

STATE OF KANSAS
STATE CORPORATION COMMISSION
200 Colorado Derby Bldg.
Wichita, Kansas 67202

Form CP-4
Rev. 12-15-80

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit

COUNTY Logan SEC. 6 TWP. 12S RGE. 33W E/W
Location as in quarters or footage from lines:
C SE SW

| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |
| | | | |

Lease Owner Chief Drilling Company, Inc.
 Lease Name Herl #1 Well No. _____
 Office Address 905 Century Plaza Wichita, Ks. 67202
 Character of Well (Completed as Oil, Gas or Dry Hole): _____
 Date Well Completed _____
 Application for plugging filed _____
 Plugging commenced 5-11-82
 Plugging completed 5-17-82
 Reason for abandonment of well or producing formation _____
Depleted

Locate Well
correctly on above
Section Platt.

Was permission obtained from the Conservation Division or it's
Agent's before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Carl Goodrow
Producing formation _____ Depth to top _____ bottom _____ T.D. 4768'

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS Casing Record

| Formation | Content | From | To | Size | Put in | Pulled Out |
|-----------|---------|------|----|--------|--------|------------|
| | | | | 8-5/8" | 320' | none |
| | | | | 4-1/2" | 4768' | none |
| | | | | | | |
| | | | | | | |

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hold. If cement or other plugs were used, state the character of same and depth placed, from _____ feet to _____ feet for each plug set.

Plugged off bottom wiht sand to 4570' and ran 4 sacks cement. Shot casing @3524', 3401', 3286', 3160' and 1970'. Pipe not loose, gas and mud flowing out of the 4-1/2" casing. Plugged well with pipe still in the hole. Pumped 250 sacks cement in the oil string and 150 sacks cement in the surface pipe.

RECEIVED
 STATE CORPORATION COMMISSION
MAY 25 1982
 05-25-1982
 CONSERVATION DIVISION
 Wichita, Kansas

Plugging Complete.

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Kelso Casing Pulling

STATE OF Kansas COUNTY OF Rice, ss.
R. Darrell Kelso (employee of owner) or (owner or operator) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) R. Darrell Kelso
Box 176 Chase, Ks. 67524
(Address)

SUBSCRIBED AND SWORN TO before me this 21st day of May, 19 82



Irene Hoover
Notary Public.

My Commission expires: _____

STATE OF KANSAS
 STATE CORPORATION COMMISSION
 200 Colorado Derby Bldg.
 Wichita, Kansas 67202

Form CP-4
 Rev. 12-15-80

WELL PLUGGING RECORD

MAY 25 RECD

Give All Information Completely
 Make Required Affidavit

COUNTY Logan SEC. 6 TWP. 12S RGE. 33W E/W
 Location as in quarters or footage from lines:
C SE SW

| | | | |
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Casing Record

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Plugging Complete.

(If additional description is necessary, use BACK of this sheet)

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(Signature) R. Darrell Kelso
Box 176 Chase, Ks. 67524
 (Address)

RECEIVED
 STATE CORPORATION COMMISSION
 DS-26-1982
 MAY 26 1982

SUBSCRIBED AND SWORN TO before me this 21st day of May, 19 82

IRENE HOOVER
 State of Kansas
 My Comm. Exp. Aug. 15, 1985

Jane Hoover
 Notary Public.

My Commission expires: _____

KANSAS DRILLERS LOG

S. 6 T. 12S R. 33W ^E/_W

Loc. C SE SW

County Logan

API No. 15 — 109 County — 20,093-00-00 Number

Operator
Chief Drilling Co., Inc.

