) 854 - 6515

Proposed Date and Hour of Plugging (if known?): \_\_\_\_\_

Payment of the Plugging Fee (K.A.R. 82-3-118) will be guaranteed by Operator or Agent  
Date: 05/29/07 Authorized Operator / Agent: Danny W Slater  
(Signature)

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

MAY 30 2007

REQUEST FOR CHANGE OF OPERATOR  
TRANSFER OF INJECTION OR SURFACE POND PERMIT

CONSERVATION DIVISION  
WICHITA, KS

Check Applicable Boxes:

Oil Lease: No. of Wells \_\_\_\_\_ "

Gas Lease: No. of Wells One "

*\*\* Side Two Must Be Completed.*

Saltwater Disposal Well - Docket No. D27,490

Spot Location: 3791 feet from N / S Line  
2488 feet from E / W Line

Enhanced Recovery Project Docket No. \_\_\_\_\_

Entire Project:  Yes  No

Number of Injection Wells \_\_\_\_\_ "

Field Name: Wideawake

Effective Date of Transfer: Nov. 12, 2003

Lease Name: Engel

NE Sec. 32 Twp. 34S R. 34  XW

Legal Description of Lease: \_\_\_\_\_

NE/4

County: Seward

Production Zone(s): Toronto

Injection Zone(s): Glorieta

Surface Pond Permit # \_\_\_\_\_  
(API # If Drill Pit)

\_\_\_\_\_ feet from N / S Line of Section

\_\_\_\_\_ feet from E / W Line of Section

Identify:  Emergency Pit  Burn Pit

Storage Pit  Drill Pit

Past Operator's License No. 4335

Contact Person: Terry Enright

Past Operator's Name & Address: Terrol Energy, Inc.  
P.O. BOX 246, HYGIENE, CO 80533

Phone: 303-772-7819

Date: 11/12/03

Title: President

Signature: Terry Enright

New Operator's License No. 33085

Contact Person: Brent Nichols

New Operator's Name & Address: Nichols, LLC  
Rt 1, Box 8, Forgan, OK 73938

Phone: 580-487-3454

Oil / Gas Purchaser: Timberline

Date: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

**Acknowledgment of Transfer:** The above request for transfer of injection authorization, surface pond permit # \_\_\_\_\_ has been noted, approved and duly recorded in the records of the Kansas Corporation Commission. This acknowledgment of transfer pertains to Kansas Corporation Commission records only and does not convey any ownership interest in the above injection well(s) or pond permit.

\_\_\_\_\_ is acknowledged as the  
new operator and may continue to inject fluids as authorized by

\_\_\_\_\_ is acknowledged as the  
new operator of the above named lease containing the surface pond

Docket # \_\_\_\_\_ Recommended action: \_\_\_\_\_

permitted by # \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Authorized Signature

Authorized Signature

Must Be Filed For All Wells

Lease Name: Engel Location: NE/4 Sec. 32, 34S, 34W

Well No.	API No. (YR DR/LD/PRE '67)	Footage from Section Line (i.e. FSL = Feet from South Line)		Type of Well (Oil/Gas/INJ/WSW)	Well Status (PROD/TA'D/Abandoned)
3-32		4620	660	Gas	Prod
1-SWD		3791	2488	SWD	
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		
		FSL/FNL	FEL/FWL		

A separate sheet may be attached if necessary

\* When transferring a unit which consists of more than one lease please file a separate side two for each lease. If a lease covers more than one section please indicate which section each well is located.

DOCKET # D-27,490

CASING MECHANICAL INTEGRITY TEST

Disposal  Enhanced Recovery:  
Repressuring   
Flood   
Tertiary   
Date injection started \_\_\_\_\_  
API #15 - 175 - 20,560

NW NW SW NE \_\_\_\_\_, Sec 32, T 34 S, R 34 E/W  
3791 Feet from South Section Line  
2488 Feet from East Section Line  
Lease Engel Well # 1  
County Seward

Operator: Terral Energy, Inc.  
Name & Address P.O. Box 227  
Hygiene, CO 80533

Operator License # 4335  
Contact Person Terry D. Enright  
Phone 303-772-7819

Max. Auth. Injection Press. 0 psi; Max. Inj. Rate 500 bbl/d;  
If Dual Completion - Injection above production \_\_\_\_\_ Injection below production \_\_\_\_\_  
Conductor Surface Production Liner Size Tubing  
Size 8 5/8" \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ Size 2 7/8  
Set at 1753' \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ Set at 1100  
Cement Top 0 \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ Type STL-Coated  
" Bottom 1753' \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_  
UV/Perf. \_\_\_\_\_ (and plug back) 6740 (1519) ft. depth  
Packer type \_\_\_\_\_ Size \_\_\_\_\_ Set at \_\_\_\_\_  
Zone of Injection Glorieta Int. CO No. 1144-1188 Perf. or open hole Perf.

