

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, Kansas 67530

Purchaser: Texaco Trading & Marketing
Wichita, Kansas 67202

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

Contractor: License # 6394
Name Mohawk Drilling Inc. Rig #7

Wellsite Geologist Mr. Larry Bookless
Phone 316-793-8837

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
12/27/84 1/04/85 2/09/85
Spud Date Date Reached TD Completion Date
3455
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 366 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. 15-009-23,831-0000
County Barton
N/2 NW SW Sec. 29 Twp. 20s Rge. 13w East West

2310 Ft North from Southeast Corner of Section
4620 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

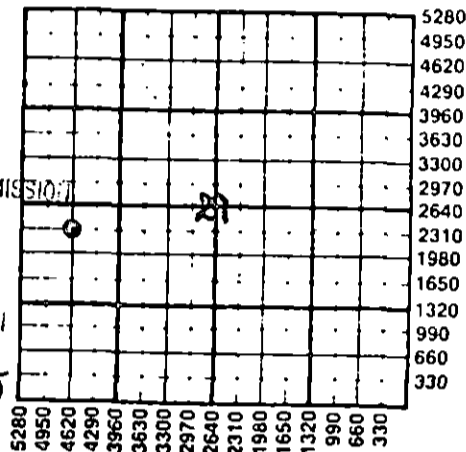
Lease Name Weathers "C" Well # 1

Field Name Hiss

Producing Formation Lansing/Kansas City TIGHT F
NOL RELE

Elevation: Ground 1890 KB 1900

Section Plat



RECEIVED
CORPORATION COMMISSION

APR 19 1985

CONSERVATION DIVISION
Wichita, Kansas

4-19-85

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

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

Source of Water:
Division of Water Resources Permit # T 85-5

Groundwater: 2310 Ft North from Southeast Corner
4620 Ft West from Southeast Corner of
Sec 29 Twp 20s Rge 13w East West

Surface Water: Ft North from Southeast Corner
(Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge 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.

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 [Signature]
Title President Date 3/12/85

Subscribed and sworn to before me this 13 day of March 1985
Notary Public [Signature]
Date Commission Expires 6-9-86

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

JERI PEBLEY
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 6-9-86

SIDE TWO

Operator Name Brougner Oil, Inc. Lease Name Weathers "C" Well# 1 SEC. 29 TWP. 20s RGE. 13w 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

DST #1 (3202-3250) Lansing "A" - "B" zones
 TIMES: 45:45:45:45
 REC: GTS in 8" (Stabilized @ 449. MCFGPD)
 340' GCM
 SIP: 200/220 HP: 1762/1703
 FP: 120-160/140-160 BHT: 102°F

DST #2 (3250-3285) Lansing "D" - "F" zones
 TIMES: 45:45:45:45
 REC: GTS in 22" (Stabilized @ 4.84 MCFGPD)
 70' GCM
 SIP: 240/240 HP: 1703/1703
 FP: 40-60/60/60 BHT: 95°F

DST #3 (3288-3300) Lansing "G" zone
 TIMES: 45:45:45:45
 REC: 124' SO&GCM
 SIP: 280/320 HP: 1723/1703
 FP: 20-40/60-60 BHT: 98°F

DST #4 (3341-3380) LKC "I" zone
 TIMES: 45:45:45:45
 REC: GTS in 40" (Stabilized @ 9.415 MCFGPD)
 570' HO&GCM
 120' Cln Gsy Oil
 SIP: 837/797 HP: 1807/1768
 FP: 80-180/180-240 BHT: 96°F

DST #5 (3386-3430) LKC "J" zone
 TIMES: 45:60:45:60
 REC: 30' SO&GCM
 120' HO&GCM
 SIP: 319/260 HP: 1821/1762
 FP: 60-80/80-100 BHT: 98°F

