

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 9668
name Imperial Oil & Gas, Inc.
address 720 Fourth Financial Center
City/State/Zip Wichita, Ks. 67202

Operator Contact Person Barbara Waitt
Phone 316-263-5205

Contractor: license # 5302
name Red Tiger Drilling Company

Wellsite Geologist Pete Stubbs
Phone 316-682-8501

PURCHASER
Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
7-23-84 8-2-84 8-3-84
Spud Date Date Reached TD Completion Date

4870' Total Depth PBD

Amount of Surface Pipe Set and Cemented at 474 feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set feet

Alternate 2 completion, cement circulated from feet depth to w/ SX cmt

API NO. 15 097-21,049-0000

County Kiowa

C NW/4 NE/4 Sec 24 Twp 28S Rge 17 XX West
(location)

Ft North from Southeast Corner of Section
Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

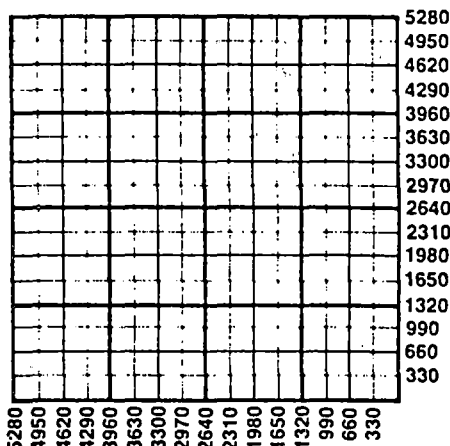
Lease Name E. H. Ross Well# 1-24

Field Name

Producing Formation Mississippian

Elevation: Ground 2167 KB 2172

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit # T84-437

Groundwater 4620 Ft North From Southeast Corner and
2055 Ft. West From Southeast Corner of
Sec 24 Twp 28S Rge 17 East West

Surface Water Ft North From Southeast Corner and
Ft West From Southeast Corner
Sec Twp Rge East West

Other (explain)
(purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring

Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply.

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules, and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

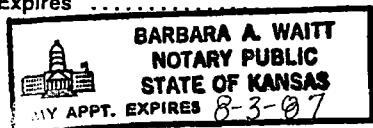
Signature Robert C. Paulson

Title Date 8-8-84

Subscribed and sworn to before me this 8th day of August 1984

Notary Public Barbara A. Waitt

Notary Commission Expires



RECEIVED
STATE CORPORATION COMMISSION
AUG 09 1984
CONSERVATION DIVISION
Wichita, Kansas

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Sec. 24 Twp. 28 Rge. 17W

Operator Name Imperial Oil & Gas, Inc. Lease Name E. H. Ross Well# 1-24 SEC 24 TWP. 28S RGE. 17 East West

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1: 4665-4735 (Cherokee Sandstone)
 30-60-30-60
 IF 10-21 ISIP 51
 FF 31-21 FSIP 31
 Recovered 15' mud.

DST #2: 4736-4775 60-120-60-120
 IF 164-287 ISIP 440
 FF 287-389 FSIP 440
 1st open: gts 5 min. 219 MCF-70 MCF
 2nd open: 33 MCF - 18 MCF
 Recovered 100' gassy, watery mud, 90' gassy muddy water and 420' salt water.

DST #3: 4776-4830 (Kinderhook) 30-30-30-30
 IF 51-51 ISIP 839
 FF 5151 FSIP 866
 Recovered 15' mud.

DST #4: 4038-4061 with hook at 4114'
 30-60-30-60
 IF 50-60 ISIP 1471
 FF 60-60 FSIP 1401
 1st open: weak blow, doed
 2nd open: no blow

Name	Top	Bottom
Herrington	2430	-258
Fort Riley	2605	-433
Cottonwood	2932	-760
Foraker	3101	-929
Heebner	4-38	-1866
Brown Limestone	4205	-2033
Lansing Shale	4220	-2048
Base Kansas City	4585	-2413
Marmaton	4596	-2424
Cherokee Shale	4708	-2536
Cherokee Sandstone	4725	-2553
Kinderhook Shale	4774	-2602
Viola	4821	-2649

CASING RECORD new used

Report all strings set - conductor, surface, intermediate, production, etc.

Purpose of string	size hole drilled	size casing set (in O.D.)	weight lbs/ft.	setting depth	type of cement	# sacks used	type and percent additives
surface	12 1/4"	8 5/8"	23#	471	light Class A	200 100	3% cc 2% gel/3% cc

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth

TUBING RECORD

size set at packer at Liner Run Yes No

Date of First Production Producing method flowing pumping gas lift Other (explain)

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity

METHOD OF COMPLETION

PRODUCTION INTERVAL

Disposition of gas: vented open hole perforation
 sold other (specify)
 used on lease Dually Completed.
 Commingled

BARBARA A. WARD
 KANSAS PUBLIC
 STATE OF KANSAS