Address
905 Century Plaza, Wichita, Kansas 67202

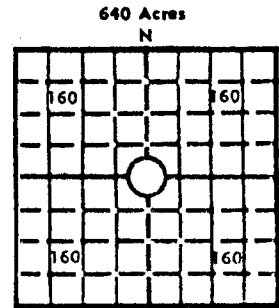
Well No. #1 Lease Name Herl

Footage Location
feet from (N) (S) line _____ feet from (E) (W) line _____

Principal Contractor Company Tools Geologist Neil Sikes

Spud Date 10/10/77 Total Depth 4768' P.B.T.D. _____

Date Completed 11/9/77 Oil Purchaser Koch Oil Co.



Elev.: Gr. 3177

RECEIVED ³¹⁷⁹ KB 3182
STATE CORPORATION COMMISSION

07-20-1981
1:11 20:38

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

| Purpose of string | Size hole drilled | Size casing set (in O.D.) | Weight lbs/ft. | Setting depth | Type cement | Conservation Division | and percent additives |
|-------------------|-------------------|---------------------------|----------------|---------------|-------------|-----------------------|-----------------------|
| | 12 1/4" | 8 5/8" | 28 lb. | 320' | Common | Wichita, Kansas | 180 |
| | | 4 1/2" | | 4775' | 60-40 Pos | | 250 |
| | | | | | | | |
| | | | | | | | |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type Reg. | Depth interval |
|----------|-------------|--------------|---------------|------------------|----------------|
| | | | 4 | | 4675-84' |

| Size | Setting depth | Packer set at |
|--------|---------------|---------------|
| 2 3/8" | 4653' | 4626' |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
| 2000 gals. acid | 4675-84' |
| | |
| | |

INITIAL PRODUCTION

| | | | | | |
|--|---|------------------------|---|---------------|------|
| Date of first production <u>April 15, 1978</u> | Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u> | | | | |
| RATE OF PRODUCTION PER 24 HOURS | Oil <u>40</u> bbls. | Gas <u>None</u> MCF | Water <u>60%</u> XXX | Gas-oil ratio | CFPB |
| Disposition of gas (vented, used on lease or sold) | | | Producing interval (s) <u>4675-84'</u> | | |

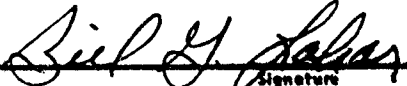
INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

| | | |
|--------------------------------------|--------------------|---|
| Operator Chief Drilling Co., Inc. | | DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: |
| Well No. #1 | Lease Name Herl | Oil Well |
| S 6 T 12S R 33W E W | | |

| | |
|---|---|
| WELL LOG | SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION. |
| Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries. | |

| FORMATION DESCRIPTION, CONTENTS, ETC. | TOP | BOTTOM | NAME | DEPTH |
|--|-----|--------|---|--------------------------------------|
| DST #1 4079-4130' 30-30 30-30 Strg. bl., decr. to fair Rec. 2400' water IBHP: 1280# FBHP: 1265# FP: 333-1188# | | | Anhydrite Heebner Lansing BKC L/Cher. Shale | 2659 4070 4112 4412 4630 |
| DST #2 4133-82' 30-30 60-30 Gd. bl. 90" Rec. 1030' MW IBHP: 1320# FBHP: 1288# FP: 127-544# | | | Miss. LTD RTD | 4747 4771 4768 |
| DST #3 4186-4221' 30-30 30-30 very wk. bl. 30" Rec. 70' MW IBHP: 1280# FBHP: 1280# FP: 32-48# | | | | |
| DST #4 4324-42' 30-30 30-30 Wk. bl. 10", very wk. inter. 6", died Rec. 12' OSpkd.M; 3' Free oil All press. 28# | | | | |
| DST #5 30-30 60-45 Wk. stdy. bl. 90" Rec. 200' GIP; 40' O&GCM; 100' MO IBHP: 1083# FBHP: 1155# FP: 44-88# | | | | |
| Had to get road built before we could install tanks. | | | | |

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

| | |
|---------------|--|
| Date Received |  Bill G. Lahar, Manager of Exploration Title June 1, 1979 Date |
|---------------|--|