

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 # 5815
Name C & R Drilling
Address 410 17th Street
Suite 1140
City/State/Zip Denver, Colorado 80202

Purchaser Koch Oil Company
Wichita, KS

Operator Contact Person Les Olson
Phone 303-623-6144

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

Wellsite Geologist Bill Robertson
Phone

Designate Type of Completion

XX New Well Re-Entry Workover

X Oil SWD Temp Abd

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply etc.)

If OWNED: old well info as follows:

Operator
Well Name
Comp. Date
Old Total Depth

WELL HISTORY

Drilling Method:

XX Mud Rotary Air Rotary Cable

6/20/88 6/27/88 7/9/88
Spud Date Date Reached TD Completion Date
4390'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 316 feet
Multiple Stage Cementing Collar Used? XX Yes No
If yes, show depth set 1737 feet
If alternate 2 completion, cement circulated from 1740 feet depth to surface 450 SX cmt
Cement Company Name BJ Titan
Invoice # UK008
11-7-88

API NO. 15-135-23.254-0000

County Ness

W/2 NW NW Sec. 36 Twp. 16 Rge. 23 East XX West

4620 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

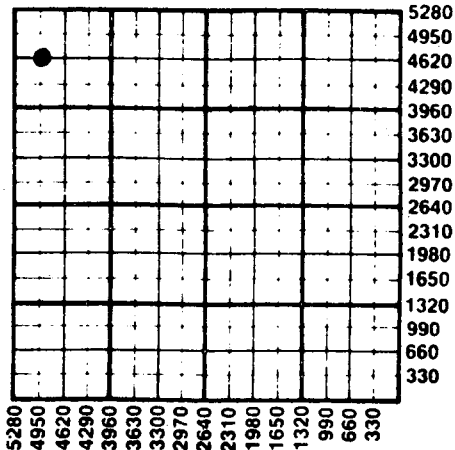
Lease Name Klitzke Well # 1

Field Name Klitzke

Producing Formation Mississippian

Elevation: Ground 2399' KB 2407'

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

X Surface Water Ft North from Southeast Corner (Stream, pond etc.) Ft West from Southeast Corner SE/4 Sec 6 Twp 16 Rge 22 East X West

Other (explain)
(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 [Signature]
Vice President Date 8/19/88

Subscribed and sworn to before me this 19th day of August 1988.
Notary Public [Signature]
Date Commission Expires July 18, 1990

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)
11-2-88

Sec 36 Twp 16 Rge 23 E

Operator Name C & R Drilling Lease Name..... Klitzke Well #..... 1

Sec..... 36 Twp..... 16 Rge..... 23 East West County..... Ness

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 4275-4348 Open 15 min., weak blow died, SI 30 min. flushed tool, good flush, no blow in 10 min., came out.

DST #2 4378-4390 15-45-30-45
 IFP 35-46, FFP 58-105
 ISIP 1305, FSIP 1305
 IHP 2223, FHP 2200
 slow blow to bottom then steady on both opens.
 Rec. 60' GIP, 150' GCO, 30' MO, 42 gravity

Name	Top	Bottom
Anhydrite	1718'	
Heebner	3780'	
Lansing KC	3919'	
Base KC		4096'
Pawnee	4192'	
Fort Scott	4283'	
Cherokee	4310'	
Mississippian	4378'	

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"	20 lb.	316'	60/40poz	200	2%gel-3%cc
Production		4 1/2"	10.5	4380'	Class A	185	2%gel-3%cc
						450	2%gel-3%cc
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
	OPEN HOLE						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size		Set At		Packer at			
2 3/8"		4380'					
Date of First Production		Producing Method					
7/9/88		<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	
15			none	none		42	
		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

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

4380-4390