

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 Co Inc
Address P.O. Box 86
Plainville, Kansas 67663
City/State/Zip

Purchaser Koch

Operator Contact Person Charles Ramsay
Phone 913-434-7434

Contractor: License # 9087
Name R & C Drilling Co., Inc.

Wellsite Geologist Doug Davis
Phone 316-943-8303

Designate Type of Completion
 New Well Re-Entry Workover

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

1/15/88 1/25/88 2-11-88
Spud Date Date Reached TD Completion Date
4586' 4558'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 280 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2232' feet
If alternate 2 completion, cement circulated
from 2232' feet depth to surface 245' cmt
Cement Company Name B-J Titao
Invoice # 362833

API NO. 15-101-21,456-000

County Lane

SE SE SE 36 16 30 East
Sec Twp Rge XX West

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

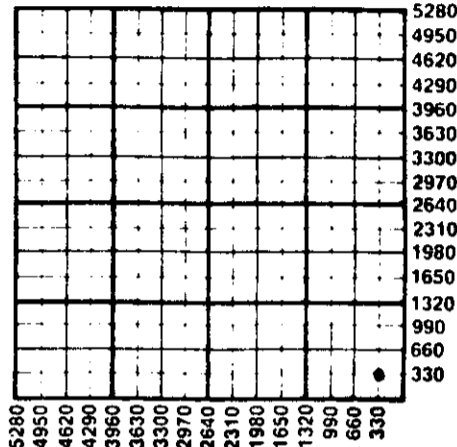
Lease Name Koch Well # A-1

Field Name Shay NW

Producing Formation Cherokee

Elevation: Ground 2831 KB 2836

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

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

Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge East West

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

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 4-6-88

Subscribed and sworn to before me this 6th day of April 1988
Notary Public *James J. Felhoelter*
Date Commission Expires

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
KCC SWD/Rep NGPA
COMMISSION Plug Other
KGS (Specify)
APR 7 1988
4-7-88

NOTARY
James J. FELLHOELTER
My Appt. Expires 4-4-91

Sec 36 Twp 16 Rge 30 W

Operator Name H & C Oil Operating Co., Inc. Lease Name..... Koch Well #..... A-1

Sec..... 36 Twp..... 16 Rge..... 30 East West County..... Lane

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: 4371-4395 30-60-120-60
 IHP 2295# FHP 2273#
 IFP 110-110# FFP 121-121#
 ISIP 330# FSIP 297# BHT 123 F
 Rec. 360' GIP; 15' FO; 65' OCM

DST #2: 4490-4502 30-60-120-60
 IHP 2439# FHP 2428#
 IFP 110-185# FFP 283-414#
 ISIP 929# FSIP 907# BHT 128 F
 Rec. 600' GIP; 240' FO; 660' SW

Name	Top	Bottom
Heebner	3906	
Lansing	3943	
Muncie Creek	4106	
BKC	4279	
Marmaton	4309	
Cherokee	4466	
Johnson	4501	
Mississippian	4555	

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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 Production	12 1/2"	8-5/8" 5 1/2"	25 lb 14 lb	277' 4584'	60/40 port. surefill	150 165	3%cc/2%gel
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated					Depth	
4	4540-46			1000 gal. 7 1/2%			
4	4526-32			150gal 7 1/2% & 1000 Diesel			
4	4481-83 & 4485-87			500 gals. 15%			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size		Set At		Packer at			
2 7/8"		4543'					
Date of First Production		Producing Method					
2-13-88		<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	
80 bbls			MCF	200 bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled