

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 - 145-21536-00-00 (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 Spud 03-09-06

Well Operator: Cleary Petroleum Corporation KCC License #: 32566

Address: 2601 N.W. Expressway, Suite 801W City: Oklahoma City

State: OK Zip Code: 73112-7221 Contact Phone: (405) 848 - 5019

Lease: Lupfer Well #: 1-12 Sec. 12 Twp. 22 S. R. 18  East  West

C - NE - NE - NE Spot Location / QQQQ County: Pawnee

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

330 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 # \_\_\_\_\_  ENHR Docket # \_\_\_\_\_  Other: \_\_\_\_\_

Conductor Casing Size: None Set at: \_\_\_\_\_ Cemented with: \_\_\_\_\_ Sacks

Surface Casing Size: 8-5/8" Set at: 812' Cemented with: 450 Sacks

Production Casing Size: 5-1/2" Set at: 4,109' Cemented with: 325 Sacks

List (ALL) Perforations and Bridgeplug Sets: Perfs 4,053'-4,073'; 4,080'-4,100'; CIBP @ 4,040' capped w/ 2 sacks cement (16.48)';

Perfs 3,830'-3,836'

Elevation: 2,044' ( G.L. /  K.B.) T.D.: 4,110' PBDT: 4,104' Anhydrite Depth: 1,117'

(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): see attached

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

If not explain why? \_\_\_\_\_

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: George Moore

Cleary Petroleum Corporation Phone: (620) 886 - 2038

Address: 2601 N.W. Expressway, Suite 801W City / State: Oklahoma City, OK

Plugging Contractor: Operator to plug. KCC License #: 32566

(Company Name) (Contractor's)

Address: \_\_\_\_\_ Phone: ( ) -

Proposed Date and Hour of Plugging (if known?): Unknown; will give minimum 48 hr. notice to KCC.

Payment of the Plugging Fee (K.A.R. 82-3-118) will be guaranteed by Operator or Agent

Date: 08-17-06 Authorized Operator / Agent: \_\_\_\_\_

(Signature)

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

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**WELL SCHEMATIC  
LUPFER # 1-12  
NE/4 Section 12-T22S-R18W  
Pawnee County, Kansas**

DRAWN BY: GUS GUSTAFSON

DATE: 08/15/06 (updated)

**SPUD:** 03-09-06 (16:30)  
**COMP:**

GROUND ELEVATION: 2,035'  
DF ELEVATION: 2,042'  
KB TO GL: 9'

**Surface** Top of cement second stage  
5-1/2" production casing

**580'** Top of cement from bond log run on  
3-14-06

**1,328'** Water flow from possibly Dakota  
formation up to surface at a rate of 30 to 40 bph.  
Set cement retainer @ 678' on DP, pumped 48  
bbls of cement in hole and 10 bbls to pit.  
Cement yield 1.08 cu ft/sk. 300 total sacks.

Suspect got between 3 to 14 bbls into formation  
(based on 0% to 35% hole wash out)  
Drilled to 1,081' when the well started flowing (~  
1 gpm), suspect Cedar Hills formation.

**2-3/8"** 4.7 lb/ft, J-55, EUE Tubing  
drift=1.901"  
Capacity = 0.00387 bbls/ft; 0.1624 gal/ft

**5-1/2"** 15.5 lb/ft J-55 LTC Casing  
drift=4.825 ID= 4.950"  
Capacity=0.0238 bbls/ft; 0.9997 gal/ft

**812'**  
8-5/8" SURFACE 24 lb/ft J-55  
Cemented with 300 sx 65/35 w/2%  
gel, 3% cc, 1/4# FS, 150 sx common  
3% cc, 2% gel, 1/4# FS, Displaced  
with water. Circulated 9 bbls  
cement to pit and float held, plugged  
down at 3:00 p.m. WOC 12 hrs.

**1,143'** Top of DV Tool  
**2<sup>nd</sup> Stage:** 125 sks 65/35 Poz-mix w/ with 3% CaCl,  
6% gel & 1/4 #/sx Flo-Seal, followed by 100 sks  
Class A w/ 3% CaCl, 2% gel & 1/4 #/sx Flo-Seal.  
Plug down at 7:30 AM 3-23-06, circ **15 bbls cement**  
to pit.