Type Mit: Pressure  Radioactive Tracer Survey  Temperature Survey

Time: Start	0	Min.	15	Min.	30	Min.	
1 Pressures:	400		400		400		Set up 1 System Pres. during test <u>0</u>
2							Set up 2 Annular Pres. during test <u>400</u>
3							Set up 3 Fluid loss during test <u>0</u> bbls.

Tested: Casing  or Casing - Tubing Annulus

The bottom of the tested zone is shut in with a CIBP at 1275'.

Test Date 9/29/97 Using Ralph's Hot Oil Company's Equipment

The operator hereby certifies that the zone between 0 feet and 1275 feet was the zone tested  
Terry D. Enright Signature President Title

The results were Satisfactory , Marginal , Not Satisfactory

State Agent Kevin Strube Title PIRT II Witness: Yes  No

REMARKS: Initial test.

Origin. Conservation Div.;  RDE/T;  Dist. Office;  
 Computer Update

KCC Form C-2004

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KANSAS CORPORATION COMMISSION

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CONSERVATION DIVISION  
WICHITA, KS

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

MAY 30 2007

FORM CP-1 (3/92)

CONSERVATION DIVISION  
WICHITA, KS

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

API # 15-175-20,560 (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 Terral Energy, Inc. KCC LICENSE # 4235  
(owner/company name) (operator's)

ADDRESS 601 3rd Ave., Suite 201 CITY Longmont

STATE Colorado ZIP CODE 80501 CONTACT PHONE # (303) 772-7819

LEASE Engel WELL# 1 SEC. 32 T. 34S R. 34 (East/West)

NW-NW-SW-NE SPOT LOCATION/0000 COUNTY Seward

3791 FEET (in exact footage) FROM S/N (circle one) LINE OF SECTION (NOT Lease Line)

2468 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 X DOCKET# D-27,490

CONDUCTOR CASING SIZE \_\_\_ SET AT \_\_\_ CEMENTED WITH \_\_\_ SACKS

SURFACE CASING SIZE 8 5/8 SET AT 1753 CEMENTED WITH 520 SACKS

PRODUCTION CASING SIZE \_\_\_ SET AT \_\_\_ CEMENTED WITH \_\_\_ SACKS

LIST (ALL) PERFORATIONS and BRIDGEPLUG SETS: 1144-1188 CIAPQ 1275'

ELEVATION 2941 T.D. 6740 PETD 1275 ANHYDRITE DEPTH \_\_\_  
(G.L./K.B.) (Stone Corral Formation)

CONDITION OF WELL: GOOD X POOR \_\_\_ CASING LEAK \_\_\_ JUNK IN HOLE \_\_\_

PROPOSED METHOD OF PLUGGING Pump 300 SXS 60/90 Pos w/ 6" bel and  
3 SXS Halls

(If additional space is needed attach separate page)

IS WELL LOG ATTACHED TO THIS APPLICATION AS REQUIRED? No IS ACO-1 FILED? No

If not explain why? Filed Previously

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:

Terry Enright PHONE# 303 772-7819

ADDRESS 601 3rd Ave., Suite 201 City/State Longmont, Colo 80501

PLUGGING CONTRACTOR Allied Cementing KCC LICENSE # \_\_\_  
(company name) (contractor's)

ADDRESS P.O. Box 31, Russell, KS 67665 PHONE # 785 463-2627

PROPOSED DATE AND HOUR OF PLUGGING (If known?)

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

DATE: 12/18/02 AUTHORIZED OPERATOR/AGENT: Terry A. Enright  
(signature)

KANSAS CORPORATION COMMISSION

FROM: ENRIGHT CO  
MAY 30 2007

PHONE NO.: 3037727546

Oct. 05 1998 0:04PM P1/1

SIZE C

CONSERVATION DIVISION  
WICHITA, KS

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

Operator: License # 4336  
Name: Jerral Energy, Inc.  
Address: 3245 Broadway  
City/State/Zip: Boulder, CO 80302

Purchaser: Oklahoma Gas  
Petro Source

Operator Contact Person: Terry D. Enright  
Phone: 303-444-4545

Contractor: License # 5107  
Name: H-30 Drilling, Inc.

