

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 P.O. Box 1316
City/State/Zip Hays, Kansas 67601

Purchaser None

Operator Contact Person Don Karst
Phone (913)-628-1125

Contractor: License # 8241
Name Emphasis Oil Operations

Wellsite Geologist none
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 OWWO: old well info as follows:
Operator Mustang Drilling
Well Name Froelich #7
Comp. Date 8-9-88 Old Total Depth 3565'

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
2/22/89 2/23/89 2-23-89
Spud Date Date Reached TD Completion Date
1300' n/a
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 266 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. 15-051-24,563-00-01
County Ellis
NE SW NE Sec 34 Twp 12S Rge 16 East
West

3630 Ft North from Southeast Corner of Section
1650 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

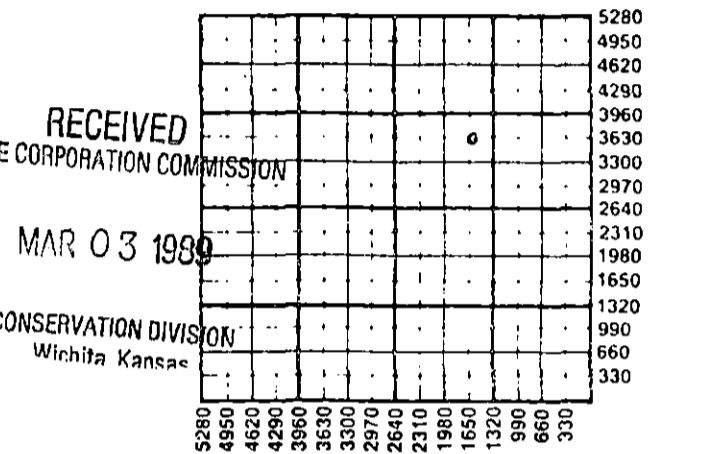
Lease Name Froelich "OWWO" Well # 1

Field Name Emmeran NE

Producing Formation none

Elevation: Ground 2037' KB 2042'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # n/a 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 4620 Ft North from Southeast Corner (Stream, pond etc) 990 Ft West from Southeast Corner Sec 11 Twp 11S Rge 9 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 Donald Karst

Title Donald D. Karst, President Date 3-1-89

Subscribed and sworn to before me this 1st day of March 1989

Notary Public Colleen Payton

Date Commission Expires May 2, 1991

Colleen Payton
NOTARY PUBLIC
State of Kansas
MY APPT. EXPIRES 5-2-91

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)
3-3-89 (4)

Sec. 34 Twp 12 S Rge 16 W

SIDE TWO

Operator Name Don Karst Well Service, Inc. Lease Name Froelich "OWWO" Well # 1

Sec. 34 Twp. 12S Rge. 16 East West County Ellis

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

CASING RECORD <input 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 ** **previously set	12-1/4	8-5/8		266		150	
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					
n/a		<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		
	none						
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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

EMPHASIS OIL OPERATIONS

P. O. BOX 506

RUSSELL, KS 67665

DRILLERS LOG

OPERATOR: Don Karst Well Service, Inc.
201 E. 29th Street
Hays, Kansas 67601

CONTRACTOR: Emphasis Oil Operations
Box 506
Russell, KS 67665

LEASE: Froelich "OWWO" WELL #1

LOCATION: NE SW NE
Section 34-12S-16W
Ellis County, Kansas

ROTARY TOTAL DEPTH: 1300'

ELEVATION: 2042' K.B.

COMMENCED: 2/22/89

COMPLETED: 2/23/89

casing: 8-5/8" @ 266' previously set

STATUS: Dry Hole "OWWO"

DEPTHS & FORMATIONS

(All measurements from K.B.)

1st Plug	36'	Anhydrite	1204'
2nd Plug	130'-232'	Red Bed	1300'
3rd Plug	665'	R.T.D.	1300'
Red Bed	1179'		

STATE OF KANSAS)
) ss
COUNTY OF RUSSELL)

Kyle B. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.

Kyle B. Branum
Kyle B. Branum

RECEIVED
STATE CORPORATION COMMISSION

Subscribed and sworn to before me on February 24, 1989.

My commission expires: February 6, 1992.

MAR 03 1989

CONSERVATION DIVISION
Wichita, Kansas

GLEND A. TIFFIN
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 2-6-92

Glenda R. Tiffin
Glenda R. Tiffin, Notary Public