

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 # 6600
Name Don Karst Well Service Inc.
Address 201 E. 29th
City/State/Zip Hays, KS 67601

Purchaser Farmland Industries
Bartlesville, OK 74006

Operator Contact Person Don Karst
Phone (913) 483-3958

Contractor: License # 8241
Name Emphasis Oil Operations

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 ONWO: old well info as follows:

Operator Lawbanco Drilling Inc.
Well Name Koelling #1
Comp. Date 5/10/85 Old Total Depth 3360'

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
8/6/85 8/8/85 8/27/85
Spud Date Date Reached TD Completion Date
3359' PBT

Amount of Surface Pipe Set and Cemented at 564 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

API NO. 15-141-20-218A-00-01
County Osborne
NW SW SE Sec 22 Twp 10 Rge 15 East West

990 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

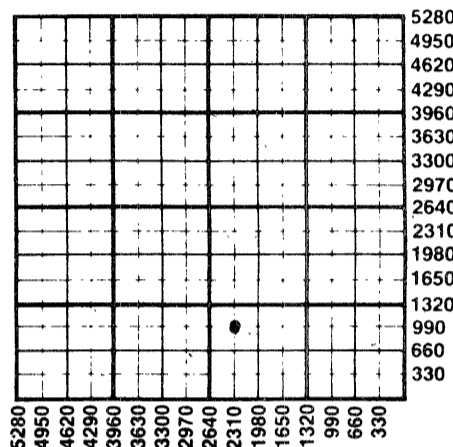
Lease Name Koelling Well # 1

Field Name Ruggels

Producing Formation Topeka - Lansing KC

Elevation: Ground 1781' KB 1786'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

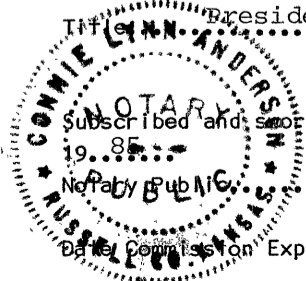
Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

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 650 Ft North from Southeast Corner (Stream, pond etc) 100 Ft West from Southeast Corner Sec 22 Twp 10 Rge 15 East West
 Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 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 Donald D. Karst
Title President Date 9-20-85



Subscribed and sworn to before me this 20th day of September 1985
Notary Public Connie Lynn Anderson
Date Commission Expires March 29, 1987

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)
RECEIVED
STATE CORPORATION COMMISSION

Sec. 22 Twp. 10 Rge. 15

SIDE TWO

Operator Name Don Karst Well Service, Inc. Lease Name..... Koelling, Well #.....

Sec..... 22 Twp..... 10 Rge..... 15 East West County..... Osborne.....

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
Topeka	2660'	-874
Heebner	2903'	-1117
Toronto	2927'	-1141
LKC	2956'	-1170
BKC	3220'	-1434
Conglomerate	3310'	-1524

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.....	..... 12-1/4.....	..... 8-5/8".....	.....	.....	.....	.....	.....
..... Production.....	..... 7-7/8.....	..... 4-1/2.....	..... 9-1/2.....	..... 3359.....	..... 60/40 POZ.....	..... 200.....	..... 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
..... 4.....	..... 2690-98'.....	..... 4000 gal. 15% HC.....	..... 8'.....
..... 4.....	..... 2984-3000 Limited Entry (2982-86').....	..... 4500 gal. 20% HC.....	..... 4'.....

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
	2 3/8	3326'			

Date of First Production	Producing Method
8-27-85	<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
	50		23		39
	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

2690-98'.....
 2982-86'.....