Wellsite Geologist: Joseph Blair  
Phone: 316-624-4024

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If OWN: old well info as follows:  
Operator  
Well Name  
Comp. Date  
Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
4-22-88 5-1-88 6-5-88  
Spud Date Date Reached TD Completion Date  
6750' 6400' 5000'  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 7685 feet  
Multiple Stage Cementing Collar Used? Yes  No  
If yes, show depth set \_\_\_\_\_ feet  
alternate 2 completion, cement circulated  
from \_\_\_\_\_ feet depth to \_\_\_\_\_ / \_\_\_\_\_ SX cmt  
Cement Company Name  
Invoice #

API NO. 15-125-21-026

County: Seward

NE NE Sec. 32 Twp. 34S Rge. 34 East  West

4620 Ft North from Southeast Corner of Section  
560 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

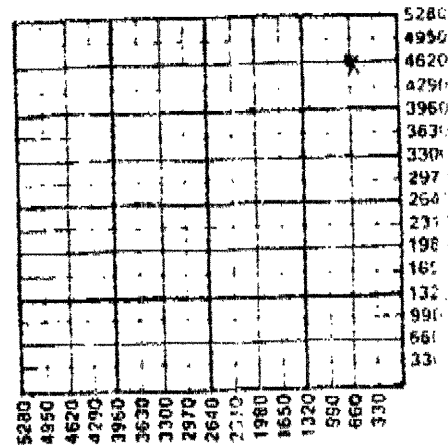
Lease Name: Engel Well #. 3-32.

Field Name: Wideawake

Producing Formation: Upper Chester

Elevation: Ground 2930 KB 2943

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit # T98-196

Groundwater 3795 Ft North from Southeast Corner  
(Well) 2640 Ft West from Southeast Corner of  
Sec 32 Twp 34S Rge 34 East  West

Surface Water \_\_\_\_\_ Ft North from Southeast Corner  
(Stream, pond etc) \_\_\_\_\_ Ft West from Southeast Corner  
Sec Twp Rge East West

Other (explain) \_\_\_\_\_  
(purchased from city, R.H.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested. Confidentiality in excess of 12 months.

FROM : ENRIGHT CO

PHONE NO. : 3037727546

Oct. 05 1998 02:06PM F1-1

SIG 9 J

Operator Name Terrol Energy, Inc. Lease Name Engel Well # 3-02

Sec. 32 Twp. 34S Rge. 34  East  West County Seward

WELL LOG

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  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

Toronto (Interval 4392'-4410')  
 IHP 2003# (30,60,60,120 min.)  
 IF 15-30#  
 ISI 412#  
 FF 30-30#  
 FSIP 821#  
 FHP 2017#

Name	Top	Bottom
Red Bed	0	1,123'
Sand	1,123'	1,309'
Red Bed	1,309'	1,720'
Red Bed and Shale	1,720'	2,340'
Shale and Lime	2,340'	3,885'
Lime and Shale	3,885'	4,085'
Shale and Lime	4,085'	4,644'
Lime and Shale	4,644'	5,055'
Shale and Lime	5,055'	5,233'
Lime and Shale	5,233'	5,545'
Shale and Lime	5,545'	5,760'
Lime and Shale	5,760'	6,000'
Shale and Lime	6,000'	6,405'
Lime and Shale	6,405'	6,575'
Shale and Lime	6,575'	6,730'
Lime and Shale	6,730'	6,750'
Rotary Total Depth		6,750'

Recovery: 80' SGCM

RECEIVED  
 KANSAS CORPORATION COMMISSION

MAY 30 2007

CONSERVATION DIVISION  
 WICHITA, KS

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
Conductor		20"		40'	A yards of grout		
Surface	12-1/4"	8-5/8"	24#	1685'	Lite Class H	500	1% Floseal 21
Production	7-7/8"	4-1/2"	10.5#	6548'	Class H	345	1% Floseal 21

PERFORATION RECORD  
 Shots Per Foot Specify Footage of Each Interval Perforated

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2SPE	4392-4410	1800 Gals. 15% NE	
2SPE	6190-6206	7200 Gals. 15% NE +	Same
	6220-6234	122,405 SCF N <sub>2</sub>	

TUBING RECORD  
 Size 2 3/4 Set At R100 Packer at N/A Liner Run  Yes  No

MAY 30 2007

CONSERVATION DIVISION  
WICHITA, KS

KANSAS CORPORATION COMMISSION  
Temporary Abandonment Well Application

All information must be typed

All Requested Information Must Be Shown

OPERATOR LIC.# 4335  
DATE December 23, 2001  
OPERATOR NAME Terral Energy, Inc  
MAILING ADDRESS P.O. BOX 227  
CITY, STATE Hygiene, CO. ZIP 80533  
CONTACT PERSON Terry Earight PHONE 303-772-7819  
PURCHASER (if known) OLD: \_\_\_\_\_ NEW: Crosstimbers/Timberline

