

*Ind* 11/1/84  
KCC

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, Kansas 67202

Operator Contact Person Barbara Waitt  
Phone 316/263-5205

Contractor: license # 5302  
name Red Tiger Drilling

Wellsite Geologist Pete Stubbs  
Phone 316/267-9428

Designate Type of Completion  
 New Well  Re-Entry  Workover

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

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

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
10/8/84 10/23/84 11/1/84  
Spud Date Date Reached TD Completion Date

5175' NA  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 595' feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated

API NO. 15 - 057-20,391

County Ford

C SE SE SW Sec 16 Twp 28S Rge 21  
(location)  East  West

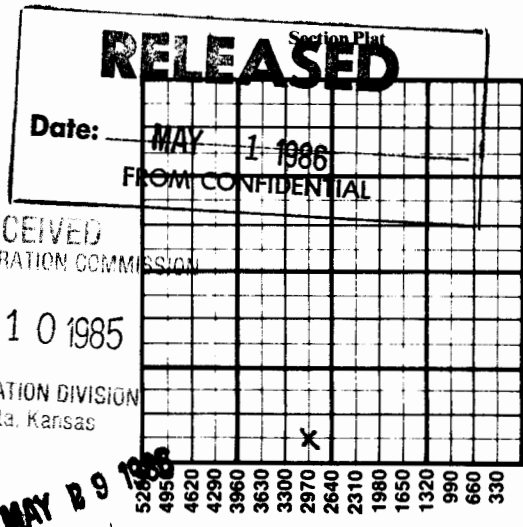
330 Ft North from Southeast Corner of Section  
2970 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

Lease Name DAVIS TRUST Well# 1-16

Field Name

Producing Formation Mississippi

Elevation: Ground 2390' KB 2395'



WATER SUPPLY INFORMATION

Source of Water  
Division Water Resources Permit # T84-696

Groundwater 410 Ft North From Southeast Corner and  
(Well) 3045 Ft West From Southeast Corner of  
Sec 16 Twp 28S Rge 21  East  West

Surface Water Ft North From Southeast Corner and  
(Stream, Pond etc.) Ft West From Southeast Corner  
Sec Twp Rge  East  West

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

<b>TUBING RECORD</b> size set at packer at		Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No	
of First Production	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)		
Estimated Production Per 24 Hours	Oil	Gas	Water
	Bbls	MCF	Bbls
			Gas-Oil Ratio
			Gravity
			CFPB

METHOD OF COMPLETION

Disposition of gas:  vented  open hole  perforation  
 sold  other (specify)

PRODUCTION INTERVAL

**SIDE TWO**

Operator Name Imperial Oil & Gas, Inc. Lease Name Davis Trust Well# 1 SEC 16 TWP 28S RGE 21  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: 4994-5022 60-60-60-60  
 1st open, weak blow, increased to fair blow. 2nd open, weak blow. Recovered 30' drilling mud.  
 IFP: 39-39 ISIP: 166  
 FFP: 39-39 FSIP 166

DST #2: 5050-5076' 60-90-60-90  
 1st open, gas to surface in 5 min., stabilized at 78 mcf. 2nd open, stabilized at 78 mcf. Recovered 60' oil cut mud and 60' sl. oil cut mud.  
 IFP: 39-39 ISIP: 1628  
 FFP: 49-39 FSIP: 1609

Name	Top	Bottom
Heebner	4198	-1803
Toronto	4218	-1823
Brown Lime	4347	-1952
Lansing	4356	-1961
B/KC	4790	-2395
Marmaton	4822	-2427
Cherokee	4932	-2537
Mississippian	5032	-2637

DST #3: 5076-5083' 60-90-60-90  
 1st open, gts in 20 min., gauged 30 mcf. 2nd open, gauged 39 mcf. Rec. 270' muddy gassy oil and 10' muddy salt water.  
 IFP: 39-78 ISIP:1580  
 FFP: 49-107 FSIP:1580

DST #4: 5083-5090' 60-90-60-90  
 1st open, weak blow in 2 min., then strong blow in 3 min. gts in 40min., gauged 7 mcf. 2nd open, increased from 9 mcf to 17 mcf during 60 min. flow period. Rec. 40' oil cut mud and 60' gassy muddy oil, no water.  
 IFP: 20-39 ISIP: 1619  
 FFP: 29-88 FSIP: 1609

DST #5: 5090-5100' 60-90-60-90  
 1st open, fair blow; 2nd open, weak blow. Recovered 30' drilling mud and 60' muddy salt water.  
 IFP: 20-49 ISIP: 1475  
 FFP: 59-68 FSIP: 1370

CASING RECORD <input checked="" type="checkbox"/> new <input type="checkbox"/> 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		8 5/8"	24#	595'	Lite	200	3% cc
Production		5 1/2"	14#	5174'	Common	150	3% CC, 2% ge

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
4	5082-5085	Treated w/500 gals. 15% FE contain- ing 3 1/2 gals. Chem-Stem 10. Dumped 500 gals., folowed by 50 bbls. KCL water. Let soak 15 min., dumped 25 bbls. KCL water. Formation took 6	