**4,029.56'** (124 jts) 2-3/8" 4.7 lb/ft, J-55, EUE Tubing

**TUBING DETAILS**

Item	Length	Depth
KB	9.00	(0.00)
116 Jts 2-3/8" J-55 4.7# tbg	3752.60	3,761.60
Seat Nipple 2-3/8"	1.10	3,762.70
Model R Packer Top		3,762.70

**2,610'** Top of cement first stage

**3,763'** Top of Model R Packer

**Lansing Perforations**

**3,830' to 3,836' (6') 2SPF**

**Basal Penn. Conglomerate Perforations**

**4,053' to 4,073' (20 ft section w/ 2 JSPF) (2<sup>nd</sup> set)**  
**4,080' to 4,100' (first set)**

**CIBP set at 4,040'**  
Capped with 2 sacks cement (16.48')

**4,109'**  
5-1/2" 15.5 lb/ft, LTC K-55  
Cemented **1<sup>st</sup> Stage:** 200 sks Class H w/ 10% salt,  
10% Cal-Seal, 6 #/sx Kol-Seal (Gilsonite), 0.6% FL  
160 (Halad 322) and 1/4 lb/sx Flo-Seal. **2<sup>nd</sup> stage.**  
**2<sup>nd</sup> Stage:** 125 sks 65/35 Poz-mix w/ with 3% CaCl,  
6% gel & 1/4 #/sx Flo-Seal, followed by 100 sks  
Class A w/ 3% CaCl, 2% gel & 1/4 #/sx Flo-Seal.  
Plug down at 7:30 AM 3-23-06, circ 15 bbls cement  
to pit.

PBTD: **4,024' MD**  
**4,024' TVD**

TD: **4,110' MD**  
**4,110' TVD**

Casing tested to 1000 psi 30 min. 06-01-06

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**WELL SCHEMATIC  
LUPFER # 1-12  
NE/4 Section 12-T22S-R18W  
Pawnee County, Kansas**

DRAWN BY: GUS GUSTAFSON

DATE: 08/15/06 (updated)

**PROPOSED PLUG AND ABANDONMENT**

**SPUD:** 03-09-06 (16:30)  
**COMP:**

**GROUND ELEVATION:** 2,035'  
**DF ELEVATION:** 2,042'  
**KB TO GL:** 9'

**Surface** Top of cement second stage  
5-1/2" production casing

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formation up to surface at a rate of 30 to 40 bph.  
Set cement retainer @ 678' on DP, pumped 48  
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Drilled to 1,081' when the well started flowing (~  
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drift=1.901"  
Capacity = 0.00387 bbls/ft; 0.1624 gal/ft

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drift=4.825 ID= 4.950"  
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**812'**  
8-5/8" SURFACE 24 lb/ft J-55  
Cemented with 300 sx 65/35 w/2%  
gel, 3% cc, 1/4# FS, 150 sx common  
3% cc, 2% gel, 1/4# FS, Displaced  
with water. Circulated 9 bbls  
cement to pit and float held, plugged  
down at 3:00 p.m. WOC 12 hrs.

Well bore filled with cement from ± 1,193' top of CIBP  
to 6' below surface { 158.2 cubic ft, 28.2 BBLs }

**1,143'** Top of DV Tool  
**2<sup>nd</sup> Stage:** 125 sks 65/35 Poz-mix w/ with 3% CaCl,  
6% gel & 1/4 #/sx Flo-Seal, followed by 100 sks  
Class A w/ 3% CaCl, 2% gel & 1/4 #/sx Flo-Seal.  
Plug down at 7:30 AM 3-23-06, circ **15 bbls cement**  
to pit.

