

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 Purchasing Company

Date Type of Completion
☒ New Well ☐ Re-Entry ☐ Workover

☒ Oil ☒ SWD ☐ Temp Abd
☐ Gas ☐ Inj ☐ Delayed Comp.
☐ Dry ☐ Other (Core, Water Supply etc.)

If WO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: ☒ Mud Rotary ☐ Air Rotary ☐ Cable

Spud Date 1-84 Date Reached TD 5-25-84 Completion Date 6-20-84

Total Depth 4550 PBDT 4370

Amount of Surface Pipe Set and Cemented at 421 feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If Yes, Show Depth Set 843 feet

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

Wireline log 12/84

API NO. 15-185-21,993
County Stafford, Kansas
SW NE NE Sec 19 Twp 25 Rge 13 X W
(location)

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

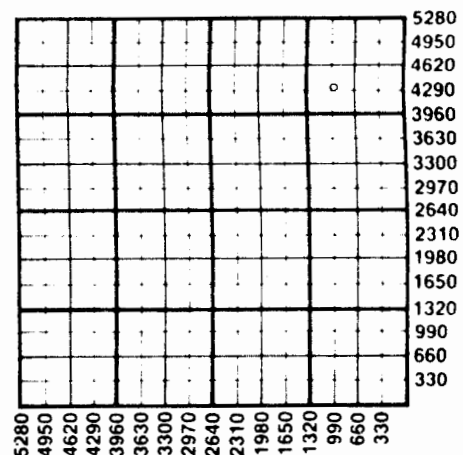
Lease Name Bunker "A" Well# 4

Field Name Kachelman Ext

Producing Formation Simpson Sand

Elevation: Ground 1955 KB 1965

Section Plat



* WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit # NA

☒ Groundwater 4290 Ft North From Southeast Corner a (Well) 330 Ft. West From Southeast Corner
Sec 19 Twp 25 Rge 13 ☐ East ☒ West

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

☐ Other (explain) Bunker 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.

Operator Name Brougner Oil, Inc., Lease Name Bunker A., Well# 4, SEC. 19, TWP. 25, RGE. 13, ☐ East ☒ West

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem test 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

Name

Top

Bottom

DST #1: (3774-3828) Lansing F-G
Times: 30:2:45:72
Rec: 30' muddy salt water, 1080' salt water
SIP: 814/1236 HP: 2011/1982
FP: 88-380/409-603 BHT: 108°F

DST #2: (4056-4123) Conglomerate/Mississippian
Times: 45:45:45:45
Rec: 150' slightly gas cut mud with oil specks
SIP: 273/214 HP: 2222/2203
FP: 68-107/117-117 BHT: 111°F

DST #3: (4201-4215) Viola
Times: 45:45:45:45
Rec: 3' oil and gas cut mud, 120' slight oil and gas cut mud, 60' slightly oil and gas cut muddy water.
SIP: 929/785 HP: 2328/2280
FP: 68-78/78-98 BHT: 112°F

DST #4: (4253-4280) Misrun could not get to bottom

DST #5: (4253-4280) Simpson Sand
Times: 30:60:30:60
Rec: 30' slight oil and gas cut mud
SIP: 205/98 HP: 2299/2270
FP: 29-39/39-39 BHT: 113°F

Name	Top	Bottom
ANHYDRITE	824	839
HEEBNER	3537	3544
TORONTO	3555	3573
DOUGLAS	3573	3690
BROWN LIME	3690	3721
LANSING	3721	
BKC	4003	
CONGLOMERATE	4069	4112
MISSISSIPPIAN	4112	
KINDERHOOK SH	4163	4203
VIOLA	4203	4255
SIMPSON SH	4255	4263
SIMPSON SAND	4263	4281
ARBUCKLE	4322	
RTD	4550	
LTD	4452	

ELECTRA LOG, INC:

Radiation Guard, Compensated Density

BING RECORD		size 2 1/6	set at 4283 (Production)	4332 (Disposal)	4370	Liner Run	☒ Yes	☐ No
Date of First Production	Producing method							
6-25-84	☐ flowing ☒ pumping ☐ gas lift ☐ Other (explain)							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity			
	40 Bbls	None MCF	100 Bbls	CFPB				
CASING RECORD								
☐ new ☐ 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 1/8"	8 5/8"	28#	421	60/40 Poz.	275	3% C.C., 2% G.	
Production New & Used	7 7/8"	5 1/2"	14#	4384	50/50 Poz.	175	2% Gel., 18% S.	
PERFORATION RECORD								
shots per foot	specify footage of each interval perforated				Acid, Fracture, Shot, Cement Squeeze Record			
					(amount and kind of material used)			
Open Hole	Open Hole				AC: 1500 Gal., 28%			
2	4264-4274				AC: 500 gal., 15% F.E.			
					Frac: 1000 bbls. (30/40) 20,000#			
					(10/20) 21,500#			
					Open Hole			
					4370			

DRILLERS WELL LOG

19-25-13W

Brougner Oil, Inc.
P.O. Drawer 1367
Great Bend, Ks 67530

Bunker "A" #4: API# 15-185-21,993
SW NE NE Sec. 19-25-13W
Stafford County, Kansas

DATE COMMENCED: 5-14-84
DATE COMPLETED: 5-26-84

Surface Pipe: 8 5/8" Surface Casing set at 421', cemented with 275 sacks of 60/40 Pozmix, 3% C.C., 2% Gel. Cement did circulate.

Production Casing: 5 1/2" Production casing set at 4383', cemented with 175 sacks of 50/50 Pozmix, 2% Gel, 18% Salt, .75% CFR2, 5# Gilsonite per sack. DV Tool set at 843' cemented with 200 sacks of Howco Lite.

0 -	218'	Sand & Clay
218 -	422'	Sand & Red Bed
422 -	813'	Sand & Shale
813 -	1470'	Shale
1470 -	1865'	Shale
1865 -	2124'	Shale
2124 -	2360'	Shale
2360 -	2690'	Shale
2690 -	2723'	Shale
2723 -	3011'	Shale
3011 -	3260'	Shale
3260 -	3291'	Shale
3291 -	3383'	Shale
3383 -	3620'	Shale & Lime
3620 -	3797'	Shale & Lime
3620 -	3797'	Shale & Lime
3797 -	3828'	Shale & Lime
3828 -	3860'	Shale & Lime
3860 -	3969'	Lime
3969 -	4061'	Lime
4061 -	4123'	Lime & Shale
4123 -	4215'	Lime & Shale
4215 -	4256'	Lime & Shale
4256 -	4280'	Lime & Shale
4280 -	4326'	Shale
4326 -	4415'	Lime & Shale
4415 -	4450'	Lime & Shale
4450 -	4550'	Lime & Shale
	4550'	RTD

Aug 10 1984

State Geological Survey
WICHITA BRANCH

STATE CORP. RECEIVED

Position of gas: ☐ vented
☐ sold
☒ used on lease

METHOD OF COMPLETION
☒ open hole ☒ perforation
☐ other (specify)
☒ Dually Completed.
☐ Commingled

PRODUCTION INTERVAL
.....4264-4274.....
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