LEASE NAME Engel SEC. 32 TWP. 34 R. 34 COUNTY Seward  
WELL # 3-32 SPOT LOCATION NE-NE 4620 FEET FROM S/W LINE OF SECTION (circle one above)  
API NO. 15-175-21-026 660 FEET FROM E/W LINE OF SECTION (circle one above)  
TYPE OF WELL\* Gas TOTAL DEPTH 6750  
DATE DRILLED 5-01-88 DATE SHUT-IN \_\_\_\_\_  
BUCKET NO. IF EXISTING \_\_\_\_\_

**SURFACE CASING**

**OTHER CASING**

TEMPORARY ABANDONMENT	PLUG BACK DEPTH	PLUG BACK METHOD	DEPTH TO FLUID FROM SURFACE	RL/DP/OD ELEVATION	SIZE	DEPTH	CEMENT AMOUNT	CONDITION OF CASING	SIZE	DEPTH	CEMENT AMOUNT	CONDITION OF CASING
	450B	CIBP	0	2943 N	85/8	1685	500	New	41/2	6548	465	New

REASON FOR THIS REQUEST:

Recomplete lower zones when gas prices improve. Well was recompleted in upper Toronto.

DEPTH AND TYPE OF TOOLS/LINE IN HOLE \_\_\_\_\_

TYPE COMPLETION: ALT. I [ ] ALT. II [X] DEPTH DVT

TUBING IN HOLE: 23/8

CEMENT AMOUNTS 145

PACKER TYPE: \_\_\_\_\_

SIZE \_\_\_\_\_

INCH AT \_\_\_\_\_

4394

FEET

INCH SET AT \_\_\_\_\_

FEET

GEOLOGICAL DATA:

PERFORATION INFO

FORMATION TOP

FORMATION BASE

- Toronto Atr 4391 to 4394 feet Perforation [X] or Open Hole [ ]
- Upper Chester Atr 6190 to 6206 feet Perforation [X] or Open Hole [ ]
- Lower Chester Atr 6220 to 6234 feet Perforation [X] or Open Hole [ ]

DO NOT WRITE IN THIS SPACE - REC LINE ONLY

DATE TESTED

RESULTS

DATE PLUGGED

DATE REPAIRED

DATE PUT BACK IN SERVICE

REVIEW COMPLETED BY: \_\_\_\_\_

COMMENTS: \_\_\_\_\_

T.A. APPROVED: YES [ ] NO [ ]

In all applications complete other side - form must be signed and notarized.

CP-111 Rev. 5/84





CORPORATION COMMISSION

Kathleen Sebelius, Governor   Brian J. Moline, Chair   Robert E. Krehbiel, Commissioner   Michael C. Moffet, Commissioner

**NOTICE OF RECEIPT OF WELL PLUGGING APPLICATION (CP-1)**

NICHOLS FLUID SERVICE, INC.  
316 INDUSTRIAL PARK AVE.  
LIBERAL, KS 67901

June 11, 2007

Re: ENGEL #1  
API 15-175-20560-00-01  
32-34S-34W, 3791 FSL 2488 FEL  
SEWARD COUNTY, KANSAS

Dear Operator:

This letter is to notify you that the Conservation Division has received your plugging proposal, form CP-1, for the above well and has reviewed the proposal for completeness. The central office will now forward your CP-1 to the district office listed below for review of the proposed plugging method. **Please contact the district office for approval of your proposed plugging method at least five (5) days before plugging the well, pursuant to K.A.R. 82-3-113(b). If a workover pit will be used during the plugging of the well it must be permitted. A CDP-1 form must be filed and approved prior to the use of the pit in accordance with K.A.R. 82-3-600.**

The Conservation Division's review of form CP-1, either in the central or district office, does not include an inquiry into well ownership or the filing operator's legal right to plug the well. This notice in no way constitutes authorization to plug the above well by persons not having legal rights of ownership or interest in the well. **This notice is void after 180 days from its date. The CP-1 filing does not bring the above well into compliance with K.A.R. 82-3-111 with regard to the Commission's temporary abandonment requirements.**

Sincerely

Steve Bond  
Production Department Supervisor

District: #1  
210 E Frontview, Suite A  
Dodge City, KS 67801  
(620) 225-8888