

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISIONWELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 6033
 Name Murfin Drilling Company
 Address 250 N. Water, Suite 300
 City/State/Zip Wichita, KS 67202

Purchaser.....

Operator Contact Person L.O. Butner
 Phone 267-3241

Contractor: License # 6033
 Name Murfin Drilling Company

Wellsite Geologist..... Roger Welty
 Phone..... 913-674-5835

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
 Well Name
 Comp. Date Old Total Depth.....

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

11/20/85 11/25/85 1/14/86
 Spud Date Date Reached TD Completion Date
 3490' 3445'
 Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 1336 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. 15-163-22,816

County.....Rooks

NE SE SE Sec 26 Twp 10S Rge 19W ☒ West

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

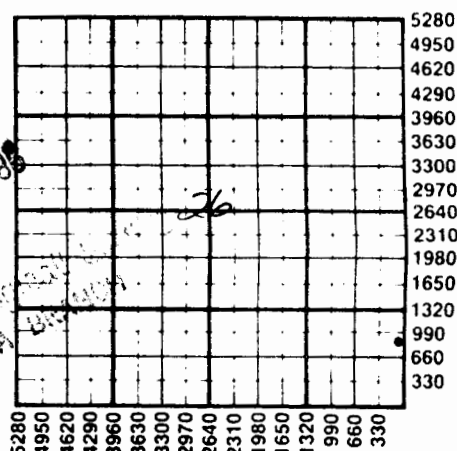
Lease Name.....Zurich Pool Inj. LW Well #.....1-26

Field Name.....Zurich

Producing Formation.....LKC/Topeka

Elevation: Ground.....2022' KB.....2027'

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 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.

13500

SIDE TWO

Operator Name Murfin Drilling Company Lease Name Zurich Pool Inj. LW Well # 1-26

Sec. 26 Twp. 10S Rge. 19W ☐ East ☐ West County Rooks

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
Anhydrite	1326'	+ 697
B/Anhydrite	1359'	+ 664
Topeka	2954'	- 931
Heebner	3173'	-1150
Toronto	3198'	-1175
Lansing	3217'	-1194
BKC	3435'	-1412
Conglomerate	3482'	-1459
TD	3490'	-1467

METHOD OF COMPLETION

Disposition of gas: ☐ Vented ☐ Open Hole ☒ Perforation
☐ Solid ☐ Other (Specify) same as above
☐ Used on Lease
☐ Dually Completed
☐ Commingled

Casing Record ☐ New ☒ 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"		1336'	60/40 Pozmix	500	500 sx.
Production	7 7/8"	4 1/2"	10 1/2#	3489'	Econolite	100	100 sx.
					50-50 Pozmix	-	75 sx.

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3408-11', 3387-90', 3370-72', 3298-3304' & 2981-89'	440 gal. MOD-202	all perms

TUBING RECORD

Size 1 1/2" Set 2953.25' Packer at 2955.05' Liner Run ☐ Yes ☐ No

Date of First Production _____ Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain)