

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: Texaco, Inc.
 Tulsa, OK 74102

Operator Contact Person: Mr. Joe F. 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 ☐ SWD ☐ 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

6/24/85 7/1/85 7/30/85
 Spud Date Date Reached TD Completion Date
 3597 3482'
 Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 391 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 cm

API NO. 15-009-23,925

County..... Barton

SE.. SE.. SW. Sec. 31.. Twp. 20S. Rge. 13W. ☐ East ☒ West

330
 2970
 Ft North from Southeast Corner of Section
 Ft West from Southeast Corner of Section
 (Note: Locate well in section plat below)

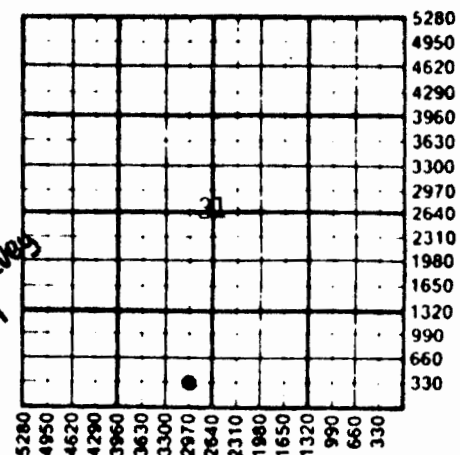
Lease Name..... MORRIS Well #..... 5

Field Name..... Hiss South

Producing Formation..... LKC

Elevation: Ground..... 1908 KB 1918

Section Plat



A 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.....Ft North from Southeast Corner
 (Well) Ft West from Southeast Corner of
 Sec Twp Rge ☐ East ☐ West

☒ Surface Water.....4620 Ft North from Southeast Corner
 (Stream, pond etc.) 3300 Ft West from Southeast Corner
 Sec 29 Twp 20S Rge 13W ☐ 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

Operator Name Brougter Oil, Inc. Lease Name MORRIS Well # 5 SEC 31 TWP 20s RGE 13w L F981
XX West

position of gas: ☐ vented
☐ sold
☐ used on lease

METHOD OF COMPLETION

☐ open hole ☒ perforation
☐ other (specify)

☐ Dually Completed.
☒ Commingled

PRODUCTION INTERVAL

3468-3474, 3452-3455,
3370-3374, 3346-3349,
3324-3328 (LKC).....

Drill Stem Tests Taken
Samples Sent to Geological Survey
Cores Taken

☒ Yes ☐ No
☐ Yes ☒ No
☐ Yes ☒ No

Formation Description
☒ Log ☐ Sample

Name	DEPTH Xapox	DATUM Bottom
Anhydrite	791	+1127
B/Anhydrite	813	+1105
Howard	2818	-900
Topeka	2895	-977
Oread	3077	-1159
Heebner	3173	-1255
Toronto	3193	-1275
Douglas	3211	-1293
Brown Lime	3290	-1372
Lansing	3301	-1383
BKC	3523	-1605
Conglomerate	3530	-1612
*Arbuckle (Spl Top)	3589	-1671
RTD	3597	-1679
LTD	3581	-1663

ST #1 (3304-3355) Lansing "A" - "D"
TIMES: 45'45'45'45"
REC: 180' Thin GM w/Few Oil Spks (Scum of oil)
120' MCW
240' GW
SIP: 1278/1278 HP: 1764/1764
FP: 56-240/240-333 BHT: 96°F

ST #2 (3445-3480) LKC "I" & "J"
TIMES: 45'45'45'45"
REC: 60' HO&GC Thin Mud
60' Thin GCM w/Slt Oil Cut
120' GMW
SIP: 1055/1018 HP: 1857/1838
FP: 37-111/111-148 BHT: 98°F

ST #3 (3482-3515) LKC "K"
TIMES: 30'30'30'30"
REC: 20' Slt Oil Spk Mud
SIP: 74/111 HP: 1876/1857
FP: 37-37/37-55 BHT: 94°F

ST #4 (3524-3597) Conglomerate & Arbuckle
TIMES: 45'45'45'45"
REC: 100' Thin GCM
180' GMW
SIP: 1111/1055 HP: 1894/1876
FP: 55-129/129-185 BHT: 101°F

FEB 07 1986

State Geological Survey
WICHITA BRANCH

Index, Inc.
Radiation Guard Log, Computer Analyzed,
Acoustic Cement Bond Log.

TUBING RECORD size 2" set at 3477 packer at 3482 Linear Run ☐ Yes ☒ No

Date of First Production 7/30/85 Producing method ☐ flowing ☒ pumping ☐ gas lift ☐ Other (explain)

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity
5		None	200		

Production (U)	7 7/8"	4 1/2"	10.5	3596	50/50 POZ	175	18% Salt, 75CFR2

shots per foot	PERFORATION RECORD specify footage of each interval perforated	Acid, Fracture, Shot, Cement Squeeze Record (amount and kind of material used)	Depth
2	3559-3562, 3552-3555, 3547-3550 (Conglomerate)	AC: 750gal 15% Fe, Swb: MW in 30'	3547-62
3	3494-3498, 3468-3474, 3452-3455, 3370-3374, 3346-3349, 3324-3328 (LKC)	SHE: Completion Report	