

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 Brougner Oil, Inc.
address P.O. Drawer 1367

City/State/Zip Great Bend, Ks 67530

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

Contractor license # 6394
name Mohawk Drilling, Inc.

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

PURCHASER

Designate Type of Completion
 New Well Re-Entry Workover

- Oil Gas Dry
- SWD In Other (Core, Water Supply etc.)
- Temp Abd Delayed Comp.

If OWWO: old well info as follows:

Operator
Well Name
Comp. Date
Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
9/15/84 9/21/84 11/19/84
Spud Date Date Reached TD Completion Date

3582 (LTD)
Total Depth PSTD

Amount of Surface Pipe Set and Cemented at 742 feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set feet

If alternate 2' completion, cement circulated from feet depth to 8X cmt

API NO. 15 009-23,707 0000

County Barton

NW SW SW Sec 33 Twp 16s Rge 11w

990 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

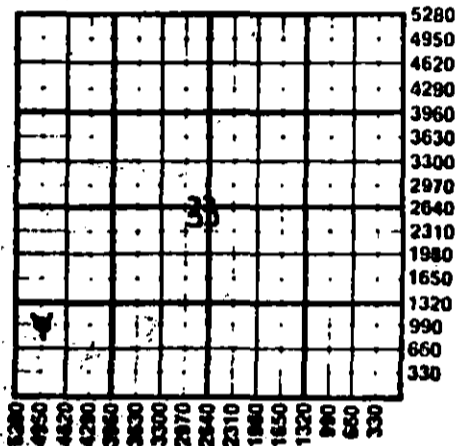
Lease Name Harzman Well# 4

Field Name Kraft - Prusa

Producing Formation Douglas Sand

Elevation: Ground 1867 KB 1877

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit # N/A

Groundwater Ft North From Southeast Corner and
(Well) Ft West From Southeast Corner of
Sec Twp Rge East West

Surface Water 330 Ft North From Southeast Corner and
(Stream, Pond etc.) 3300 Ft West From Southeast Corner
Sec 5 Twp 17 Rge 11 East West

Other (explain)
(purchased from city, H.W.D.#)

Disposition of Produced Water: Disposal Repressuring

Docket # Application Pending
#4 Harzman
NW SW SW, Sec 33-16s-11w, Barton Count

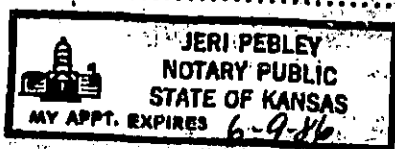
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 300 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-139 and 82-3-107 apply. Information on side two of this form will be held 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 driller's 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. Brougner
Title President/Operator Date 11/29/84

Subscribed and sworn to before me this 29 day of Nov 1984
Notary Public Jeri Pebley
Date Commission Expires 6-9-86



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Driller's Time Log Received
Distribution
 KCC SWD/Rep NGPA
 KOS Plug Other (Specify)

Form ACO-1 (7-84)
STATE CORPORATION COMMISSION

MAR 1 1986

CONSERVATION DIVISION
Wichita, Kansas

03-11-86

Operator Name Brougher Oil, Inc. Lease Name Harzman Well # 4 SEC 33 TWP. 16s RGE. 11w 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.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

No Drill Stem Test taken.

Name	Formation Description		DATUM
	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample	
	DEPTH		MARK
Anhydrite	732		+1145
Base/Anhydrite	748		+1129
Topeka	2634		- 757
Oread	2840		- 963
Plattsmouth	2869		- 992
Heebner	2924		-1047
Toronto	2942		-1065
Douglas	2952		-1075
Brown Lime	3021		-1144
Lansing	3034		-1157
BKC	3308		-1431
Arbuckle	3342		-1465
RTD	3581		-1704
LTD	3582		-1705

Electra Log, Inc.:
Radiation Guard Log (Open Hole)

Walex, Inc.:
Micro-seismogram (Cased Hole)

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 (N)	14 3/4	10 3/4	40.5	742	50/40 Poz	450	2% Gel, 3% CC
Production (U)	8 3/4	7"	23	3412	50/50 Poz	175	18% Salt, .75% CR2, 2% Gilsomite

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	2972-2980	AC: 500 gals. 7.5% Fe. FRAC: 100 sacks 10/40, 50 sacks 10/20	2980
3	3070-3073, 3122-3126, 3224-3230	AC: 1000 gals.	3230
2	3343-3347	AC: NONE	3347

TUBING RECORD		Liner Run	
Date of First Production	Producing method	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
11/17/84	<input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)		
Estimated Production Per 24 Hours	Oil	Gas	Water
	25 bbls	WCF	125 bbls
			Gas-Oil Ratio
			CFFB

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION: open hole perforation other (specify) _____

Fully Completed. Commingled

PRODUCTION INTERVAL: 2972-2980, 3070-3073, 3122-3126, 3224-3230, 3343-3347.