

and

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 # 5916
Name Conoco Inc.
Address 3817 N.W. Expressway
City/State/Zip Oklahoma City, OK 73112

Purchaser

Operator Contact Person Glen Hughes
Phone (316) 793-7871

Contractor: License #
Name

Wellsite Geologist
Phone

Designate Type of Completion
New Well Re-Entry Workover

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

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

WELL HISTORY

Drilling Method:
Mud Rotary Air Rotary Cable
8-28-72 9-8-72 10-12-88
Spud Date Date Reached TD Completion Date
4715 4690
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 500 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
Cement Company Name
Invoice #

API NO. 15- N/A
County Hodgeman
C NW SE 33 21S 24 East
Sec Twp Rge X West
1980 Ft North from Southeast Corner of Section
1980 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

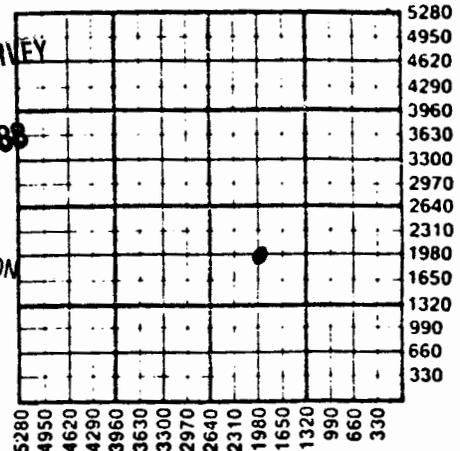
Lease Name Deutsch Well # 2

Field Name Bindley

Producing Formation Mississippi dolo

Elevation: Ground 2414' KB

Section Plat



KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH
NOV 17 1988
RECEIVED
STATE CORPORATION COMMISSION
NOV 14 1988
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # E-23,911 X 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) (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]
Title Supervisor-Regulatory Affairs Date 11-2-88

Subscribed and sworn to before me this 28th day of November 1988
Notary Public Janice Garlett
Date Commission Expires April 29, 1989

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)

Sec 33 Twp 21 Rge 24 W

W 42-12-82

SIDE TWO

Operator Name Conoco Inc. Lease Name Deutsch Well # 2

Sec. 33 Twp. 21S Rge. 24 East West County Hodgeman

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
Anhydrite	1662	
Heebner	3911	
Lansing	3960	
Stark Shale	4229	
Base Kansas City	4343	
Ft. Scott	4488	
Cherokee	4513	
Conglomerate	4591	
Mississippi dolo	4592	
Osage	4648	
TD	4715	

CASING RECORD <input 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"	28#	564'	Common	300	3% CC 2% GEL
Production		5 1/2"	14#	4714'	Howcolite	575	
Tubing		2 3/8"	4.6#				
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
	4593-4596'; 4598-4600'; 4616-4624'			750 gal. 1590 HCl			
				1 gal. CI-2			
				5 gal. Ferrotral 300L			
				3 gal. NE-7			
				250 gal. xylene			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
	Size	Set At	Packer at 4561'				
Date of First Production		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity	

METHOD OF COMPLETION

Production Interval

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