

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 # 3180
Name Deutsch Oil Company
Address 2059 Capri Ct.
City/State/Zip Wichita, KS 67207

Purchaser

Operator Contact Person Kent A. Deutsch
Phone 316-687-9565

Contractor: License # 5864
Name Lobo Drilling Company

Wellsite Geologist
Phone

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

.12-3-86... .12-8-86... .12-8-86...
Spud Date Date Reached TD Completion Date

..3550.....
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 286 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. 15-009-24,219-0000
County Barton
SE NE SE Sec. 19 Twp. 20 Rge. 12 East
XX West

1650 Ft North from Southeast Corner of Section
330 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

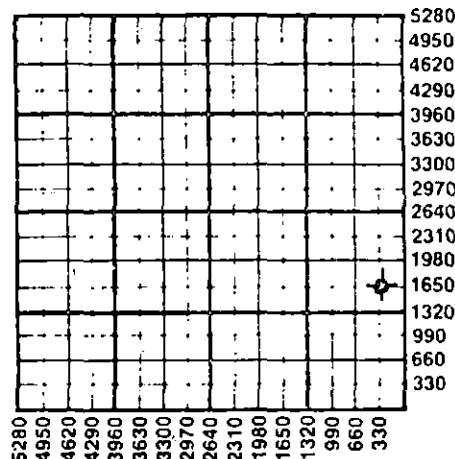
Lease Name Batchman Well # 1-19

Field Name

Producing Formation

Elevation: Ground 1858 KB 1863

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 1650 Ft North from Southeast Corner
(Well) 330 Ft West from Southeast Corner of
Sec 19 Twp 20 Rge 12 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.

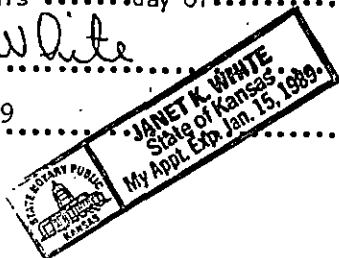
Signature [Signature]

Title President Date 12-18-86

Subscribed and sworn to before me this 18 day of December 1986

Notary Public Janet K. White

Date Commission Expires 1-15-89



12-18-86
K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
Wireline Log Received
Drillers Time Log Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other
CONSERVATION DIVISION
Wichita, Kansas
(Specify)

Sec 19 Twp 20 Rge 12 East

Operator Name Deutsch Oil Company Lease Name Batchman Well # 1-19

Sec. 19 Twp. 20 Rge. 12 East West County Barton

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 NO.1 3332-3378 L/KC
 30-45-15-15
 Rec: 10 Ft. Mud
 HP: 1790#-1771#
 IFP: 57#-57#
 ISIP: 55#
 FFP: 57#-57#
 FSIP: 57#
 BHT: 105

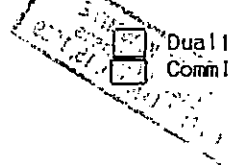
Name	Top	Bottom
Heebner	3075	-1212
Lansing	3214	-1351
Base K.C.	3431	-1568
Conglomerate	3444	-1581
Arbuckle Dolo.	Absent	

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 1/2"	8-5/8"	20#	286'	60/40 port.	150	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	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
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	Gas	Water	Gas-Oil Ratio		Gravity	
	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



DRILLER'S WELL LOG

DATE COMMENCED: December 3, 1986
 DATE COMPLETED: December 8, 1986

Deutsch Oil Company
 BATCHMAN #1-19
 SE NE SE
 Sec. 19, T20S, R12W
 Barton County, Ks.

0 - 680' Surface Soil, Sand, Clay Shale
 680 - 693' Anhydrite
 693 - 3071' Shale & Lime
 3071 - 3074' Shale
 3074 - 3104' Lime
 3104 - 3208' Shale
 3208 - 3431' Lime
 3431 - 3550' Shale, lime, Chert, Sand
 3550' RTD

ELEVATION: 1863 K.B.

FORMATION DATA

Anhydrite	680'
Heebner	3071'
Douglas	3104'
Lansing	3208'
Base K.C.	3431'
Conglomerate	3443'
RTD	3550'

Surface Pipe: Set new
 8-5/8", 20# pipe @286' w/
 150 sacks 60/40 pozmix
 2% gel 3% cc.

A F F I D A V I T

STATE OF KANSAS
 COUNTY OF BARTON) ss

RECEIVED
 STATE CORPORATION COMMISSION
 DEC 18 1986

Ervin Neighbors of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.

REGISTRATION DIVISION
 Wichita, Kansas

Ervin Neighbors

Subscribed and sworn to before me this 9th day of December 1986.

Dorothy M. Wague
 Notary Public

