

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
City/State/Zip Great Bend, Ks 67530

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

Contractor: license # 6394
name Mohawk Drilling, inc.

Wellsite Geologist Brent B. Reinhardt
Phone (316)-793-5610

PURCHASER Inland Crude

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

5-25-84 6-2-84 7-7-84
Spud Date Date Reached TD Completion Date

3660 3510
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 335 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. 15-185-22,011-0000

County Stafford, Kansas

SW NW NE Sec 11 Twp 22 Rge 12 West

4290 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

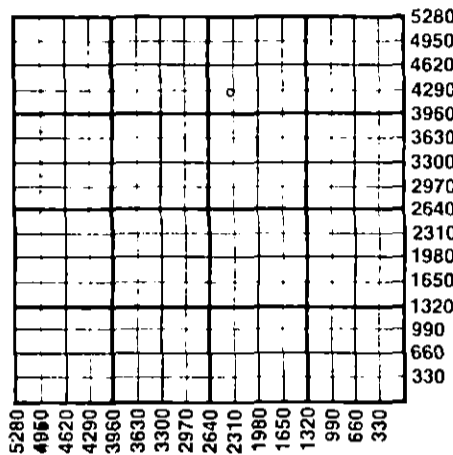
Lease Name Willinger "B" Well# 5

Field Name Max

Producing Formation LKC

Elevation: Ground 1841 KB 1851

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit # N/A

Groundwater 4290 Ft North From Southeast Corner and
2310 Ft. West From Southeast Corner of
Sec 11 Twp 22 Rge 12 East West

Surface Water Ft North From Southeast Corner and
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 # D-21034

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. Rules 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.

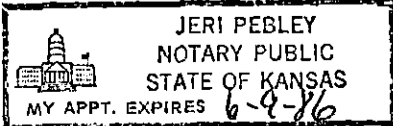
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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 Joe E. Brougher
Title President
Date 8-2-84

Subscribed and sworn to before me this 2nd day of August 19 84

Notary Public Jeri Pehley
Date Commission Expires 6-9-86



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

Sec 11 Twp 22 Rge 12 West

RECEIVED
STATE CORPORATION COMMISSION
8-6-84
AUG 06 1984
CONSERVATION DIVISION
Wichita, Kansas

SIDE TWO

Operator Name Brougner Oil, Inc. Lease Name Willinger, B Well# .5. SEC. 11. TWP. 22. RGE. 12. East 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.

<p>Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p>
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<p>DST #1: (3285-3315) Lansing A-B Times 15:15:30:30 Rec: 60' Gas in pipe, 20' very slightly gassy mud. SIP: 122/61 HP: 1727/1747 FP: 30-30/30-30 BHT: 97°F</p> <p>DST #2: (3316-3362') Lansing D-F Times: 45:45:45:45 Rec: Gas to surface in 91", 150' slight oily gas cut mud. SIP: 923/852 HP: 1193/1192 FP: 41-61/61-102 BHT: 98°F</p> <p>DST #3: (3406-3425) Lansing H Zone Times: 30:45:30:45 Rec: 90' slight oil specked watery mud. SIP: 741/711 HP: 1829/1778 FP: 41-61/71-81 BHT: 90°F</p> <p>DST #4: (3469-3485') Misrun: Could not get to bottom</p> <p>DST #5: (3469-3485') LKC K Zone Times: 30:45:30:45 Rec: 90' very slight oil & gas cut mud SIP: 163/153 HP: 1870/1829 FP: 41-41/51-51 BHT: 90°F</p> <p>DST #6: (3549-3600') Viola Times: 45:45:45:45 Rec: 90' mud with very few oil specks. SIP: 101/101 HP: 1931/1870 FP: 61-71/71-71 BHT: 98°F</p> <p>DST #7: (3599-3650') Packer Failure</p> <p>DST #8: (3585-3650') Packer Failure</p>	<table border="0"> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> <tr><td>ANHYDRITE</td><td>618</td><td>636</td></tr> <tr><td>HEEBNER</td><td>3127</td><td>3133</td></tr> <tr><td>TORONTO</td><td>3147</td><td>3159</td></tr> <tr><td>DOUGLAS</td><td>3159</td><td>3256</td></tr> <tr><td>BROWN LIME</td><td>3256</td><td>3280</td></tr> <tr><td>LANSING</td><td>3280</td><td></td></tr> <tr><td>BKC</td><td>3529</td><td>3535</td></tr> <tr><td>CONGLOMERATE</td><td>3535</td><td>3546</td></tr> <tr><td>VIOLA</td><td>3546</td><td>3600</td></tr> <tr><td>SIMPSON SHALE</td><td>3600</td><td>3646</td></tr> <tr><td>ARBUCKLE</td><td>3646</td><td></td></tr> <tr><td>RTD</td><td>3660</td><td></td></tr> <tr><td>LTD</td><td>3660</td><td></td></tr> </table> <p>WELEX, INC: Gamma, Guard, Sidewall Neutron, Compensated Density, Caliper, Micro-Seismogram Cased Hole Log.</p>	Name	Top	Bottom	ANHYDRITE	618	636	HEEBNER	3127	3133	TORONTO	3147	3159	DOUGLAS	3159	3256	BROWN LIME	3256	3280	LANSING	3280		BKC	3529	3535	CONGLOMERATE	3535	3546	VIOLA	3546	3600	SIMPSON SHALE	3600	3646	ARBUCKLE	3646		RTD	3660		LTD	3660	
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Continued on Page #2