**Proposed CIBP set at ± 1,193'**

Well bore filled with 2% KCl water with biocide

**2,610'** Top of cement first stage

**Proposed CIBP set at ± 3,800'**  
Capped with 2 sacks cement (16.48')

**Lansing Perforations**

**3,830' to 3,836' (6' ) 2SPF**

**CIBP set at 4,040'**  
Capped with 2 sacks cement (16.48')

**Basal Penn. Conglomerate Perforations**

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Casina tested to 1000 psi 30 min. 06-01-06

**PBTD: 4,024' MD**  
**4,024' TVD**

**TD: 4,110' MD**  
**4,110' TVD**

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**Cleary Petroleum Corporation**

2601 NW Expressway, Suite 801W

Oklahoma City, OK 73112-7221

Voice: 405/ 848-5019 Fax: 405/ 848-0748

**Plug and Abandonment Procedure**

**Lupfer 1-12**

**Lansing Formation**

August 16, 2005

**Lease & Well:** Lupfer 1-12

**Location:** NE/4, (330' FNL & 330' FEL)  
Section 12 – 22S – 18W  
Pawnee County, KS

**Driving Directions:** From intersection of U.S. Hwy 56 & North/South County Road (FAS 976), approximately 1 mile NE of Garfield, KS go:

- North 4-3/4 miles on County Road (FAS 976)
- West 1 mile
- South 1/16 mile
- West into location

**Elevations:** Ground: 2,035' KB: 2,044' (9' KB)

**Depth:** TD: 4,110' PBTD: 4,024'

**Casing and Tubing: Information is appended to procedure**

**Present completion:** Lansing 3,830' to 3,836' (6') 2SPF

This interval proved to be wet and unproductive.

**Note:** Well bore is filled with 2% KCl water with biocide.

1. Notify KCC field inspector about preparing to commence plug and abandonment operations.
2. Road workover unit to location. Move in and rig up workover unit.
3. Nipple down tree and nipple up double ram manual BOP.

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**Cleary Petroleum Corp.**  
**Lupfer 1-12**  
**Plug and Abandonment Procedure**  
**Page 2**

4. Unseat packer set at 3,763'. Pull out of hole laying down 2-3/8" tubing, rack back 19 stands in derrick for further operations.
5. Move in and rig up E-line unit. Set CIBP at  $\pm 3,800'$  (be sure not to set in casing collar). Make dump bailer runs to cap CIBP with 2 sacks cement yielding a 16.48' cement cap on CIBP. Run CBL-GR from 1,200' back to surface to evaluate bonding. Advise office of bonding.
6. Rig up E-line unit to set CIBP. Set CIBP at  $\pm 1,193'$  (be sure not to set in casing collar). Pressure test CIBP to 500 psi. Rig down E-line unit.
7. Nipple down BOP. Remove well head and install running plate.
8. Trip in hole with 2-3/8" tubing to above CIBP previously set at  $\pm 1,193'$ .
9. Rig up cement pump truck and test lines. Mix and pump balanced cement plug down 2-3/8" tubing from top of CIBP to  $\pm 493'$  (calculated cement volume 94 cubic feet; 16.6 BBLs). Pull out of hole laying down all 2-3/8" tubing except for 8 stands and single. Mix and pump balanced cement plug down 2-3/8" tubing from  $\pm 493'$  to 6' below surface. Pull out of hole laying down remainder joints of 2-3/8" tubing.
10. Rig down and release pulling unit and other rental equipment.
11. Cut off 5-1/2" and 8-5/8" casing off at 6' below ground level. Weld steel plate on 5-1/2" and 8-5/8" casing. The plate should have Well Name and date plugged on it.
12. Transfer tubing to Froetschner location. Once tubing has been removed from location contact dirt contractor to reclaim location pad and reserve pit. Notify surface tenant of well status.

