

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
.5-31-84 .6-9-84 .6-27-84
Spud Date Date Reached TD Completion Date

.4355 None
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 424' 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. 15-185-21,992-0000

County Stafford, Kansas

NW NW NW Sec. 20 Twp. 25 Rge. 13 West

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

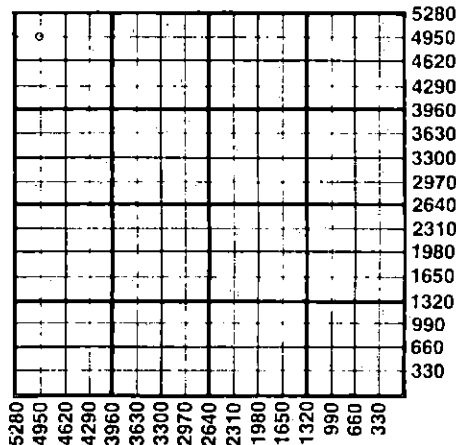
Lease Name Garner "A" Well# 2

Field Name Kachelman

Producing Formation Simpson Sand

Elevation: Ground 1953 KB 1963

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit # N/A

Groundwater 4950 Ft North From Southeast Corner and
(Well) 4950 Ft. West From Southeast Corner of
Sec 20 Twp25 Rge 13 East West

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

Other (explain) Garner Water Well
(purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring

Docket # #4 Bunker SWDW
SW NE NE, Sec. 19-25-13W
Stafford County, (Application Pending)

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.

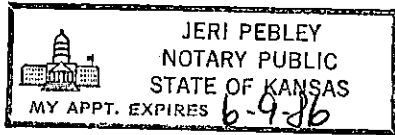
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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 8-1-84

Subscribed and sworn to before me this 1st day of August 19 84

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



RECEIVED
STATE CORPORATION COMMISSION
AUG 06 1984
CONSERVATION DIVISION
Wichita, Kansas

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 20 Twp. 25 Rge. 13W

SIDE TWO

Operator Name ... Brougher Oil, Inc. Lease Name .. Garner .. A Well# .. 2. SEC. 20.. TWP. 25.. RGE. 13.... 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

DST #1: (3760-3819') Lansing E-G Zones
 Times: 45:60:60:60
 Rec: 90' Gas In Pipe, 30' gassy drilling mud, 300' gassy mud with oil specks, 120' frothy gas and oil cut mud, 150' heavy oil & gas cut mud, 150' gassy mud cut water.
 SIP: 1246/1225 HP: 2112/2069
 FP: 307-307/328-349 BHT: N/A
 DST #2: (3940-3960') Lansing K Zone
 Times: 45:45:30:45
 Rec: 160' mud with few oil specks
 SIP: 1109/1014 HP: 2183/2109
 FP: 63-63/74-74 BHT: 117°F
 DST #3: (4040-4105) Conglomerate/Mississippian
 Times: 45:45:45:45
 Rec: 90' gassy mud
 SIP: 317/296 HP: 2260/2207
 FP: 84-84/84-84 BHT: 118°F
 DST #4: (4230-4290') Simpson Sand
 Rec: 90' slight oil and gas cut mud, 120' heavy oil and gas cut mud, 480' gassy mud cut oil.
 SIP: 444/434 HP: 2377/2366
 FP: 254-296/307-338 BHT: 120°F

Name	Top	Bottom
ANHYDRITE	836	850
HEEBNER	3527	3534
TORONTO	3546	3564
DOUGLAS	3564	3681
BROWN LIME	3681	3712
LANSING	3712	
BKC	3990	
CONGLOMERATE	4043	
MISSISSIPPIAN	4073	4088
KINDERHOOK SH	4088	4135
VIOLA	4135	4252
SIMPSON SH	4252	4256
SIMPSON SD #1	4256	4274
SIMPSON SD #2	4274	4279
ARBUCKLE	4315	
RTD	4355	
LTD	4356	

ELECTRA LOG, INC.
 Radiation Guard, Caliper, Compensated Density

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 New	12 1/4"	8 5/8"	28#	424	60/40 Pozmix	300	2% Gel, 3% C.C.
Production New	7 7/8"	5 1/2"	14#	4354	50/50 Pozmix	300	.75% CFR2, 400# Salt
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
3	4258-4268			Frac: 20/40 @ 10,000#, 10/20 @ 5000#			4341
				Ac: 1500 gal 15% M.C.A.			4341
TUBING RECORD							
size 2 7/8		set at 4335		packer at None		Liner Run <input checked="" type="checkbox"/> Yes <input 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)						
7-5-84							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio		Gravity	
	145 Bbls	None MCF	60 Bbls	CFPB			

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION
 open-hole perforation
 other (specify) _____
 Dually Completed
 Commingled

PRODUCTION INTERVAL

4258-4268