

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 Ness SEC. 13 TWP. 20S RGE. 25 XW
Location as in quarters or footage from lines:
C N/2 N/2 SW

Locate Well
correctly on above
Section Platt.

Lease Owner Twin Western Resources, Inc.
Lease Name Copeland Well No. 1
Office Address 922 Union Center, Wichita, Ks. 67202
Character of Well (Completed as Oil, Gas or Dry Hole): dry hole
Date Well Completed 10-15-81
Application for plugging filed 10-15-81
Plugging commenced 10-15-81
Plugging completed 10-15-81
Reason for abandonment of well or producing formation no commercial quantity of oil or gas encountered
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 Steven Durant
Producing formation _____ Depth to top _____ bottom _____ T.D. 469

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
<u>surface hole</u>	<u>shale</u>	<u>surf</u>	<u>607'</u>	<u>8-5/8"</u>	<u>599'</u>	<u>none</u>

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.

Fluid to 900', plug, 70 sx
Fluid to 600', plug, 40 xx
Fluid to 40', plug, 10 sx
Rat hole 5 sx

RECEIVED
STATE CORPORATION COMMISSION
NOV 4 1981
11-4-81
CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor D N B DRILLING, INC.
515 R. H. Garvey Building
Wichita, Kansas 67202

STATE OF Kansas COUNTY OF Sedgwick, ss.
James L. Donelson, Jr. (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) James L. Donelson Jr.
515 R.H. Garvey Bldg., Wichita, Ks.
(Address) _____ 67202

SUBSCRIBED AND SWORN TO before me this 15th day of October, 19 81

My Commission expires: April 30, 1983

Dorothy L. Schmidt
Dorothy L. Schmidt Notary Public.

DOROTHY L. SCHMIDT
STATE NOTARY PUBLIC
Sedgwick County, Kansas
My Appt. Exp. April 30, 1983

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

API No. 15 — 135 — 22027 - 0000
County Number

S. 13 T. 20S R. 25W E W

Loc. C S/2 N/2 SW/4

County Ness

Operator
Twin Western Resources, Inc.

Address
922 Union Center Wichita, Kansas 67202

Well No. #1 Lease Name Copeland

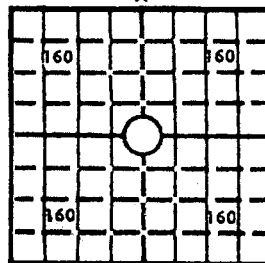
Footage Location
feet from (N) (S) line feet from (E) (W) line

Principal Contractor D N B Drilling Geologist Willis Nigh

Spud Date 10/8/81 Date Completed 10/14/81 Total Depth 4469' P.B.T.D.

Directional Deviation Oil and/or Gas Purchaser

640 Acres
N



Elev.: Gr. 2370

DF KB 2375

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	Sacks	Type and percent additives
surface		8-5/8"	23#	607'	common	300 sx	2% gel, 3% cc

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

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INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
RATE OF PRODUCTION PER 24 HOURS	Oil bbls. Gas MCF Water bbls. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval (s)

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, 245 No. Water, Wichita, Kansas 67202. 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.

	Date Received
Signature Wayne G. Horst	
Title President	
Date 11/4/81	

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
			<p style="text-align: right;">DST #1 NO LOG</p> <p style="text-align: right;">Anhydrite B/Anhydrite Heebner Lancing B/KC Pawnee Ft. Scott Cherokee Conglomerate Miss. Dol. RTD</p> <p style="text-align: right;">1618' 1658' (+717) 3758' (-1383) 3804' (-1429) 4156' (-1781) 4270' (-1895) 4229' (-1954) 4357' (-1982) 4406' (-2031) 4449' (-2074) 4469' (-2094)</p> <p style="text-align: right;">Conglomerate 4415-4435', 1st blow very weak, dead in 20 minutes, no blow 2nd opening, flushed took, no help. 30-45-30-30, recovered 10 ft. of drilling mud, IFF 35-35 FFP 35-35, ISIP 59, RSIP 59.</p>

Operator	Twin Western Resources	Well No. #1	Lease Name Copeland	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. WELL LOG SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.
DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWD, ETC.: Dry Hole		S 13 T 20S R 25W E		