

STATE OF KANSAS
STATE CORPORATION COMMISSION

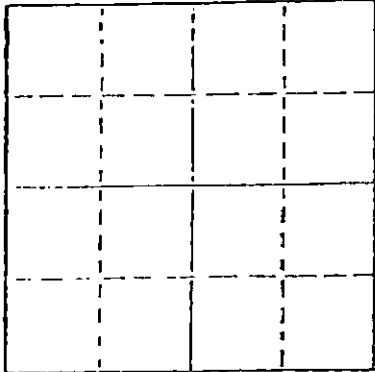
WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Comm.
245 North Water
Wichita, KS 67202

Edwards County. Sec. 7 Twp. 24SRge. 16 E/W
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines
NE SE SE

Lease Owner Imperial Oil Co.
Lease Name Russell Gas Unit Well No. #2
Office Address 720 4th Financial Center Wichita, Ks.
Character of Well (Completed as Oil, Gas or Dry Hole) _____

Dry Hole.
Date Well completed 4-27 1981
Application for plugging filed 4-27 1981
Application for plugging approved 4-27 1981
Plugging commenced 4-27 1981
Plugging completed 4-27 1981
Reason for abandonment of well or producing formation _____



If a producing well is abandoned, date of last production
_____ 19____

Was permission obtained from the Conservation Division or
its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Wm. T. Owen
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 4383'
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"	317'	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.

- Mud to 520', plug, 60 sx. cement.
- Mud to 300', plug, 40 sx. cement.
- Mud to 40', plug, 10 sx. cement.
- 10 sx. cement in rathole.
- 2 sx. cement in water well.

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

Name of Plugging Contractor White & Ellis Drilling, Inc.
401 E. Douglas Suite 500 Wichita, Ks. 67202

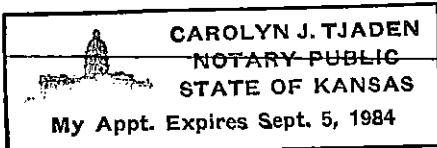
STATE OF Kansas COUNTY OF Sedgwick, ss.
Ernest Sifford (employee of owner) or (owner or operator)
of the above-described well, being first duly sworn on oath, says: That I have knowledge of
the facts, statements, and matters herein contained and the log of the above-described well
as filed and that the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

(Signature) Ernest Sifford
401 E. Douglas Suite 500 Wichita, Ks. 67202
(Address)

SUBSCRIBED AND SWORN TO before me this 11th day of May, 19 81

Carolyn J. Tjaden
Carolyn J. Tjaden - Notary Public.

My commission expires



RECEIVED
STATE CORPORATION COMMISSION
5-14-81
MAY 14 1981

CONSERVATION DIVISION
Wichita, Kansas

KANSAS

WELL COMPLETION REPORT AND
DRILLER'S LOG

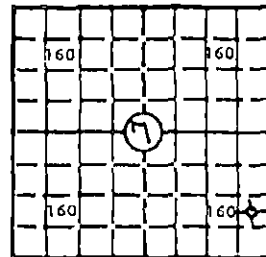
API No. 15 — 047 — 20,855
County Number

S. 7 T. 24S R. 16W E W

Loc. NE SE SE

County Edwards

640 Acres
N



Locate well correctly

Elev.: Gr. 2086

DF KB 2091

Operator
Imperial Oil Company

Address
720 Fourth Financial Center, Wichita, KS 67202

Well No. 2 Lease Name RUSSELL GAS UNIT

Footage Location
1320 feet from (S) line 330 feet from (E) line

Principal Contractor White & Ellis Geologist Hal Clark

Spud Date 4/19 Date Completed 4/27/81 Total Depth RTD 4385' P.B.T.D.

Directional Deviation NA Oil and/or Gas Purchaser

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
<u>Surface</u>	<u>12 1/4"</u>	<u>8 5/8"</u>		<u>312'</u>		<u>265</u>	

LINER RECORD

PERFORATION RECORD

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

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production _____ Producing method (flowing, pumping, gas lift, etc.) _____

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	bbls.	MCF	bbls.	CFPB

Disposition of gas (vented, used on lease or sold) _____ Producing interval (s) _____

STATE CORPORATION COMMISSION
RECEIVED
MAY 15 1981
CONSERVATION DIVISION
Wichita, Kansas

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 open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator <i>Imperial Oil Company</i>		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 2	Lease Name <i>Russell Gas Unit</i>	<i>Dry Hole</i>
S <u>7</u> T <u>24S</u> R <u>16W</u> ^E _W		


WELL LOG

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.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<u>DST #1</u> 4196-4226' 15/30/15/30 Rec. 10' mud IFP: 51-51# ISIP: 179# FFP: 51-51# FSIP: 63#			<u>E-Log Tops</u>	
			Heebner	3666 (-1576)
			Brown	3794 (-1703)
			Lansing	3803 (-1712)
<u>DST #2</u> 4218-86' 60/120/60/120 GTS ga. avg. 3373 CF. Rec. 130' mud. IFP: 52-52# ISIP: 1051# FFP: 52-52# FSIP: 958#			Conglomerate	4233 (-2142)
			Mississippi	4272 (-2181)
			Kinderhook Sh.	4318 (-2227)
			Kinderhook Sd.	4332 (-2241)
			Viola	4366 (-2275)
<u>DST #3</u> 4287-4383' Misrun			LTD	4384
<u>DST #4</u> 4307-83' 30/30/30/30 Rec. 60' Mud IFP: 63-63# ISIP: 255# FFP: 89-89# FSIP: 230#				

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

Date Received	 Signature
	Attorney-in-Fact Title
	May 14, 1981 Date

DRILLERS LOG

OPERATOR: Imperial Oil Co. 720 4th Financial Center Wichita, Ks. 67202
 CONTRACTOR: White & Ellis Drilling, Inc., Box 448, El Dorado, Kansas 67042

Lease Name Russell Gas Unit Well No. #2
 Sec. 7 T. 24S R. 16W Spot NE SE SE
 County Edwards State Kansas Elevation _____

Casing Record:

Surface: 8 5/8" @ 317' with 265 Sxs.
 Production: _____ @ _____ with _____ Sxs.

Type Well: D & A Total Depth 4383'

Drilling Commenced: 4-18-81 Drilling Completed 4-27-81

Formation	From	To	Tops
Cellar	0	7	
Shale, Lime	7	1078	
Anhydrite	1078	1087	
Shale, Lime	1087	1248	
Sand	1248	1775	
Shale, Lime	1775	4383	

COMPLETION RECORD

Liner Record: Size _____ From _____ To _____

Cementing Record: _____ Sacks _____

Perforating Record:

Formation	Perforated Interval	Number Shots
_____	_____	_____
_____	_____	_____
_____	_____	_____

Initial Production: _____

Electric Log _____

RECEIVED Depths Covered
 STATE CORPORATION COMMISSION

MAY 14 1981

CONSERVATION DIVISION
 Wichita, Kansas