

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

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

Contractor: license # 5135  
name John O. Farmer, Inc.

Wellsite Geologist Brent B. Reinhardt  
Phone (316) 792-0784

PURCHASER None

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

9-25-84 10-2-84 10-2-84  
Spud Date Date Reached TD Completion Date

3745'  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 300 feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated  
from 300 feet depth to surface w/ 165 SX cmt

API NO. 15 - 065-22,067 - 20-00

County Graham

NW SW SE Sec 4 Twp 9S Rge 21W  
(location)  East  West

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

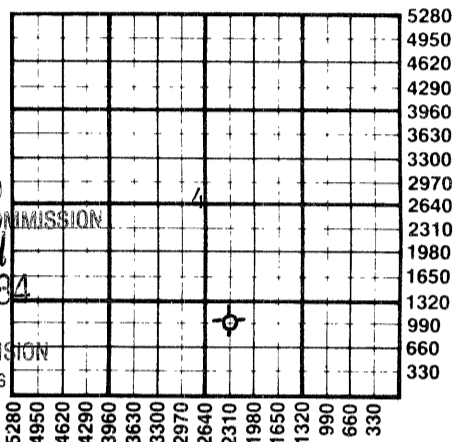
Lease Name Hedge Well# 1

Field Name Morel

Producing Formation None: D&A

Elevation: Ground 2140' KB 2145'

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 Unknown Ft North From Southeast Corner and  
(Stream, Pond etc.) Ft West From Southeast Corner  
Sec Twp Rge  East  West

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

Disposition of Produced Water:  Disposal  Repressuring

Docket # None

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  
Type Operator, President Date 10/20/84

Subscribed and sworn to before me this 20th day of October 19 84

Notary Public Dianne K. Wells  
Date Commission Expires 7-12-87



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)

Sec. 4 Twp. 9 Rge. 21W

**SIDE TWO**

Operator Name Brougner Oil, Inc. Lease Name Hedge Well# 1 SEC 4 TWP. 9S RGE. 21W  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

Formation Description  
 Log  Sample

Shale & Sand	0	1115
Sand	1115	1350
Red Bed	1350	1610
Anhydrite	1610	1643
Shale & Shells	1643	1830
Shale	1830	2751
Shale & Lime	2751	3220
Lime	3220	3745

Name	Top	Datum Bottom
Anhydrite	1610	+ 535
B/Anhydrite	1643	+ 502
Topeka	3091	- 946
Oread	3241	-1096
Plattsmouth	3269	-1124
Heebner	3304	-1159
Toronto	3326	-1181
Lansing	3345	-1200
BKC	3559	-1414
Marmaton	3575	-1430
Ft Scott	3630	-1485
Arbuckle	3721	-1576
RTD	3745	-1600

Drill Stem Test #1 (3470-3542) Lansing "H" - "K"  
 TIMES: 30" : 30" : 30" : 30"  
 REC: 25' Drilling Mud  
 SIP: 678/591  
 FP: 52-52/52-52  
 HP: 1935/1847  
 BHT: 105°F

Drill Stem Test #2 (3578-3650) Marmaton  
 TIMES: 30" : 30" : 30" : 30"  
 REC: 35' Drilling Mud  
 SIP: 104/87  
 FP: 69-69/69-69  
 HP: 2023/1987  
 BHT: 105°F

No Electric Log run.

CASING RECORD <input checked="" 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"	23#	300'	50/50 Poz.	165	2% gel, 3% C.C.
<b>PERFORATION RECORD</b>				<b>Acid, Fracture, Shot, Cement Squeeze Record</b>			
shots per foot	specify footage of each interval perforated			amount and kind of material used			Depth
None							
<b>TUBING RECORD</b> size <u>None</u> set at <u>packer</u> at				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)						
None: D&A							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

Disposition of gas:  vented  
 sold  
 used on lease

**METHOD OF COMPLETION**  
 open hole  perforation  
 other (specify) .....

**PRODUCTION INTERVAL**  
 None: D&A

Dually Completed  
 Commingled