

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 # 6393  
Name Brougher Oil, Inc.  
Address P.O. Drawer 1367  
Great Bend, KS 67530  
City/State/Zip

Purchaser: Inland Crude Purchasing Co.  
Wichita, KS 67202

Operator Contact Person Mr. Joe E. Brougher  
Phone 316-793-5610

Contractor: License # 6394  
Name Mohawk Drilling, Inc.

Wellsite Geologist Mr. Jerry Green  
Phone 913-625-9023

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

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
7/24/85 8/1/85 9/7/85  
Spud Date Date Reached TD Completion Date  
4425 4270  
Total Depth PBTD  
Amount of Surface Pipe Set and Cemented at 408 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 cnt

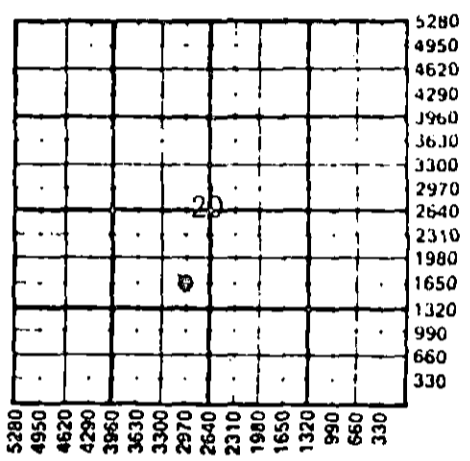
API NO. 15-185-22,255-0000  
County Stafford  
SE NE SW Sec. 20 Twp 25S Rge 13W  East  West

1650 Ft North from Southeast Corner of Section  
2970 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name CURTIS "A" Well # 1  
Field Name McCandless NE Ext (1/8 W)?

Producing Formation Viola & Mississippi

Elevation: Ground 1955 KB 1965



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 # T 85-666  
 Groundwater 1750 Ft North from Southeast Corner  
2970 Ft West from Southeast Corner of  
Sec 20 Twp 25S Rge 13W  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 Dorby 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 Brent B Reinhardt  
Title Company Geologist Date 10/30/85  
Subscribed and sworn to before me this 30 day of Oct 1985  
Notary Public Jeri Pebley  
Date Commission Expires 6-9-86

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

JERI PEBLEY  
NOTARY PUBLIC  
STATE OF KANSAS  
MY APPT. EXPIRES 6-9-86

10-31-85 STATE CORPORATION COMMISSION

OCT 31 1985

Section Two Page One

**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 (4093-4170) Mississippi  
 TIMES: 45'45'45'45"  
 REC: 120' SCG & VSOCM  
 SIP: 305/305 HP: 2185/2185  
 FP: 68-153/153-220 BHT: 108°F

DST #2 (4225-4262) Viola  
 TIMES: 45'45'45'45"  
 REC: 120' GC & VSOCM  
 60' GC & SOCM  
 SIP: 136/153 HP: 2285/2268  
 FP: 41-68/68-68 BHT: 109°F

DST #3 (4284-4350) Viola  
 TIMES: 30'30'30'30"  
 REC: 40' VSGCM with Spks of Oil in Tool  
 SIP: 119/102 HP: 2384/2351  
 FP: 51-68/68-68 BHT: 107°F

Name	DEPTH	DATUM
Heebner	3578	-1613
Toronto	3596	-1631
Douglas	3617	-1652
Brown Line	3738	-1773
Lansing	3760	-1795
BKC	4055	-2090
Conglomerate	4096	-2131
Mississippi	4124	-2159
Kinderhook Shale	4164	-2199
Viola	4210	-2245
Simpson Shale	4352	-2387
Simpson Sand	4357	-2392
Arbuckle	4420	-2455
RTD	4425	-2460
LTD	4427	-2462

Welex, Inc.  
 Radiation Guard Sidewall Neutron,  
 Computer Analyzed Log, Acoustic  
 Cement Bond Log.

**RELEASED**  
 JAN 22 1987  
 FROM CONFIDENTIAL

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 (U)	12 1/4"	8 5/8"	24	408	60/40 POZ	300	3%CC
Production (U)	7 7/8"	5 1/2"	14	4424	50/50 POZ	175	18% Salt, .75% CBR2

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
2	4230-4238, 4210-4216. (Viola)	AC: 750gals. 15% Fe. ReAC: 3000gals 15% Ne, SWB: 142bbls. (9% Oil)	4260
2	4159-4162 (Lower Miss)	AC: 500gals. 15% Fe. SWB: 1.2bbls. TWtr.	4180
2	4126-4128, 4135-4139. (Upper Miss)	AC: 750gals. 15% Fe. SWB: 2.3bbls. (29% O) FR: 20/40 Sand @ 10,000# SWB: 3.8 bbls (32% O)	4150

TUBING RECORD		Liner Run	
size	set at	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
2 3/8"	4256'	packer at 4270	
Date of First Production	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)		
9/12/85			
Estimated Production Per 24 Hours	Oil	Gas	Water
5	Bbls	MCF	Bbls
			Gas-Oil Ratio
			CFPB
			Gravity

Disposition of gas:  vented  sold  used on lease

METHOD OF COMPLETION  open hole  perforation  other (specify) \_\_\_\_\_

Dually Completed.  Commingled

PRODUCTION INTERVAL  
 4230-4238, 4210-4216 (Vio)  
 4159-4162, 4126-4128,  
 4135-4139. (Miss)