

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISIONWELL 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

Purchaser Inland Purchasing & Transport Co.
Wichita, KS 67202

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

Contractor: License # 6394
 Name Mohawk Drilling, Inc.

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

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SMD ☐ Temp Abd
☐ Gas ☐ Inj ☐ Delayed Comp.
☐ Dry ☐ Other (Core, Water Supply etc.)

If OWM: old well info as follows:

Operator
 Well Name
 Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

6/13/85 6/20/85 7/05/85
 Spud Date Date Reached TD Completion Date
3760 None
 Total Depth PBTD

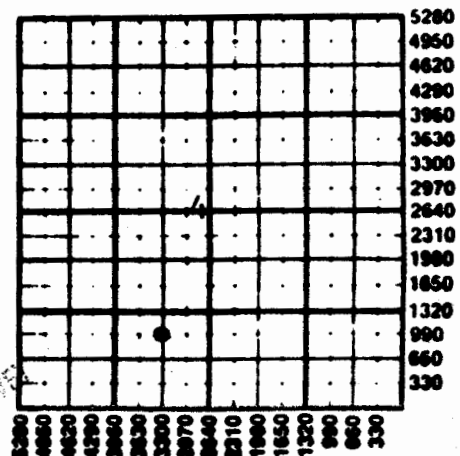
Amount of Surface Pipe Set and Cemented at 331 feet
 Multiple Stage Cementing Collar Used? ☒ Yes ☐ No
 If yes, show depth set 1700 feet
 If alternate 2 completion, cement circulated
 from 1700 feet depth to Surface, 250 SX cat

API NO. 15-065-22,194County GrahamC N/2 SE SW Sec 4 Twp 9S Rge 21W ☐ East ☒ West

990 Ft North from Southeast Corner of Section
3300 Ft West from Southeast Corner of Section
 (Note: Locate well in section plot below)

Lease Name CLARK Well # 1Field Name MorelProducing Formation ArtuckleElevation: Ground 2193 KB 2203

Section Plot



WATER SUPPLY INFORMATION

Disposition of Produced Water: ☐ Disposal
 Docket # ☐ Repressuring

Questions on this portion of the ACO-1 call:
 Water Resources Board (913) 296-3717

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

☐ Groundwater 990 Ft North from Southeast Corner
 (Well) 660 Ft West from Southeast Corner of
 Sec Twp Rge ☐ East ☐ West

☒ Surface Water 990 Ft North from Southeast Corner
 (Stream, pond etc.) 660 Ft West from Southeast Corner
 Sec 4 Twp 9S Rge 21W ☐ East ☒ West

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

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. Rule 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 **Brougher Oil, Inc.** Lease Name **CLARK** Well 1 SEC 4 TWP 9s RGE 21w ☐ East ☒ West

WELL LOG

TUBING RECORD size 2 1/2" set at 3757 packer at None

Linear Run ☐ Yes ☒ No

Date of First Production
7/3/85

Producing method

☐ Flowing ☒ pumping ☐ gas lift ☐ Other (explain)

Drill Stem Tests Taken

☒ Yes ☐ No

Samples Sent to Geological Survey

☐ Yes ☒ No

Cores Taken

☐ Yes ☒ No

Formation Description

☒ Log ☐ Sample

Name

DEPTH

DATUM

Anhydrite	1663	+540
Base/Anhydrite	1694	+509
Howard	3104	-901
Topeka	3151	-948
Oread	3307	-1104
Plattsmouth	3329	-1126
Heebner	3364	-1161
Toronto	3387	-1184
Lansing	3405	-1202
BKC	3616	-1413
Marmaton	3638	-1423
Ft Scott	3711	-1508
Cherokee Shale	3714	-1511
Arbuckle	3723	-1520
RTD	3760	-1557
LTD	3760	-1557

DST #1 (3430-3510) Lansing "D" - "G"
TIMES: 45'45"45'45"
REC: 540' MW
SIP: 969/933 HP: 1793/1793
FP: 37-184/184-275 BHT: 101°F

DST #2 (3555-3610) Lansing "J" - "K"
TIMES: 30'30"30'30"
REC: 50' Mud
SIP: 913/967 HP: 1886/1886
FP: 55-55/55-55 BHT: 98°F

DST #3 (3671-3725) Marmaton - Cherokee
TIMES: 30'30"30'30"
REC: 40' Mud
SIP: 37/37 HP: 1940/1940
FP: 18-18/18-18 BHT: 100°F

DST #4 (3715-3760) Arbuckle
TIMES: 45'45"45'45"
REC: 30' Clean Oil
64' OCM
310' HO&GCM
SIP: 1132/1132 HP: 1978/1978
FP: 55-110/110-183 BHT: 102°F

Welex, Inc.

Radiation Guard Log, Computer Analyzed Log.

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	25	None	300		
	bbls	MCF	bbls	CFPS	

Disposition of gas: ☐ vented ☒ open hole ☐ perforation

METHOD OF COMPLETION

PRODUCTION INTERVAL

3755-3760 (Arbuckle)

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 lb/ft	setting depth	type of cement	# sacks used	type and percent additives
Surface (U)	12 1/4"	8 5/8"	28	331	60/40 POZ	250	2% Gel, 3% OC
Production (U)	7 7/8"	5 1/2"	14	3755	50/50 POZ	715	18% Salt, 2% Gel

PERFORATION RECORD

shots per foot specify footage of each interval perforated

Acid, Fracture, Shot, Cement Squeeze Record

(amount and kind of material used)

Depth

None	AC: 250 gals 15% Fe, SWB 10 bbls/Hr 50% Oil	3755-60
------	--	---------