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**Cleary Petroleum Corp.**  
**Lupfer 1-12**  
**Plug and Abandonment Procedure**  
**Page 3**

**Contact Information:**

**Cleary Petroleum:**

Well Site Supervisor:	George Moore	405/650-8070 OK ~ Mobile 620/886-2038 KS ~ Mobile
	Jerry Elgin, Vice President, Operations	405/ 848-5019 Ext. 221 405/ 313-8002 Mobile
	Dale Whybark, Vice President, Exploration	405/ 848-5019 Ext. 207 405/ 740-0501 Mobile

**Kansas Corporation Commission:**

▪ Dodge City District Office:		620/ 225-8888
○ District Manager: – Steve Durrant		620/ 338-1215 Mobile
○ Inspector: – Richard Lacy		620/ 338-1610 Mobile

**Completion / Workover Rig:**

▪ Best Well Service, Inc.	Liberal, KS	620/ 624-0347 Office 620/ 655-7822 Mobile
○ Justo		

**Rental Tools:**

▪ Leiker Well Service, Inc.	Great Bend, KS	620/ 793-5976 620/ 793-2336 Mobile
○ Dave Leiker		

**Tubing – WB Supply Co.:**

▪ Jerod Cambern		806/ 669-1103
▪ Renae Hotz, VP Sales		720/ 200-0535 Denver Office 303/ 888-6446 Mobile

**Canary Wellhead Equipment:**

▪ Mark Miller		405/ 670-2806
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**Wireline:**

▪ Rosel	OKC Office:	800/ 279-4941
▪ Eric Rosel		405/ 249-6526 Mobile

**Dozer Service:**

▪ Keller Dirt Const		620/ 672-3661 Office
▪ Cliff Keller		620/ 546-4129 Mobile

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**Contacts (Continued)**

**Road Const / Rock:**

▪ Dakota Dirt	Great Bend	620/ 792-5710
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**Welder:**

Ravenstien Welding Ryan Ravenstein		620/ 727-3369
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**Oilfield Supply**

▪ Summit Supply	Oklahoma City, OK	405/ 677-3044
▪ National Oilwell	Great Bend:	620/ 793-8433

**Tank Trucks**

▪ Paul's Oilfield Service	Great Bend, KS	620/ 793-9373
▪ Tim Schreiber		620/ 793-2635 Mobile

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**Production Casing**

<b>Interval</b>	<b>Size</b>	<b>Weight</b>	<b>Grade</b>	<b>Thread</b>	<b>Burst</b>	<b>Collapse</b>	<b>Jt. Strength</b>
0 to 4,109' 1,143'	5-1/2"	15.5#	J-55	LTC	4,810 psi	4,040 psi	248,000#

DV Tool set @ 1,143'

Collapse, burst and joint strength are based on new casing values with no safety factor. The 15.5 lb/ft casing ID is 4.950" and drift is 4.825". Capacity = 0.02380 bbl/ft or 0.9997 gal/ft

**Production Tubing Design:**

<b>Interval</b>	<b>Size</b>	<b>Weight</b>	<b>Grade</b>	<b>Thread</b>	<b>Burst</b>	<b>Collapse</b>	<b>Jt. Strength</b>
0 to ± 3,750'	2-3/8"	4.7#	J-55	EUE	7,700	8,100	71,730

Collapse, burst and joint strength are based on new tubing values with no safety factor. The 4.7 lb/ft tubing ID is 1.995" and drift is 1.901". Capacity = 0.00387 bbl/ft or 0.1624 gal/ft

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KANSAS

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)**

Cleary Petroleum Corporation  
2601 NW Expressway Suite 801W  
Oklahoma City, OK 73112-7221

August 23, 2006

Re: LUPFER #1-12  
API 15-145-21536-00-00  
NENENE 12-22S-18W, 330 FNL 330 FEL  
PAWNEE COUNTY, KANSAS

Dear Operator:

This letter is to notify you that the Conservation Division is in receipt of your plugging proposal, form CP-1, for the above-captioned well.

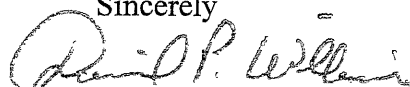
Your CP-1 has been reviewed by the Conservation Division central office for completeness and to verify license numbers. The plugging proposal will now be forwarded to the district office listed below for review of your proposed method of plugging.

**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.**

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-captioned well by persons not having legal rights of ownership or interest in the well. This notice is void after ninety (90) days from the above date.**

Sincerely



David P. Williams  
Production Supervisor

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