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 Used	12 1/2"	8 5/8"	28#	335	60/40 Pozm	250	2% Gel, 3% C.C.
Production New	7 7/8"	5 1/2"	22#	3648	50/50 Pozm	150	18% Salt, .75% CFR-2
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
Open Hole	Open Hole			AC: 250 Gal. MOD. 202, 1 Gal. N.	1 Gal.		AS5 3660'
1	3568-3576			AC: 500 Gal., 28% N.E.			3600'
1	3478, 3457, 3413			AC: 1500 Gal.			3560'
1	3350, 3364			AC: 750 Gal., 15% N.E.			3390'
1	3360-3366, 3349-3351			AC: 2000 Gal., 15% N.E.			3390'
CONTINUED ON PAGE #2							
TUBING RECORD		size 2 3/8" set at 3508	packer at None	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
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)						
7/13/84							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio		Gravity	
	8 Bbls	N/A MCF	50 Bbls	N/A CFPB			

Disposition of gas: vented open hole perforation sold other (specify) 3272-3480
 used on lease Dually Completed. (Commingled)
 Commingled

OPERATOR Broucher Oil, Inc. LEASE NAME Willinber B #5 SEC. 11 TWP. 22 RGE. 12W

FILL IN WELL LOG AS REQUIRED:

FORMATION DESCRIPTION, CONTENTS, ETC.		TOP	BOTTOM	NAME	DEPTH
<p>Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.</p>				<p>SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.</p>	
<p>DST #9: (3500-3650') Viola, Simp, Arb. Times: 45:45:45:45 Rec: 80' slightly gas cut mud SIP: 264/264 HP: 1891/1850 FP: 142-183/183-203 BHT: 98°F</p> <p>DST #10: (3646-3660) Arbuckle Times: 60:45:60:45 Rec: 370' gas in pipe, 20' oil and gas cut mud, 60' slight oil and gas cut watery mud. SIP: 81/102 HP: 1911/1911 FP: 33-41/41-51 BHT: 100°F</p>					
<p>PERF RECORD CONT.</p>		<p>ACID RECORD CONT.</p>			
Shot/Ft	Interval	Amount of Acid			Depth
1	3317-3323	AC: 2000 Gal, 28% N.E.			3335'
2	3550-3556	AC: 1000 Gal, 15% N.E.			3559'
4	3522-3524	AC: 1000 Gal, 15% N.E.			3559'
2	3272-3275	AC: 1000 Gal, 15% N.E.			3559'
1	3477-3480	AC: 1500 Gal, 20% SGA			3494'
1	3341-3346	AC: 600 Gal, 15% N.E.			3383'
		AC: 500 Gal, 15% N.E.			3306'

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 AUG 06 1984
 CONSERVATION DIVISION
 Wichita, Kansas