

RECEIVED

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 # 5238 name Petroleum, Inc. address P.O. Box 1447 City/State/Zip Great Bend, KS 67530

Operator Contact Person Monte Chadd Phone 316-793-8471

Contractor: license # P&A name John O. Farmer

Wellsite Geologist Jerry Green Phone

PURCHASER Koch Oil

Designate Type of Completion [] New Well [] Re-Entry [] Workover

- Oil, Gas, Dry, SWD, Inj, Other, Temp Abd, Delayed Comp.

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

WELL HISTORY

Drilling Method: Mud Rotary, Air Rotary, Cable Spud Date, Date Reached TD, Completion Date

Total Depth 3855' PBSD

Amount of Surface Pipe Set and Cemented at 247' feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set feet

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

API NO. 15-15-065-21193-00-00 County Graham NW/NW/SE Sec 21 Twp 7 Rge 22 East West 2310' Ft North from Southeast Corner of Section 2310' Ft West from Southeast Corner of Section

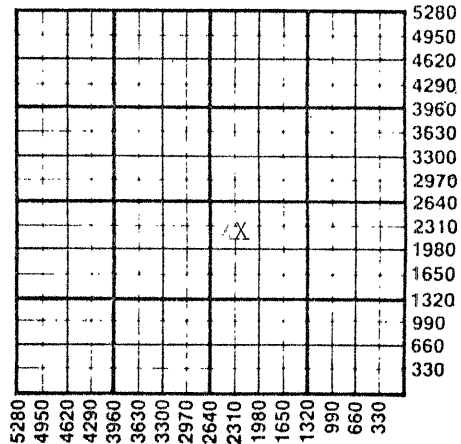
Lease Name Worcester "D" Well# 1

Field Name Alda South L-KC

Producing Formation KC

Elevation: Ground 2259' KB 2264'

Section Plat



WATER SUPPLY INFORMATION

Source of Water: Groundwater, Surface Water, Other (explain) Division of Water Resources Permit #

Disposition of Produced Water: Disposal, Repressuring Docket # 83-742-C

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.

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.

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 Monte Chadd Title Dist. Prod. Supt. Date 3-28-86

Subscribed and sworn to before me this 28th day of March 19 86

Notary Public Juan D. Munz Date Commission Expires 11-09-88



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

STATE CORPORATION COMMISSION Form ACO-1 (7-84)

APR - 1 1986

Operator Name Petroleum, Inc. Lease Name Worcester Well # 1 SEC 21 TWP 7S RGE 22 East West

"D"
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

Name Top Bottom

Operator <u>Petroleum, Inc.</u>		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDOW, ETC.	
Well No. <u>1</u>	Lease Name <u>Worcester 'D'</u>	<u>Oil</u>	
<u>S 21 T 7 R 22 W</u>			
WELL LOG			
Show all important zones of porosity and contents thereof, core intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.			
FORMATION DESCRIPTION, CONTENTS, ETC.		TOP	BOTTOM
DST #1 3484-3520' 15-30-60-120 Rec. 640' GIP, 2140' gassy free oil. IFP 117-340#, ISIP 1257# 415-778#, FSIP 1268#		ISIP 1257#	FFP
DST #2 3514-3540' 15-30-60-120 Rec. 250' GIP 220' heavy oil cut mud, 120' oil cut water, 1980' salt water. IFP 170-575#, ISIP 1162#, FFP 628-1045# FSIP 1162#		FFP 628-1045#	
DST #3 3546-3554' 15-30-60-120 Rec. 650' GIP 575' oil. IFP 32-53#, ISIP 842#, FFP 74-223# FSIP 842#		FFP 74-223#	FSIP 842#
DST #4 3560-3565' 15-30-60-120 Rec. 450' GIP 280' free oil, 35' heavy oil cut mud, 65' salt water. IFP 11-32#, ISIP 1215#, FFP 53-149# FSIP 1226#		FFP 53-149#	FSIP 1226#
DST #5 3569-3575' 15-30-15-30 Rec. 5' mud. IFP 11-11# ISIP 998#, FFP 21-21#, FSIP 1061#		IFP 11-11#	
DST #6 3598-3638' 15-30-20-40 Rec. 30' oil cut mud. IFP 53-53#, ISIP 1061#, FFP 53-04# FSIP 775#		FFP 53-04#	FSIP 775#
DST #7 3596-3668' 15-30-60-120 Rec. 2460' salt water. IFP 340-724#, ISIP 1236#, FFP 810-1151# FSIP 1236#		FFP 810-1151#	FSIP 1236#
DST #8 3671-3695' 15-30-15-30 Rec. 10' mud. IFP 24- 24#, ISIP 671#, FFP 24-32#, FSIP 447#		IFP 24-32#	FSIP 447#
DST #9 3805-3815' 15-30-15-30 Rec. 5' mud. IFP 21- 21#, ISIP 21#, FFP 21-21#, FSIP 32#		IFP 21-21#	FSIP 32#

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 3/4"	8 5/8"	20#	247'	Common	160	3%CC, 2%Gel
Production.....	7 7/8"	5 1/2"	14#	3760'	50/50Poz	150	2%Gel, 10%Salt 1/2 tough fiber 3/4% CFR-2

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
1	3552-53'	750 gal. MOD. 202 Acid	3552-53'
1	3562-63'		3562-63'

TUBING RECORD

size P&A set at packer at Liner Run Yes No

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

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

METHOD OF COMPLETION

PRODUCTION INTERVAL

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

..... P&A

Dually Completed.
 Commingled