

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 033-20778-0001

County Comanche County, Kansas

NE- NE - NE - Sec. 26 Twp. 33 Rge. 17 XXW

330 Feet from SW (circle one) Line of Section

330 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE, SE, NW or SW (circle one)

Lease Name Warren A "OWWO" Well # 1

Field Name Wildcat

Producing Formation _____

Elevation: Ground _____ KB _____

Total Depth 5245' PBDT _____

Amount of Surface Pipe Set and Cemented at 572 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan Re-Entry, 11-10-99
(Data must be collected from the Reserve Pit) UC.

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W _____

County _____ Docket No. _____

Operator: License # 3869

Name: Imperial Oil Properties, Inc.

Address 212 North Market - Suite 513

City/State/Zip Wichita, KS 67202-2013

Purchaser: _____

Operator Contact Person: Robert L. Williams, Jr.

Phone (316) 265-6977

Contractor: Name: Duke Drilling Co, Inc.

License: 5929

Wellsite Geologist: Jon T. Williams

Designate Type of Completion

Re-Entry _____ Workover _____

Oil _____ SWD _____ SLOW _____ Temp. Abd.

Gas _____ ENHR _____ SIGW _____

Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: ZINKE & TRUMBO LTD

Well Name: WARREN #1-26

Comp. Date 08-01-90 Old Total Depth 5380'

Deepening _____ Re-perf. _____ Conv. to Inj/SWD _____

Plug Back _____ PBDT _____

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or Inj?) _____ Docket No. _____

09-28-99 09-29-99 09-30-99

Spud Date Date Reached TD Completion Date

of Re-Entry

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidentially 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 _____

Title Geologist-Agent Date 10/28/99

Subscribed and sworn to before me this 28 day of October, 19 99.

Notary Public Patricia S. Armstrong

Date Commission Expires _____

PATRICIA S. ARMSTRONG
NOTARY PUBLIC
STATE OF KANSAS
APPT. EXPIRES 1-9-2000

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other (Specify)

X

Operator Name Imperial Oil Properties, Inc. Lease Name Warren A "OWWO" Well # 1

Sec. 26 Twp. 33S Rge. 17 East West
 County Comanche County, Kansas

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
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)
 List All E.Logs Run:

Name	Formation (Top), Depth and Datum		Sample
	Top	Datum	
HEEBNER	4220	-2350	
BROWN LIME	4372	-2502	
LANSING	4392	-2522	
BASE K.C.	4766	-2896	
CHEROKEE SH.	5002	-3132	
MISSISSIPPI	5064	-3194	

SONIC CEMENT BOND LOG

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"		572'			
Production	7-7/8"	5-1/2"	15.5#	5200'	EA-2	125	

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<input type="checkbox"/> Perforate					
<input type="checkbox"/> Protect Casing					
<input type="checkbox"/> Plug Back TD					
<input type="checkbox"/> Plug Off Zone					

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
		Depth	Depth
TWO	5074 to 5078, 5086 to 5094	1500 gal 15% mca and 3000 gal Gelled 15% Acid	5074 to 5094
TWO	4996 to 5000, 4966 to 4974	2000gal 20% MCA	4966 to 5000
TWO	4722 to 4728	1000gal 15% MCA	4722 to 4728

TUBING RECORD		Size	Set At	Packer At	Liner Run
					<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SLD or Inj.			Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> D&A <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) D&A
 Production Interval: _____

ADDITIONAL PERFS:
 TWO 4608 to 4614 1000gal 15% MCA 4608 to 4614.

