

AFFIDAVIT AND COMPLETION FORM

ACO-1

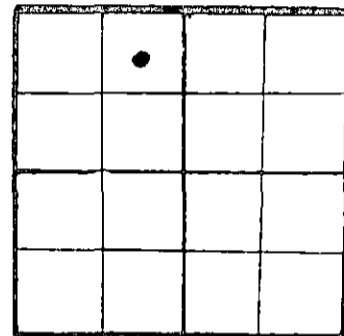
This form must be filed in triplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within five days after the completion of the well, regardless of how the well was completed. Circle one (Oil, gas, dry, SWD, OWWO, injection). Please type. Complete ALL sections. Applications must be filed for dual completion, commingling, salt water disposal and injection. Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.) KCC#-(316) 263-3238.

OPERATOR Imperial Oil Company API NO. 15-097-20,817-0000
 ADDRESS 720 Fourth Financial Center COUNTY Kiowa
Wichita, Kansas 67202 FIELD W.C. CARVER ROBBINS
 **CONTACT PERSON Kathy Carter LEASE ROSE "A"
 PHONE 263-5205

PURCHASER The Permian Corporation WELL NO. 1-13
 ADDRESS P. O. Box 1183 WELL LOCATION C NE NW
Houston, Texas 77001 330 Ft. from North Line and
 1980 Ft. from West Line of
 the NW SEC. 13 TWP. 27S RGE. 16W

DRILLING CONTRACTOR Red Tiger Drilling Company
 ADDRESS 1720 Kansas State Bank Bldg.
Wichita, Kansas 67202

PLUGGING CONTRACTOR _____
 ADDRESS _____
 TOTAL DEPTH RTD 4593' PBTD _____
 SPUD DATE 9/27/81 DATE COMPLETED 11/16/81
 ELEV: GR _____ DF _____ KB 2077'



WELL PLAT
 (Quarter) or (Full) Section - Please indicate.

KCC ✓
 KGS ✓

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS
 Report of all strings set — surface, intermediate, production, etc. (New) (Used) casing.

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	12 1/4"	8 5/8"	24#	405'	Lite	150	3% CC
					Common	150	3% CC
Production	7 7/8"	5 1/2"	14#	4592'	50/50 Poz	125	
					Lite	75	

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	J	4544-58'
TUBING RECORD					
Size	Setting depth	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD	
Amount and kind of material used	Depth interval treated
250 gals. acetic acid & 60 bbls. 2% KCL	4544-58'

RECEIVED
 STATE CORPORATION COMMISSION
 11-23-1981
 NOV 23 1981

RECEIVED
 STATE CORPORATION COMMISSION
 NOV 23 1981
 CONSERVATION DIVISION
 1038 T. Gravity
 CONSERVATION DIVISION
 Wichita, Kansas
 CFPB

TEST DATE: _____
 Date of first production 11/16/81 Producing method (flowing, pumping, gas lift, etc.) Pumping
 RATE OF PRODUCTION PER 24 HOURS Oil 50 bbls. Gas RETRAD J HEBB Water AM %
 Disposition of gas (vented, used on lease or sold) RETRAD J HEBB Producing interval (s) 4544-58' Kinderhook

** The person who can be reached by phone regarding any questions concerning this information.
 A witnessed initial test by the Commission is required if the well produces more than 25 BOPD or is located in a Basic Order Pool.

Name of lowest fresh water producing stratum _____ Depth _____
 Estimated height of cement behind pipe _____

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
DST #1 4278-4306' 60/90/60/90 Rec. 1000' GIP, 5' O, 100' SOGM, 180' VSOCMSW, 360' SW IFP: 81-208# ISIP: 1195# FFP: 275-381# FSIP: 1105#			E-Log Tops	
			Heebner	3845 (-1768)
			Brown Lime	4001 (-1924)
			Lansing	4019 (-1942)
			B/KC	4353 (-2276)
			Marmaton	4418 (-2341)
			Cherokee Sh.	4480 (-2403)
			Cherokee Sd.	4489 (-2412)
			Mississippi	4503 (-2426)
			Kind. Shale	4515 (-2438)
			Kind. Chert	4524 (-2447)
			Kind. Sand	4534 (-2457)
			Kind. Chert	4540 (-2463)
DST #2 4385-4433' 60/90/60/90 GTS/15", 47 MCF drcr to 25 MCF. Rec. 1060' GO IFP: 104-185# ISIP: 1308# FFP: 266-312# FSIP: 1240#				
DST #3 4452-4531' 60/90/60/90 Rec. 50' DM IFP: 34-34# ISIP: 92# FFP: 46-46# FSIP: 439#				
DST #4 4524-76' 35/90/20/90 GTS/30 secs., OTS/30", ga. apx. 200 MCF IFP: 644-936# ISIP: 1500# FFP: 779-948# FSIP: 1500#				

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

A F F I D A V I T

STATE OF KANSAS, COUNTY OF SEDGWICK SS,

Dennis Vrooman OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH, DEPOSES AND SAYS:

THAT HE IS Petroleum Engineer FOR Imperial Oil Company OPERATOR OF THE ROSE "A" LEASE, AND IS DULY AUTHORIZED TO MAKE THIS AFFIDAVIT FOR AND ON BEHALF OF SAID OPERATOR, THAT WELL NO. 1-13 ON SAID LEASE HAS BEEN COMPLETED AS OF THE 16th DAY OF November 19 81, AND THAT ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

FURTHER AFFIANT SAITH NOT.

(S) Dennis B. Vrooman

SUBSCRIBED AND SWORN TO BEFORE ME THIS 20th DAY OF November 19 81

KATHLEEN L. CARTER
 STATE NOTARY PUBLIC
 SEDGWICK COUNTY, KANSAS
 MY APPT. EXPIRES 10-1-82

Kathleen L. Carter
 NOTARY PUBLIC

MY COMMISSION EXPIRES: _____

