

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

SIDE ONE

Compt. _____

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a well, regardless of how the well was completed.

F Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on Side One will be of public record and Side Two will then be held confidential.

Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells.

C Attach one copy only wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). (Rules 82-2-105 & 82-2-125) KCC# (316) 263-3238.

LICENSE # 6393 EXPIRATION DATE June 30, 1984

OPERATOR BROUGHER OIL, INC. API NO. 15-185-21,881.0000

ADDRESS P.O. Drawer 1367 COUNTY Stafford

Great Bend, KS 67530 FIELD Taylor

** CONTACT PERSON Joe E. Brougher PROD. FORMATION ARBUCKLE

PHONE (316) 793-5610

PURCHASER Koch Oil Company LEASE ANSHUTZ

ADDRESS P.O. Box 2256 WELL NO. #3

Wichita, Kansas 67201 WELL LOCATION SW SW NE

DRILLING MOHAWK DRILLING, INC. 2310Ft. from North Line and

CONTRACTOR 2310Ft. from East Line of

ADDRESS P.O. Drawer 1362 the NE 1/4 (Qtr.) SEC 15 TWP 21 RGE 14 (W).

Great Bend, KS 67530

PLUGGING CONTRACTOR ADDRESS

ADDRESS

WELL PLAT

(Office Use Only)

		15°	

KCC

KGS

SWD/REP _____

PLG. _____

TOTAL DEPTH 3729' PBD

SPUD DATE 10-26-83 DATE COMPLETED 11-2-83

ELEV: GR 1927' DF 1935' KB 1937' KC-KCC

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE

Amount of surface pipe set and cemented 354' DV Tool Used? NO

THIS AFFIDAVIT APPLIES TO: (Circle ONE) - (Oil) Gas, Shut-in Gas, Dry, Disposal, Injection, Temporarily Abandoned, OWWO. Other

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

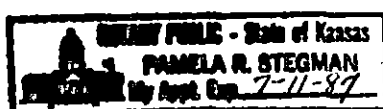
A F F I D A V I T

Joe E. Brougher, being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

Joe E. Brougher (Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 13th day of DECEMBER, 1983.



Pamela R. Stegman (NOTARY PUBLIC)

MY COMMISSION EXPIRES: 7-11-87

Pamela R. Stegman

** The person who can be reached by phone regarding any questions concerning this information.

STATE CORPOR. AND COMMISSION

DEC 14 1983 12-14-1983 CONSERVATION DIVISION Wichita, Kansas

Show all important zones of porosity and contents thereof; cased intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Check if no Drill Stem Tests Run.				
<u>DRILLERS' WELL LOG</u>				
Sand	0'	210'		
Shale	210'	355'		
Shale	355'	645'		
Shale & Sand	645'	1610'		
Shale & Lime	1610'	1965'		
Shale w/ Lime	1965'	2300'		
Lime & Shale	2300'	2588'		
Lime & Shale	2588'	2905'		
Lime & Shale	2905'	3130'		
Lime	3130'	3300'		
Lime	3300'	3460'		
Lime	3460'	3570'		
Lime	3570'	3615'		
Lime	3615'	3680'		
Lime	3680'	3705'		
Lime	3705'	3729'		
RTD		3729'		

If additional space is needed use Page 2, Side 2

Report of all strings set— surface, intermediate, production, etc. **CASING RECORD** (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12-1/4"	(New) 8-5/8"	24#	354'	Common	275	60/40 Pozmix, 2% Gel, 3% CC
Production	7-7/8"	(New) 5-1/2"	14#	3726'	Common	150	50/50 Pozmix, 2% Gel, 5# Gilsonite per/sk 3/4 of 1% CRF-2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
----------	-------------	--------------	---------------	-------------	----------------

TUBING RECORD

Size	Setting depth	Packer set at
------	---------------	---------------

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized with 500 gallons of 28% HCl	Open Hole

Date of first production 11-22-83	Producing method (flowing, pumping, gas lift, etc.) Pumping	Gravity
Estimated Production -I.P. Oil 50 bbls.	Gas 0 MCF	Water % TRACE bbls.
Disposition of gas (vented, used on lease or sold)		Gas-oil ratio 100% OIL CFPB
		Perforations OPEN HOLE

SIDE TWO (Page Two)

