

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
City/State/Zip: Wichita, KS 67207

Purchaser: Inland Purchasing

Operator Contact Person: Kent Deutsch
Phone: 316-687-9565

Contractor: License # 5929
Name: Duke Drilling Co., Inc.

Wellsite Geologist: Kent Deutsch
Phone: 316-687-9565

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

4-17-87 4-26-87 5-14-87
Spud Date Date Reached TD Completion Date

4380
Total Depth PBTB

Amount of Surface Pipe Set and Cemented at 357' 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. 15-151-21,831-00-00
County: Pratt
85'N & 140'W of
SW SE SE Sec. 5 Twp. 27 Rge. 12 East
415 Ft North from Southeast Corner of Section
1130 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

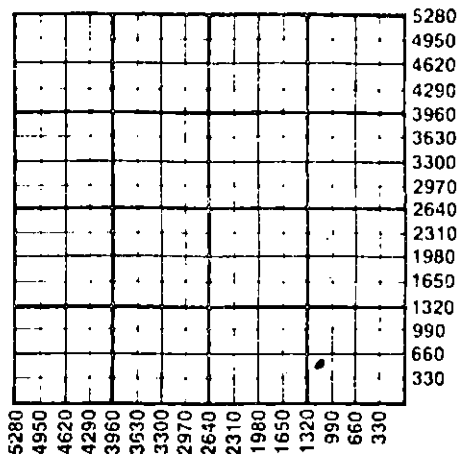
Lease Name: Dikeman Well #: 1

Field Name: Grimes, North

Producing Formation: Mississippi

Elevation: Ground 1856 KB 1861

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) (purchased from city, R.W.D. #)

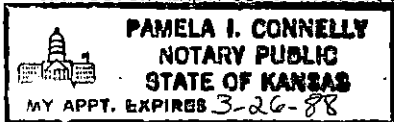
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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: Kent A. Deutsch
Title: President Date: 5-22-87

Subscribed and sworn to before me this 22nd day of May 1987
Notary Public: Pamela I. Connelly

Date Commission Expires: March 26, 1988



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
 KCC SWD/Rep NGPA
 KCS/OM Plug Other (Specify)

RECEIVED JUN 15 1987
CONSERVATION DIVISION
Wichita, Kansas

Sec. 5 Twp. 27 Rge. 12 E

Operator Name Deutsch Oil Company Lease Name Dikeman Well # 1

Sec. 5 Twp. 27 Rge. 12 East West County Pratt

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

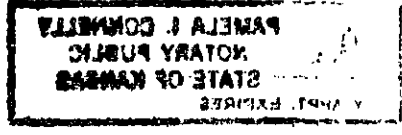
DST No. 1 Mississippi 4086-4167
 30-60-45-120
 GTS 20" Ga. 35 MCFGPD
 Rec. 90 ft. Gassy Mud
 HP: 2042-2011
 IFP: 52-61
 ISIP: 1421
 FFP: 63-65
 FSIP: 1380
 BHT: 113°

Name	Top	Bottom
Heebner Sh.	3492	
Douglas Sh.	3532	
Lansing	3680	
Base K.C.	4026	
Mississippi	4120	
Viola	4240	
Simpson Sh	4334	
Simpson Sd.	4342	

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	12 1/4"	8-5/8"	20#	357'	60/40poz	200	2% gel 3% cc.
Production	7-7/8"	4 1/2"	10 1/2#	4380'	60/40poz	125'	10% salt
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 shots/ft.	4121 to 4155 (34 ft.)			1500 gal. 7 1/2% acid Frac: 120,000 lbs. Sd. 58,000 gal of gelled water		4121-4155	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
5-15-87		<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 Bbls	Gas TSTM MCF	Water Bbls	Gas-Oil Ratio	Gravity		
37			30	----	41		

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation Sold Other (Specify) 4122-4155
 Used on Lease Dually Completed Commingled



DRILLER'S WELL LOG

DATE COMMENCED: April 17, 1987
DATE COMPLETED: April 26, 1987

Deutsch Oil Company
DIKEMAN #1
85' N & 140W of SW SE SE
Sec, 5, T27S, R12W
Pratt County, Ks.

ELEVATION: 1861 K.B.

0 - 629' Surface Soil, Sand, Clay,
Red Bed
629 - 654' Anhydrite
654 - 3492' Shale & Lime
3492 - 3496' Shale
3496 - 3510' Lime & Shale
3510 - 3532' Lime
3532 - 3669' Shale
3669 - 3681' Lime & Shale
3681 - 4029' Lime
4029 - 4120' Shale & Lime
4120 - 4240' Chert & Lime
4240 - 4334' Chert
4334 - 4342' Shale
4342 - 4380' Sand
4380' RTD

FORMATION DATA

Anhydrite 629'
Heebner 3492'
Toronto 3510'
Douglas 3532'
Br. Lime 3669'
Kansas City 3681'
Base K.C. 4029'
Mississippi 4120'
Viola 4240'
Simpson Sh. 4334'
Simpson Sd 4342'
RTD 4380'

Surface Pipe: Set new
8-5/8", 20# @357' w/200
sacks 60/40pozmix 2% gel
3% cc.

Production Pipe: Set used
4 1/2", 10 1/2# @ 4301' w/125
sacks 60/40 pozmix 10%
salt w/20 bbls. salt flush
ahead.

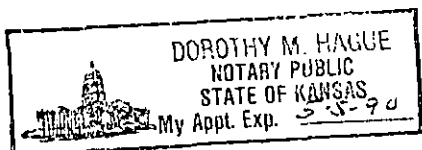
A F F I D A V I T

STATE OF KANSAS
COUNTY OF BARTON) ss

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

Leonard Williamson

Subscribed and sworn to before me this 28 day of April 1987.



Dorothy M. Hague
Notary Public

JUN 15 1987

CONSERVATION DIVISION
Wichita, Kansas