

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32566
Name: Cleary Petroleum Corporation
Address: 2601 N.W. Expressway, Suite 801W
City/State/Zip: Oklahoma City, OK 73112-7221
Purchaser: None
Operator Contact Person: Jerry Elgin
Phone: (405) 848-5019
Contractor: Name: Fossil Drilling, Inc.
License: 33610
Wellsite Geologist: Dale Whybark
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____
03-09-06 03-23-06 08-02-06
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 145-21536-00-00
County: Pawnee
C NE NE Ne Sec. 12 Twp. 22 S. R. 18 East West
330 feet from S N (circle one) Line of Section
330 feet from E W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Lupfer Well #: 1-12
Field Name: _____
Producing Formation: _____
Elevation: Ground: 2,035' Kelly Bushing: 2,044'
Total Depth: 4,110' Plug Back Total Depth: 4,104'
Amount of Surface Pipe Set and Cemented at 812 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1,143' Feet
If Alternate II completion, cement circulated from 1,143'
feet depth to surface w/ _____ sx cmt.

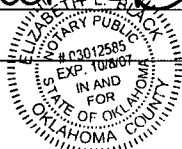
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 9,500 ppm Fluid volume 240 bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: Pintail Petroleum
Lease Name: Dipman SWD License No.: 5088
Quarter _____ Sec. 34 Twp. 21 S. R. 6 East West
County: Pawnee Docket No.: _____

Alt 1 - Dig - 2/10/09

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 of 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: Jerry Elgin
Title: Vice-President, Operations Date: 08-17-06
Subscribed and sworn to before me this 16 day of August
20
Notary Public: Elizabeth Beck
Date Commission Expires: _____



KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____

Wireline Log Received
 Geologist Report Received
 UIC Distribution

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Operator Name: Cleary Petroleum Corporation Lease Name: Lupfer Well #: 1-12
 Sec. 12 Twp. 22 S. R. 18 East West County: Pawnee

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Compact Photo Density/Comp Neutron Micro Resistivity Array Induction Shallow Focussed Electric Log	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Lansing</td> <td>3,653'</td> <td>(-1,609)</td> </tr> <tr> <td>Swope</td> <td>3,877'</td> <td>(-1,833)</td> </tr> <tr> <td>Hertha</td> <td>3,921'</td> <td>(-1,877)</td> </tr> <tr> <td>Base Penn. Lime</td> <td>4,068'</td> <td>(-2,024)</td> </tr> <tr> <td>Basal Penn. Conglomerate</td> <td>4,093'</td> <td>(-2,049)</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Lansing	3,653'	(-1,609)	Swope	3,877'	(-1,833)	Hertha	3,921'	(-1,877)	Base Penn. Lime	4,068'	(-2,024)	Basal Penn. Conglomerate	4,093'	(-2,049)
<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample																				
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Basal Penn. Conglomerate	4,093'	(-2,049)																				

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	12-1/4"	8-5/8"	24 lbs.	812	Common	450	3% CaCl
Production	7-7/8"	5-1/2"	15.5 lbs.	4,109	H	200	10% Salt, 10% Calseal, 0.6% FL160
Stage Tool	7-7/8"	5-1/2"	----	1,143	65/35 Poz	125	3% CaCl

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 checked="" type="checkbox"/> Plug Off Zone	678'-1,328'	Premium CI "G"	250	2% Calcium Chloride

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
1 SPF	4,080' - 4,100'	1,100 gal. 7-1/2% NE-FE HCl Acid & 32 bio ball sealers	4,080'-4,100'
1 SPF	4,072' - 4,080'		
2 SPF	4,053' - 4,073'	5,000 gal. 10% NE-FE HCL Acid & 125 bio ball sealers	4,053'-4,100'
	CIBP @ 3,997' capped w/ 2 sack cmt		
2 SPF	3,830' - 3,836'	1,000 gal 15% NE-FE HCL Acid & 20 bio ball sealers	3,830'-3,836'

TUBING RECORD	Size 2-3/8"	Set At 3,763'	Packer At 3,763'	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
---------------	----------------	------------------	---------------------	---

Date of First, Resumerd Production, SWD or Enhr.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) Swab			
Estimated Production Per 24 Hours	Oil Bbls. 0	Gas Mcf 0	Water Bbls. 3	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 Other (Specify) Dry - P&A

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ALLIED CEMENTING CO., INC.

23647

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

SERVICE POINT:

Not Bond

DATE <u>3-10-06</u>	SEC. <u>12</u>	TWP. <u>22</u>	RANGE <u>18</u>	CALLED OUT <u>4:00 AM</u>	ON LOCATION <u>8:00 AM</u>	JOB START <u>2:00 PM</u>	JOB FINISH <u>3:00 PM</u>
LEASE <u>LuPac</u>	WELL # <u>1-12</u>	LOCATION <u>Amfield 1E, 4 1/2 N, 1 W, 1/4 S 1/5</u>			COUNTY <u>Rawl</u>	STATE <u>K</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Fossil Dwy
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4" T.D. 816'
 CASING SIZE 8 5/8" 24" DEPTH 812'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 41.68'
 CEMENT LEFT IN CSG 41.68'
 PERFS. _____
 DISPLACEMENT 49 1/4 bbls

OWNER Same
 CEMENT
 AMOUNT ORDERED 3000 lb 6 5/8 1670 lb 35 cc
1/4" floored - 1500 lb Common 35 cc 290 lb
1/4" floored

EQUIPMENT
 PUMP TRUCK CEMENTER Tom D
 # 181 HELPER Rich H
 BULK TRUCK
 # 259 DRIVER Terry L
 BULK TRUCK
 # _____ DRIVER _____

COMMON	<u>1500 lb</u>	@	<u>9.60</u>	<u>1440.00</u>
POZMIX		@		
GEL	<u>300</u>	@	<u>15.00</u>	<u>4500</u>
CHLORIDE	<u>1400</u>	@	<u>4.00</u>	<u>5600</u>
ASC		@		
4LW	<u>3000</u>	@	<u>8.95</u>	<u>2685.00</u>
HOSEA	<u>112 #</u>	@	<u>1.80</u>	<u>201.60</u>
RECEIVED		@		
AUG 21 2006		@		
KCC WICHITA		@		
HANDLING	<u>Small</u>	@	<u>1.70</u>	<u>850.00</u>
MILEAGE	<u>500 MI 07</u>	@	<u>32</u>	<u>1120.00</u>
TOTAL				<u>6989.60</u>

REMARKS:

Run 812' of 8 5/8" casing. Break circulation
Min 3000 lb 6 5/8 1670 lb 35 cc 1/4" floored -
1500 lb Common 35 cc 290 lb 1/4" floored
Release Plug. Displaced with Fresh H₂O.
Cement did circulate. Float did hold.

SERVICE

DEPTH OF JOB	<u>812'</u>			
PUMP TRUCK CHARGE				<u>735.00</u>
EXTRA FOOTAGE	<u>512'</u>	@	<u>60</u>	<u>307.20</u>
MILEAGE	<u>32</u>	@	<u>5.00</u>	<u>160.00</u>
MANIFOLD		@		
TOTAL				<u>1202.20</u>

CHARGE TO: Cleary Petroleum
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

1- 8 5/8 Rubber Plug	@	<u>100.00</u>	<u>100.00</u>
1- 8 5/8 API Joint	@	<u>325.00</u>	<u>325.00</u>
2- 8 5/8 Baskets	@	<u>180.00</u>	<u>360.00</u>
5- 8 5/8 Centralizers	@	<u>55.00</u>	<u>275.00</u>
1- 8 5/8 Gray Ring	@	<u>30.00</u>	<u>30.00</u>
TOTAL			<u>1090.00</u>

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

[Signature]

X Dennis Green
 PRINTED NAME

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

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MAR 20 2006

BY: _____

Sold To #: 301408	Ship To #: 2484830	Quote #:	Sales Order #: 4271992
Customer: CLEARY PETROLEUM CORP		Customer Rep: GREEN, DENNY	
Well Name: LUPSER	Well #: 1-12	API/UWI #:	
Field:	City (SAP): UNKNOWN	County/Parish: Pawnee	State: Kansas
Contractor: FOSSEL DRLG	Rig/Platform Name/Num: 1		
Job Purpose: Squeeze Casing Shoe			
Well Type: Development Well		Job Type: Cementing	
Sales Person: TAYLOR, JIMMIE		Srvc Supervisor: EVANS, JERRAKO	MBU ID Emp #: 212723

