

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 # 8914
name H. & C. Oil Operating Inc.
address P.O. Box 86
City/State/Zip Plainville, Kansas 67663

Operator Contact Person Charles R. Ramsay
Phone 913 434-7434

Contractor: license # 8301
name Stoppelwerth Drilling Co.

Wellsite Geologist Jim Reeves
Phone 913 475-3325

PURCHASER Koch Oil

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry 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
11-11-85 11-17-85 12-2-85
Spud Date Date Reached TD Completion Date

3674
Total Depth PBT

Amount of Surface Pipe Set and Cemented at 342.09 feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set 1792 feet

If alternate 2 completion, cement circulated
from 1792 feet depth to surface w/ 340 SX cmt

API NO. 15 - 163-22,774 0000

County Rooks

SE NW NW Sec 3 Twp 7S Rge 20 East West

4150 Ft North from Southeast Corner of Section
4290 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

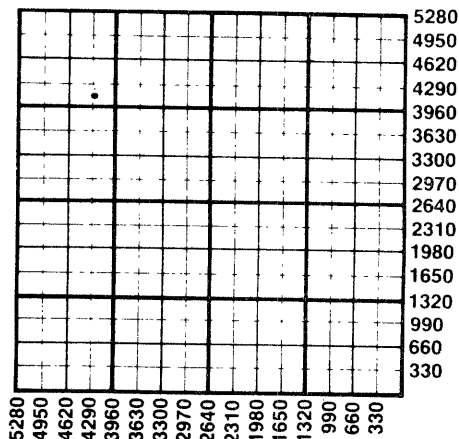
Lease Name Waller Well# 4

Field Name Probasco

Producing Formation Kansas City

Elevation: Ground 2178 KB 2183

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #

Groundwater... Ft North From Southeast Corner and
(Well) ... Ft. West From Southeast Corner of
Sec Twp Rge East West

Surface Water... 1320... Ft North From Southeast Corner and
(Stream, Pond etc.)... 330... Ft West From Southeast Corner
Sec 34 Twp 6S Rge 20 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.

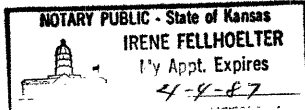
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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 Charles R. Ramsay
Title Vice-President Date 12/31/85

Subscribed and sworn to before me this 31st day of December 19 85

Notary Public Irene Fellhoelter
Date Commission Expires 4-4-87



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)

Form ACO-1 (7-84)

JAN 2 1986
1/2/86
Wichita, Kansas

Sec. 3 Twp. 7 Rge. 20

SIDE TWO

Operator Name H & C Oil Operating Lease Name Waller Well# 4 SEC 3 TWP. 7S RGE. 20 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 3543-80 30-60-60-60
 Rec. 230' CGO 120' GOCM
 IHP 1843# IFP 72#-93# ISIP 823#
 FHP 1843# FFP 123#-144# FSIP 802#
 Temp. 107 F

Name	Top	Bottom
Anhydrite	1758	1791
Topeka	3161	
Oread	3313	
Heebner	3366	
Toronto	3389	
Lansing KC	3404	3602

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	12 1/4"	8.5/8"	23#	342'	Common	225	3% CC. 2% Gel
Production	7.7/8"	5. 1/2"	14#	3667	Surefill	150	500 Gal. Mud sweep
					50/50 PosMix	340	10% Gel
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
2	3566-72, 3559-61, 3550-54			7000 Gal. 15% M.A. & INS			3566
4	3476-80, 3484-88, 3492-96			4000 Gal. 15% M.A. & INS			3496
2	3442-46			3000 Gal. 15% INS			3442
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing method					
12-5-85		<input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)					
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	52 Bbls	MCF	20 Bbls	CFPB			

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

PRODUCTION INTERVAL
 3442-3572