

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

Operator Contact Person Larry M. Jack
Phone 316-267-3241

Contractor: License # 6033
Name Murfin Drilling Company

Wellsite Geologist Roger Welty
Phone 913-674-5835

PURCHASER n/a

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
4/17/85 4/22/85 6/12/85
Spud Date Date Reached TD Completion Date
4250' 4210'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 257 feet

Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2894 feet

If alternate 2 completion, cement circulated from 2894 feet depth to surf.w./390 SX cmt

API NO. 15-153-20,603 - 00-00

County Rawlins

E/2 E/2 E/2 Sec. 2 Twp. 1S Rge. 34 East West

2640 Ft North from Southeast Corner of Section
100 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

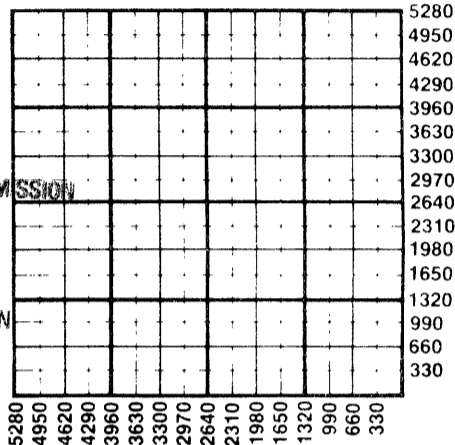
Lease Name Cahoj NE A Unit Well # 2-W Inj

Field Name Cahoj NE

Producing Formation LKC (K, J, I, & H)

Elevation: Ground 3043' KB 3048'

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
JUN 24 1985
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner 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.#)

Disposition of Produced Water: Disposal Repressuring

Docket #

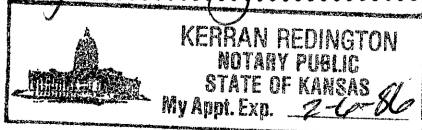
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply. Information on side two of this form will be held 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 By: Larry M. Jack, Eastern Div.
Title Production Manager Date 6/20/85

Subscribed and sworn to before me this 20 day of June 1985

Notary Public: Kerran Redington
Date Commission Expires 2/6/86



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)

SIDE TWO

Operator Name Murfin Drilling Co. Lease Name Cahoj NE A Well# 2-W Inj. 2 1S 34 East
 SEC.....TWP.....RGE..... West

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	2889'	
B/Anhydrite	2926'	
Topeka	3747'	
Oread	3854'	
Lansing	3944'	
BKC	4211'	

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"	24#	257'	Pozmix	200	3% CC
Production	7 7/8"	5 1/2"	15#	4248'	Class A	150	10% salt, 3/4% CFR-2
2nd stage w/330 sx. Class A & 60 sx. Class A, 2% econolite, 1/4#/sx. flocele							
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	4181-85'			250 gal. MOD-202		all zones	
4	4147-49'			250 gal. MOD-202		4181-85'	
4	4140-42'			250 gal. MOD-202		4147-49' & 4140-42'	
4	4114-16' & 4095-99'			250 gal. MOD-202		4114-16'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size 1 1/2"		Set At 4026'		Packer at		250 gal. MOD-202 4095-99'	
Date of First Production		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	

METHOD OF COMPLETION

Production Interval

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