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BUTTRY, CHAD Lucas	3.5	317429	EVANS, JERRAKO W	3.5	212723	FERGUSON, ROSCOE G	3.5	106154

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10219237	160 mile	10240236	160 mile	10240245	160 mile	10415642	160 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
					12 - Mar - 2006	21:00	CST
Form Type			BHST	On Location	13 - Mar - 2006	02:00	CST
Job depth MD	812 ft		Job Depth TVD	812 ft	Job Started	13 - Mar - 2006	03:30
Water Depth			Wk Ht Above Floor	3 ft	Job Completed	13 - Mar - 2006	04:20
Perforation Depth (MD)	From		To		Departed Loc	13 - Mar - 2006	05:30

Well Data

Description	New / Used	Max pressure	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
8 5/8 SURF CASING	Used		8.625	8.097	24			0	812		
4 1/2 DRILL PIPE	Used		4.5	3.826	16.6			0	678		
7 7/8 OPEN HOLE				7.875				812	1328		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

Fluid Data

Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	

Summit Version: 301408
Prpsl #:

7.00.248

Monday, March 13, 2006 04:51:00

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KCC WICHITA

2484830
4271992

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	PREM G 2% CC BLENDED	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)	150	sacks	16.4	1.08	4.37		4.37
	2 %	CALCIUM CHLORIDE - HI TEST PELLETT (100005053)							
	4.371 Gal	FRESH WATER							
2	PREM G 2% CC ON THE SIDE	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)	150	sacks	16.4	1.08	4.37		4.37
	2 %	CALCIUM CHLORIDE - HI TEST PELLETT (100005053)							
	4.371 Gal	FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe	Amount	0 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					

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The Road to Excellence Starts with Safety

Sold To #: 301408	Ship To #: 2484830	Quote #:	Sales Order #: 4271992
Customer: CLEARY PETROLEUM CORP		Customer Rep: GREEN, DENNY	
Well Name: LUPSER	Well #: 1-12	API/UWI #:	
Field:	City (SAP): UNKNOWN	County/Parish: Pawnee	State: Kansas
Legal Description:			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: FOSSEL DRLG		Rig/Platform Name/Num: 1	
Job Purpose: Squeeze Casing Shoe			Ticket Amount: \$ 26,382.31
Well Type: Development Well		Job Type: Cementing	
Sales Person: TAYLOR, JIMMIE		Srvc Supervisor: EVANS, JERRAKO	MBU ID Emp #: 212723

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	03/12/2006 21:00							
Crew Leave Yard	03/12/2006 22:30							
Arrive At Loc	03/13/2006 02:00							
Assessment Of Location Safety Meeting	03/13/2006 02:05							
Rig-Up Equipment	03/13/2006 02:15							
Other	03/13/2006 02:15							PULLING COLLARS OUT OF HOLE
Other	03/13/2006 02:30							RUN DP & TOOL IN HOLE IN HOLE TO 678 FT
Test Lines	03/13/2006 03:31					3300		
Pump Cement	03/13/2006 03:35		3	58		35		300 SX PREM H @16.4#
Other	03/13/2006 03:47		2		35	250		PRESSURE COMING UP SLOW RATE
Other	03/13/2006 03:49		1		42	500		PRESSURE COMING UP SLOW RATE
Other	03/13/2006 03:54		1		46	200		PRESSURE BROKE BACK CONTINUE PUMPING SLOW
Clean Lines	03/13/2006 04:03							
Pump Displacement	03/13/2006 04:06		1	0		1300		FRESH WATER/ PUMP 1/2 BBL PRESSURD UP / SHUT DOWN
Other	03/13/2006 04:11		4				175	PULL LOOSE FROM RETAINER/ REVERSE CIRC WELL
End Job	03/13/2006 04:25							

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KCC WICHITA

Sold To # :

Ship To # :

Quote # :

Sales Order # :

SUMMIT Version:

Monday, March 13, 2006 04:51:00

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

PROPOSED PLUG AND ABANDONMENT

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.

