

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

8933

API NO. 15- 163-23227

34-10-19W

County Rooks

C - NW Sec. 34 Twp. 10S Rge. 19 X W

3960' Feet from S/N (circle one) Line of Section

3960' Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name McKenna D Well # 1

Field Name Zurich

Producing Formation _____

Elevation: Ground 2166' KB 2171'

Total Depth 3713' PSTD _____

Amount of Surface Pipe Set and Cemented at 261' Feet

Multiple Stage Cementing Collar Used? _____ Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cnt.

Drilling Fluid Management Plan Dr 10 8-10-93
(Data to be collected from the Reserve Pit)

Chloride content 34000 ppm Fluid volume 300 bbls

Dewatering method used Left to dry

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ Rng. _____ E/W

County _____ Docket No. _____

Operator: License # 30678

Name: West Central Oil

Address 229 S. Franklin

City/State/Zip Russell, KS 67665

Purchaser: _____

Operator Contact Person: Fred Ernst

Phone (913) 483-2585

Contractor: Name: Vonfeldt Drilling Company

License: 9431

Wellsite Geologist: _____

Designate Type of Completion

X New Well _____ Re-Entry _____ Workover

_____ Oil _____ SWD _____ SIOW _____ Temp. Abd.

_____ Gas _____ ENHR _____ SIGW

X Dry _____ Other (Core, USW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

_____ Deepening _____ Re-perf. _____ Conv. to Inj/SWD

_____ Plug Back _____ PSTD

_____ Cemented _____ Docket No. _____

_____ Dual Completion _____ Docket No. _____

_____ Gravel (SWD or Inj?) _____ Docket No. _____

6/28/93 7/5/93 7/7/93

Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 Fred Ernst

Title Opco. Date Aug 6 1993

Subscribed and sworn to before me this 6th day of August, 19 93.

Notary Public Lauraine Weathers

Date Commission Expires Jan. 29, 1997

K.C.C. OFFICE USE ONLY	
F	Letter of Confidentiality Attached
C	Wireline Log Received
C	Geologist Report Received
Distribution	
<u>0</u> KCC	SWD/Rep _____ NSPA _____
<u>0</u> KGS	Other (Specify) _____
STATE CORPORATION COMMISSION	
AUG - 9 1993	

CONSERVATION DIVISION
WICHITA, KANSAS

LAURINE WEATHERS
State of Kansas
My Appt. Exp. 1/29/97

Operator Name _____ Lease Name _____ Well # **73673**

Sec. _____ Top. _____ Rge. _____ East West
 County _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem test (DST) 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 sheets if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

List All E.Logs Run:

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

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
Perforate					
Protect Casing					
Plug Back TD					
Plug Off Zone					

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze (Amount and Kind of Material Used)	Ord Depth
	Specify Footage of Each Interval Perforated			

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No				
Date of First, Resumed Production, SMD or Inj.	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

Disposition of Gas:	<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	METHOD OF COMPLETION	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled	Production Inter
		<input type="checkbox"/> Other (Specify) _____		

DRILLERS WELL LOG

DATE COMMENCED: June 29, 1993
DATE COMPLETED: July 7, 1993

West Central Oil
McKenna D #1
C NW Sec. 34-10S-19W
Rooks County, Kansas

ELEVATION: 2166 G.L.
2171 K.B.

0	-	2655'	Rock, Sand, Shale
265	-	470'	Shale
470	-	975'	Sand, Shale
975	-	1186'	Sand
1186	-	1345'	Red bed
1345	-	1501'	Sand, Shale
1501	-	1534'	Anhydrite
1534	-	1850'	Shale
1850	-	2290'	Shale, Lime
2290	-	2990'	Lime, Shale
2990	-	3365'	Shale
3365	-	3454'	Shale, Lime
3454	-	3689'	Shale
3689	-	3713'	Conglomerate
		3713'	R.T.D.

FORMATION DATA

Anhydrite	1501'
Base Anhydrite	1534'
Topeka	3113'
L.K.C.	3373'
Base K.C.	
Artuckle	3704'
R.T.D.	3713'

Surface Pipe: Set 28# used
8 5/8" casing at 261' with
160 sacks 60/40 poz., 2% gel,
3% cc.

A F F I D A V I T

STATE OF KANSAS
COUNTY OF RUSSELL) ss

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

Roy Vonfeldt

Roy Vonfeldt