Name	Formation Description		DATUM
	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample	
	DEPTH		
	<input checked="" type="checkbox"/> Top	<input checked="" type="checkbox"/> Bottom	
Topeka	2776	-	876
Heebner	3081	-	1181
Toronto	3100	-	1200
Douglas	3117	-	1217
Brown Lime	3196	-	1296
Lansing	3205	-	1305
BKC	3420	-	1520
Conglomerate	3423	-	1523
Granite Wash	3428	-	1528
Granite	3440	-	1540
RTD	3455	-	1555
LTD	3452	-	1552

WELEX, Inc.
Radiation Guard with Caliper, Compensated Density, Dual Spaced Neutron, Acoustic Cement Bond Log, Fluid Travel Log.

DST #6 (3430-3443) Granite
 TIMES: 60:45:60:45
 REC: 120' GIP
 30' SO&GCM
 SIP: 80/60 HP: 1827/1767
 FP: 10-30/30-30 BHT: 100°F

RELEASED
JUN 06 1986
FROM CONFIDENTIAL

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 (U)	12 1/4"	8 5/8"	24#	366	60/40 Poz.	275	2%Gel, 3%CC
Production (U)	7 7/8"	5 1/2"	14.5#	3452	50/50 Poz.	100	18%Salt, .75CFR-2

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record (amount and kind of material used)

shots per foot	specify footage of each interval perforated	Depth
2	3402-3408 (LKC "J")	See Page 3
2	3386-3390 (LKC "J")	
2	3362-3368, 3370-3372 (LKC "I")	
2	3335-3338 (LKC "H")	

TUBING RECORD size 2 3/8" set at 3450' packer at None Liner Run Yes No

Date of First Production 1/28/85 Producing method flowing pumping gas lift Other (explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
15	Bbls	MCF	10	Bbls	CFPB

METHOD OF COMPLETION

PRODUCTION INTERVAL

Disposition of gas: vented open hole perforation other (specify) Dually Completed. Commingled

sold used on lease

PRODUCTION INTERVAL: 3430-3443, 3386-3390, 3362-3368, 3370-3372, 3335-3338

Brougner Oil, Inc.
 #1 Weathers "C"
 N/2 NW SW
 Sec 29-20s-13w
 Barton County, KS

CONFIDENTIAL

SPF	Perforation Record	Acid, Frac, Shot, Cement Squeeze Record	Depth
2	3402-3408	AC: 500gal (15%MA), 20Bls FU/13hrs, REAC: 1500gal (28%Ne), SWB: 6.6Bbls in 30" (100% Oil),	3452
2	3386-3390	Plug @ 3396, SWB DWN, AC: 500gals (15%MA), SWB: 3396 back 63.58 Bbls, TEST: 6.38Bbls/60", 5.22/120",	3396
2	3362-3368, 3370	Plug @ 3376, SWB DWN, AC: 750gal (15% SGA) SWB DN: 56.86 Bbls, SWB 8.41 Bbls/60", Ran in RTTS packer, Set @ 3320.45' Plugged one zone with LC-80 with rock salt and acidized the other zone with 250gals (15%Ne), SWB Tested: 4.59Bbls/60" (95%Oil), 2.92Bbls/120" (70%Oil), REAC: 2000gals (15% SGA), SWB 13.28Bbls/Hr. (70% Oil)	3376
2	3335-3338	Plug @ 3352, AC: 500gals (28%Ne), SWB: 7.52Bbls /Hr, (100% Oil), REAC: 1000gals (28% Ne), SWB: 17.12 Bbls/Hr (70% Oil), Overnight FU=350' of 100% Oil, Pulled plug, packer, and tubing. Ran tubing, POP	3352

APR 22 1985
 State Geological Survey
 WICHITA BRANCH

RELEASED

JUN 06 1986

FROM CONFIDENTIAL

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 STATE CORPORATION COMMISSION

APR 19 1985

CONSERVATION DIVISION
 Wichita, Kansas