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

4,109'
 5-1/2" 15.5 lb/ft, LTC K-55
 Cemented 1st Stage: 200 sks Class H w/ 10% salt,
 10% Cal-Seal, 6 #/sx Kol-Seal (Gilonite), 0.6% FL
 160 (Halad 322) and 1/4 lb/sx Flo-Seal. 2nd stage.
 2nd 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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 KCC WICHITA

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
○ Justo		620/ 655-7822 Mobile

Rental Tools:

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

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
---------------	--	---------------

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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KCC WICHITA

Contacts (Continued)

Road Const / Rock:

- Dakota Dirt Great Bend 620/ 792-5710

Welder:

- Ravenstien Welding
Ryan Ravenstein 620/ 727-3369

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

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

1,143' DV Tool set @ 1.143'

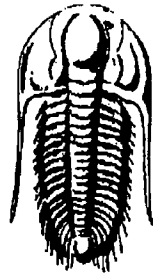
Collapse, burst and joint strength are based on new casing values with no safety factor. The 15.5 lb/ft casing ID is 4.950" and drift is 4.825". Capacity = 0.02380 bbl/ft or 0.9997 gal/ft

Production Tubing Design:

Interval	Size	Weight	Grade	Thread	Burst	Collapse	Jt. Strength
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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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Cleary Petroleum Corp**

2601 NW Expy Ste 801N
Oklahoma City Ok 73112

ATTN: Denny Green

12-22S-18W Pawnee

Lupfer #1-12

Start Date: 2006.03.20 @ 21:37:34

End Date: 2006.03.21 @ 07:49:47

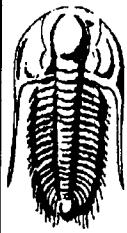
Job Ticket #: 24762 DST #: 1

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KANSAS CORPORATION COMMISSION

DEC 17 2007

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Cleary Petroleum Corp
2601 NW Expy Ste 801N
Oklahoma City Ok 73112
ATTN: Denny Green

Lupfer #1-12
12-22S-18W Pawnee
Job Ticket: 24762 **DST#: 1**
Test Start: 2006.03.20 @ 21:37:34

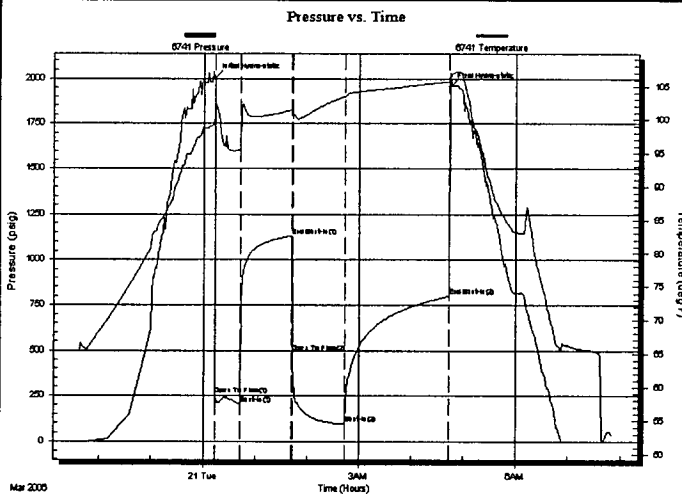
GENERAL INFORMATION:

Formation: **Conglomerate**
Deviated: **No Whipstock:** ft (KB) Test Type: **Conventional Bottom Hole**
Time Tool Opened: 00:13:02 Tester: **Jack Fox**
Time Test Ended: 07:49:47 Unit No: **29**

Interval: **4045.00 ft (KB) To 4100.00 ft (KB) (TVD)** Reference Elevations: 2044.00 ft (KB)
Total Depth: **4100.00 ft (KB) (TVD)** 2035.00 ft (CF)
Hole Diameter: **7.85 inches** Hole Condition: **Fair** KB to GR/CF: 9.00 ft