ACO-1 WELL HISTORY

OPERATOR BROUGHER OIL, INC LEASE NAME ANSHUTZ

SEC. 15 TWP. 21 RGE. 14W

X
X
(W)FILL IN WELL LOG AS REQUIRED: WELL NO. #3

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.				
Toronto Section: Limestone, tan, finely crystalline slightly cherty, poor porosity, no shows.	3283'	3290'		
Lansing Section: Limestone, cream to gray, slightly fossiliferous, chalky, scattered brown stain, no show of free oil or odor in fresh samples.	3387'	3394'		
Limestone: White to cream, fossiliferous, slightly chalky, no shows.	3409'	3413'		
Limestone: Gray, fossiliferous, chalky, trace of white opaque chert, no shows.	3430'	3434'		
Limestone: White to gray, finely crystalline, chalky, trace of white and gray oolitic limestone, poor porosity, trace of dark brown to black spotty stain, no show of free oil or odor in fresh samples.	3456'	3462'		
Limestone: White, oocastic, good oocastic porosity, no shows.	3472'	3482'		
Limestone: White to gray, oocastic, slightly cherty good oocastic porosity, trace of dark black tarry stain, slight show of free oil and no odor in fresh samples.	3512'	3520'		
Limestone: White, oocastic, slightly chalky, spotty brown to black stain, trace of free oil and weak odor in fresh samples.	3530'	3536'		
Limestone: Buff to tan, slightly cherty, fossiliferous, scattered fossil-cast porosity, dark black tarry stain, show of free oil (heavy black) and faint odor in fresh samples.	3547'	3554'		
DST #1 IF: 45, FF: 45, Blow: Strong, Recovery: 183' heavy oil and gas cut mud 660' muddy gassy oil, Pressures: ISIP: 695psi (45), FSIP: 661 psi (45), IFP: 68-272 psi, FFP: 306-357 psi, HSH: 1993-1951 psi.	3500'	3570'		
Limestone: Tan, oolitic, cherty, scattered pin-point porosity, fair stain and saturation, show of free oil and no odor in fresh samples.	3596'	3602'		

RECEIVED
STATE CORPORATIONS COMMISSION

DEC 14 1983

CONSERVATION DIVISION
Wichita, Kansas

OPERATOR BROUGHER OIL, INC. LEASE NAME ANSHUTZ SEC. 15 TWP. 21 RGE. 14W

FILL IN WELL LOG AS REQUIRED: WELL NO. #3

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST #2 Open: IF 45, FF 45, Blow: Strong, Recovery: 660' gas in pipe, 62' oil and gas cut mud, 124' muddy gassy oil, Pressures: ISIP 170psi (45), FSIP 161psi (45), IFP 34-68 psi, FFP 59-85 psi, HSH 1942-1892 psi.	3580'	3615'		
Viola Section: Chert, white to cream, boney, blocky; Plus: trace of limestone, white, highly cherty, dense, scattered pin-point porosity, trace of brown to dark brown stain trace of free oil and no odor in fresh samples.	3644'	3676'		
Simpson Section: Sand, very fine grained, quartzitic, well rounded, cemented, poor porosity, trace of light brown stain, no show of free oil or odor in fresh samples.	3684'	3687'		
Sand: Very fine grained to medium grained, rounded, well sorted, fair inter-granular porosity, fair stain and saturation, fair show of free oil and no odor in fresh samples.	3701'	3706'		
DST#3: Open: IF 45, FF 45, Blow: Strong Recovery: 120' gas in pipe, 500' gassy muddy oil, Pressures: ISIP 669 psi(45), FSIP 568 psi (45), IFP 42-170 psi, FFP 178-212 psi, HSH 1984-1937 psi.	3668'	3705'		
Sand: Very fine grained, quartzitic, well rounded, well sorted, good inter-granular porosity, fair stain and saturation, good show of free oil and questionable odor in fresh samples.	3725'	3727'		
Arbuckle Section: Dolomite, tan, medium crystalline, sucrosic, fair to good vugular type porosity, fair stain and saturation, fair show of free oil and fair odor in fresh samples.	3727'	3729'		
DST #4: Open: IF 45, FF 45, Blow: Weak, Recovery: 100' mud cut oil, Pressures: ISIP 1215 psi (45), FSIP 1207 psi (45), IFP 25-42 psi, FFP 42-51 psi, HSH 1984-1934 psi.	3709'	3729'		
Electric log total depth:		3729'		

RECEIVED
STATE CORPORATION COMMISSION

DEC 14 1983

CONSERVATION DIVISION
Wichita, Kansas

DRILLERS' WELL LOG

BROUGHER OIL, INC.

ANSHUTZ #3

SW SW NE Section 15-21S-14W
Stafford County, Kansas

DATE COMMENCED: 10-26-83

DATE COMPLETED: 11- 2-83

ELEVATION: 1927 G.L.

SURFACE PIPE: 8 5/8" Casing set @354'
cemented w/275 sacks 60-40 pozmix, 2% gel,
3% cc. Cement did circulate.

PRODUCTION CASING: 5 1/2" Casing set @3726',
cemented w/150 sacks 50-50 poxmix, 2% gel,
5# Gilsonite per sack, 3/4 of 1% CFR 2.

- 0 - 210' Sand
- 210 - 355' Shale
- 355 - 645' Shale
- 645 - 1610' Shale & Sand
- 1610 - 1965' Shale & Lime
- 1965 - 2300' Shale w/Lime
- 2300 - 2588' Lime & Shale
- 2588 - 2905' Lime & Shale
- 2905 - 3130' Lime & Shale
- 3130 - 3300' Lime
- 3300 - 3460' Lime
- 3460 - 3570' Lime
- 3570 - 3615' Lime
- 3615 - 3680' Lime
- 3680 - 3705' Lime
- 3705 - 3729' Lime
- 3729' R.T.D.

A F F I D A V I T

STATE OF KANSAS)
COUNTY OF BARTON) ss.

Viann Brougher of lawful age, does swear and state that the facts and statements herein are tru and correct to the best of her knowledge.

Viann Brougher

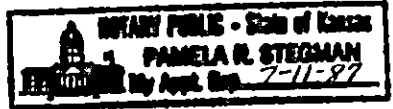
Viann Brougher

Subscribed and Sworn to before me this 10th day of November, 1983.

My Commission Expires:
7-11-87

Pamela R. Stegman

Notary Public Pamela R. Stegman



RECEIVED
STATE CORPORATIONS COMMISSION

DEC 14 1983

CONSERVATION DIVISION
Wichita, Kansas