

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 - 145-21497-00-00 (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 Completion Date 02-04-05

Well Operator: Cleary Petroleum Corporation KCC License #: 32566
(Owner/Company Name) (Operator's)

Address: 2601 NW Expressway, Suite 801W City: Oklahoma City

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

Lease: Barger Well #: 1-28 Sec. 28 Twp. 22 S. R. 17 East West

NE 10 10 Spot Location / QQQQ County: Pawnee
NE 10 10 - G/2 - NE/4

4647 Feet (in exact footage) From KCC Reg 6 PS 11-27-06 orth / South (from nearest outside section corner) Line of Section (Not Lease Line)

1956 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: _____ Set at: _____ Cemented with: _____ Sacks

Surface Casing Size: 8-5/8" Set at: 822' Cemented with: 500 Sacks

Production Casing Size: 4-1/2" Set at: 4,189' Cemented with: 200 Sacks

List (ALL) Perforations and Bridgeplug Sets: 2 SPF from 4,088'-4,120' (32')

Elevation: 2,045' (G.L. / K.B.) T.D.: 4,190' PBTD: 4,163' Anhydrite Depth: 1,058'-1,081'
(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

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CONSERVATION DIVISION
WICHITA, KS

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 NW Expressway, Suite 801W City / State: Oklahoma City, Ok 73112

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 a minimum 48 hr. notice to the KCC.

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

Date: 11-08-06 Authorized Operator / Agent: William S. Church
(Signature)

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

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CONSERVATION DIVISION
WICHITA, KS

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
Barger #1-28
Basal Penn Conglomerate Formation
November 8, 2006

Lease & Well: Barger #1-28

Location: C N/2 NE/4 (660' FNL & 1320' FEL)
Section 28 – 22S – 17W
Pawnee County, KS

Driving Directions: From intersection of U.S. Hwy 56 & North/South County Road (FAS 976) approximately one (1) mile Northeast of Garfield, KS, go Northeast on U.S. Hwy 56 approximately two (2) miles, North 1/8 mile on gravel road, West 1/4 mile and South into location

Elevations: Ground: 2,040' KB: 2,045'

Depth: TD: 4,190' driller PBTB: 4,024'
4,163' logger

Casing and Tubing: Information is appended to procedure

Present completion: Basal Penn Conglomerate 4,088 – 4,120' (32') 2SPF

This interval proved to be wet and unproductive.

Note: Tubing record from Daily Report shows TIH with 15' x 2-3/8" MA (15.0'), S/N (1.10), 3 jts 2-3/8" tbg (94.20'), 2-3/8" x 4-1/2" Tbg Anchor (3.0'), 129 joints 2-3/8" tubing (4015.92'), 6' & 8' x 2-3/8" tbg subs. Bottom of tbg at 4147', S/N at 4132' and Tbg Anchor at 4035'. (this should be 132 jts 4.7# 2 3/8" tbg in hole).

Note: Well was put on pumping unit "pump test" for thirty days; at various times well had 650 psig at surface or more; produced limited quantities of gas and 40+ bbl water / day on pump. Well should have relatively full casing / tubing with formation water; requires blow-down for safety before any procedures are run. Ensure that frac tank is tied in for containment of any fluids blown-down.

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Note: Casing record from KCC Completion Report shows Surface Casing 8 5/8" 24# set at 822' with 500 sx; production casing is 4 1/2" 11.60# set at 4189 with 200 sx; TOC is reported at 2950' on CBL (logged up to 2750').

1. Notify KCC field inspector about preparing to commence plug and abandonment operations. Discuss procedural modifications as may be required by KCC; notify CPC offices of changes to maintain full records there.
2. Move in and rig up workover unit. Have frac tank available to accommodate any flow-back encountered (as noted above); IF working pit is needed we must make CDP-1 application for pit prior to plugging procedure start unless KCC authorizes otherwise.
3. Blow down well till "quiet." Nipple down surface equipment and nipple up double ram manual BOP. NOTE:
4. Unseat tubing anchor and TOH laying down 2-3/8" tubing, rack back 95 stands in derrick for further operations.
5. Move in and rig up E-line unit. Set CIBP at $\pm 4,130'$ (be sure not to set in casing collar). Make dump bailer runs to cap CIBP with 6 sacks cement yielding approx a 48' cement cap on CIBP.
6. Rig up E-line unit to set CIBP. Set CIBP at $\pm 4,080'$ (be sure not to set in casing collar). Rig down E-line unit. Make dump bailer runs to cap CIBP with 2 sacks cement yielding approx a 16' cement cap on CIBP
7. Determine free-point above TOC at 2950'; (we estimate cut-off point on casing for retrieval is 2,500'); evaluate based on free-point.
8. Nipple down BOP. Remove well head and install running plate.
9. Trip in hole with 2-3/8" tubing to approximately 4000 feet.
10. Pump gel plug down 2 3/8" tubing from top of cement capped CIBP to $\pm 20'$ below point selected for production casing cutoff and retrieval. Gel volume required to be calculated "in the field." Pull out of hole laying down 2-3/8" tubing except for number of stands required to complete final plugging after casing recovery.
11. Cutoff production casing at point selected in step 7 above. TOH with recovered 4 1/2" casing laying down as removed.

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12. Trip in hole with 2-3/8" tubing to approximately 2400 feet. Pump gel plug down 2 3/8" tubing from that point until approx 500' from surface; pump cement plug from top of gel to surface (base of useable water is at 280'). Gel volume calculations to be done "in the field." May want to set CIBP in surface pipe at top of gel??? Lay down all 2 3/8" as coming out of hole.
13. Rig down and release pulling unit and other rental equipment.
14. Cut 8-5/8" casing off at 6' below ground level. Weld steel plate on 8-5/8" casing. The plate should have Well Name and date plugged on it.
15. Transfer tubing and recovered casing to Washita Valley yard in OKC for reconditioning / inspection. Once all equipment and tubulars have been removed from location contact dirt contractor to reclaim location pad. Notify surface tenant of well status. Transfer wellhead equipment to Canary Wellhead in OKC for reconditioning / inspection.

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:
 - District Manager: – Steve Durrant 620/ 225-8888
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

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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

Road Const / Rock:

- Dakota Dirt Great Bend 620/ 792-5710

Contacts (Continued)

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' 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:

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

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

November 15, 2006

Re: BARGER #1-28
API 15-145-21497-00-00
N2NE 28-22S-17W, 660 FNL 1320 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



Barry Metz
Deputy Director

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