Serial #: 6741 **Inside**
Press@RunDepth: 97.90 psig @ 4082.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2006.03.20 End Date: 2006.03.21 Last Calib.: 2006.03.21
Start Time: 21:37:34 End Time: 07:49:47 Time On Btm: 2006.03.21 @ 00:12:47
Time Off Btm: 2006.03.21 @ 04:44:02

TEST COMMENT: IF BOB ASAO Very strong blow Gas to Surface 5 mm
FF Gauge gas to pit



PRESSURE SUMMARY

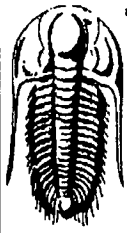
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2006.92	100.11	Initial Hydro-static
1	255.98	99.97	Open To Flow (1)
29	199.58	95.19	Shut-In(1)
90	1128.48	101.42	End Shut-In(1)
91	487.17	100.05	Open To Flow (2)
151	97.90	103.45	Shut-In(2)
271	799.69	105.76	End Shut-In(2)
272	1955.36	105.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	Mud	4.08

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	38.00	818.48
Last Gas Rate	0.75	8.00	349.88
Max. Gas Rate	0.75	54.00	1068.40



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Cleary Petroleum Corp
2601 NW Expy Ste 801N
Oklahoma City Ok 73112
ATTN: Denny Green

Lupfer #1-12
12-22S-18W Pawnee
Job Ticket: 24762 **DST#: 1**
Test Start: 2006.03.20 @ 21:37:34

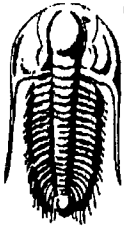
Tool Information

Drill Pipe:	Length: 4004.00 ft	Diameter: 3.80 inches	Volume: 56.17 bbl	Tool Weight: 25000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 56.32 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	4045.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.00 ft			
Tool Length:	84.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4017.00	
Shut In Tool	5.00			4022.00	
Hydraulic tool	5.00			4027.00	
Jars	5.00			4032.00	
Safety Joint	3.00			4035.00	
Packer	5.00			4040.00	29.00 Bottom Of Top Packer
Packer	5.00			4045.00	
Stubb	1.00			4046.00	
Perforations	3.00			4049.00	
Change Over Sub	1.00			4050.00	
Drill Pipe	31.00			4081.00	
Change Over Sub	1.00			4082.00	
Recorder	0.00	6741	Inside	4082.00	
Perforations	15.00			4097.00	
Recorder	0.00	13254		4097.00	
Bullnose	3.00			4100.00	55.00 Bottom Packers & Anchor
Total Tool Length:	84.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Cleary Petroleum Corp
2601 NW Expy Ste 801N
Oklahoma City Ok 73112
ATTN: Denny Green

Lupfer #1-12
12-22S-18W Pawnee
Job Ticket: 24762 DST#: 1
Test Start: 2006.03.20 @ 21:37:34

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 10.00 lb/gal
Viscosity: 53.00 sec/qt
Water Loss: 7.96 in³
Resistivity: ohm.m
Salinity: ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

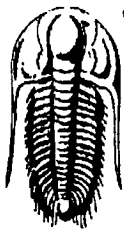
Length ft	Description	Volume bbl
310.00	Mud	4.075

Total Length: 310.00 ft Total Volume: 4.075 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Recovery RW .8@60* 9000 ppm



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Cleary Petroleum Corp
2601 NW Expy Ste 801N
Oklahoma City Ok 73112
ATTN: Denny Green

Lupfer #1-12
12-22S-18W Pawnee
Job Ticket: 24762 DST#: 1
Test Start: 2006.03.20 @ 21:37:34

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	0	0.75	38.00	818.48
1	0	0.75	38.00	818.48
1	5	0.75	45.00	927.82
1	10	0.75	54.00	1068.40
1	15	0.75	54.00	1068.40
1	20	0.75	52.00	1037.16
2	10	0.75	41.00	865.34
2	20	0.75	24.00	599.80
2	30	0.75	14.00	443.60
2	40	0.75	8.00	349.88

