

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.....

Purchaser.....Koch Oil Co.....  
Wichita, KS 67202.....

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

Contractor: License # ...6033.....  
Name ...Murfin Drilling Company.....

Wellsite Geologist.....Steve Dixon.....  
Phone.....316-262-0135.....

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If OWMO: old well info as follows:  
Operator .....  
Well Name .....  
Comp. Date .....Old Total Depth.....

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
12/04/85 12/14/85 1/31/86  
Spud Date Date Reached TD Completion Date  
4730' 4676'  
Total Depth PBTD 301  
Amount of Surface Pipe Set and Cemented at.....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-...077-21, J20-0000.....

County.....Harper.....

C.N/2.NE. NW... Sec..22 Twp..31 Rge..6...  East  West

4950.... Ft North from Southeast Corner of Section  
3300.... Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

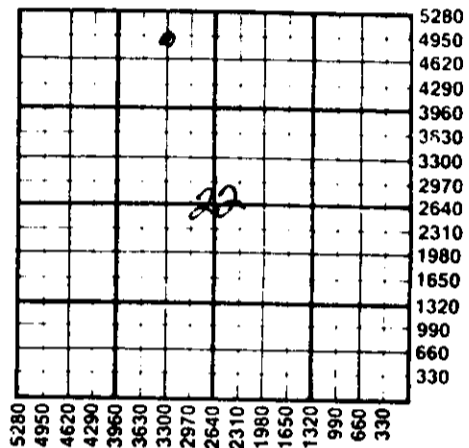
Lease Name.....HUFFORD.....Well #.....1-22.....

Field Name.....w/c Dish, EAST.....

Producing Formation.....Mississippian.....

Elevation: Ground.....1422.....KB.....1429.....

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 Twp Rge  East  West

Surface Water.....Ft North from Southeast Corner (Stream, Pond, Lake) .....Ft West from Southeast Corner of Twp Rge  East  West

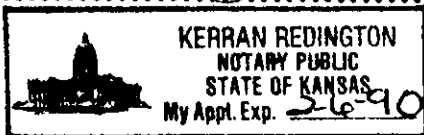
Other .....  
(purchased from city, R.W.D. #)

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 By: Larry M. Jack  
Larry M. Jack  
Title...Eastern Div. Prod. Mgr..... Date 4/29/86.....

Subscribed and sworn to before me this 29 day of April 1986...  
Notary Public: Kerran Redington  
Kerran Redington  
Date Commission Expires...2/6/90.....



K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Time Log Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

Section 29, Twp. 31, Rge. 6, W. 1/2

Operator Name **Murfin Drilling Company** Lease Name **Hufford** Well # **1-22**

Sec. **22** Twp. **31S** Rge. **6W** County **Harper**

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

DST #1: 4230-50, 30-60-60-90,  
 IF: GTS 17 minutes, Rec. 30' GCM,  
 HP: 2130-2107, FP: 35/35 35/35, SIP: 1451-1451

DST #2: 4248-4263, 30-60-60-90,  
 IF: GTS in 8 min.  
 Rec. 185' GCM (no oil or water)  
 HP: 2141-2119, FP: 59/59 71/71  
 SIP: 1543-1532, BHT 129°

DST #3: 4259-4271, IF: FTS 3 minutes.  
 Rec. 60' GCM, 180' MW.  
 HP: 2141-2119, FP: 47/47 59/71  
 SIP: 1543-1543, BHT: 129°

Name	Top	Bottom
HEEBNER	3074	(-1645)
TORONTO	3090	(-1661)
IATAN	3330	(-1901)
LANSING	3648	(-2219)
STARK	3818	(-2389)
MISS	4222	(-2793)
KINDERHOOK	4534	(-3105)
SIMPSON	4657	(-3228)
RTD	4730	
LTD	4727	

RELEASED

MAY 28 1987

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Use <b>FROM CONFIDENTIAL</b>							
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 Prod.	12 1/4 7 7/8"	8 5/8" 4 1/2"	24# 10 1/2#	301' 4724'	60/40 poz Class A	175 200 1/2	3% cc 2% gel 10% salt, 3 3/4% gal. latex/sx.
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	4246-54'			250 gal. 15% FE, 1000 gal. 15% FE, 123,000 SCF N2		4246-54'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Producing Method					
* 1/31/86		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
*Currently shut in gas well 4/86. Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
		7	200	80	---	---	
		bbls	MCF	Bbls	CFPB		

CFR-2

METHOD OF COMPLETION

Production Interval

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

4246-54'