

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. 15-145-21,092-0000

ADDRESS P.O. DRAWER 1367 COUNTY Pawnee

Great Bend, Ks 67530 FIELD Ash Creek

\*\* CONTACT PERSON Joe E. Brougher PROD. FORMATION Arbuckle

PHONE (316)-793-5610

PURCHASER Inland Crude Purchasing Corp LEASE FOSTER "A"

ADDRESS 200 Douglas Bldg. WELL NO. #2

Wichita, Ks 67202 WELL LOCATION SW SW SE

DRILLING Mohawk Drilling, Inc 330 Ft. from South Line and

CONTRACTOR P.O. Drawer 1362 2310 Ft. from East Line of

ADDRESS Great Bend, Ks 67530 the SE/4 (Qtr.) SEC 1 TWP 21 RGE 16 (W).

PLUGGING CONTRACTOR ADDRESS

ADDRESS

TOTAL DEPTH 3786' PBTD

SPUD DATE 11-30-83 DATE COMPLETED 12-16-83

ELEV: GR 1964' DF 1972' KB 1974'

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 955' 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

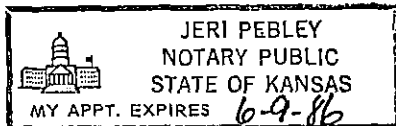
Joe E. Brougher, being of lawful age, hereby certifies that:

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 18 day of January

19



Jeri Pebley (NOTARY PUBLIC)

MY COMMISSION EXPIRES: 6-9-86

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

RECEIVED STATE CORPORATION COMMISSION 1-19-84

JAN 19 1984

CONSERVATION DIVISION Wichita, Kansas

OPERATOR BROUGHER OIL, INC. LEASE FOSTER "A" SEC. 1 TWP. 21 RGE. 16

FILL IN WELL INFORMATION AS REQUIRED: WELL NO. #2

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH	
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.					
Check if no Drill Stem Tests Run.					
<u>DRILLERS LOG</u>					
Sand	0'	200'	Anhydrite	952'	+1022
Sand & Shale	200'	370'	Heebner	3311'	-1337
Dakota	370'	480'	Brown Lime	3404'	-1430
Shale & Anhydrate	480'	930'	Lansing	3416'	-1442
Shale	930'	952'	Base/KC	3638'	-1664
Anhydrate	952'	956'	Conglomerate	3665'	-1691
Anhydrate	956'	981'	Viola	3704'	-1730
Shale	981'	1768'	Simpson	3720'	-1746
Lime & Shale	1768'	2290'	Simpson		
Lime & Shale	2290'	2655'	Sand (4')	3732'	-1758
Lime w/Shale	2655'	2841'	Arbuckle	3759'	-1785
Lime	2841'	3150'	RTD	3786'	-1812
Lime	3150'	3410'			
Lime & Shale	3410'	3573'			
Lime	3573'	3710'			
Lime	3710'	3765'			
Arbuckle	3765'	3786'			
RTD		3786'			

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"	Used 8-5/8"	28#	955'	Common	400	60/40 Pozmix; 2% Gel; 3% CC
Production	7-7/8"	(New) 5-1/2"	14#	3773'	Common	125	50/50 Pozmix; 18% Salt .75 CFR2-5# gilsonite per sack.

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD		
Size	Setting depth	Pecker set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD	
Amount and kind of material used	Depth interval treated

Date of first production 12-20-83	Producing method (flowing, pumping, gas lift, etc.) Pumping	Gravity
Estimated Production -I.P. 25 bbls.	Gas MCF	Water % 50 bbls.
Disposition of gas (vented, used on lease or sold)		Gas-oil ratio CFPB
		Perforations Open Hole

OPERATOR BROUGHER OIL, INC. LEASE NAME FOSTER "A" #2 SEC. 11 TWP. 21S RGE. 16W (v)

FILL IN WELL LOG AS REQUIRED: WELL NO. \_\_\_\_\_

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.				
LANSING SECTION: Limestone, gray, finely oocastic, fair porosity, trace of spotty stain, no free oil and no odor in fresh samples.	3417'	3422'		
LIMESTONE: Limestone, mottled gray to buff, cherty, oolitic to fossiliferous, no shows of oil.	3438'	3441'		
LIMESTONE: Gray, fossiliferous, scattered fossil-cast porosity, trace spotty stain, no free oil, no odor in fresh samples.	3458'	3463'		
LIMESTONE: Gray to buff, oocastic, good oocastic porosity, no shows of oil, grading to white chalky lime at base.	3481'	3425'		
LIMESTONE: Gray, oolitic to oocastic, fair oocastic porosity, no shows of oil.	3554'	3561'		
LIMESTONE: Gray, oocastic, good oocastic porosity, no shows of oil.	3570'	3581'		
LIMESTONE: Gray, oolitic to oocastic, no shows of oil	3594'	3599'		
LIMESTONE: Buff to tan, oocastic, no show of oil.	3619'	3625'		
CONGLOMERATE SECTION				
SHALE: Vari-colored: Plus; traces of white to orange and red opaque chert.	3665'	3687'		
CHERT: Vari-colored, opaque, dark brown gilsonitic stain, abundant dirty gray, fine grained sandstone, argillaceous, with dark black dead stain.	3687'	3704'		
VIOLA SECTION:				
CHERT: Gray to bone white, traces of gray tripolitic with dark black gilsonitic stain, abundant vari-colored opaque chert throughout section.	3704'	3720'		

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STATE CORPORATION COMMISSION  
JAN 19 1984  
CONSERVATION DIVISION  
Wichita, Kansas

SIDE TWO (Page Two)

ACO-1 WELL HISTORY

OPERATOR BROUGHER OIL, INC LEASE NAME FOSTER "A" #2 SEC. 1 TWP. 21S RGE. 16W (V)FILL IN WELL LOG AS REQUIRED: WELL NO. 2

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.				
SIMPSON SECTION: Sand, gray to tan, fine grained, consolidated, friable, fair inter-granular porosity, light stain, weak show of free oil and no odor in fresh samples.	3732'	3736'		
ARBUCKLE SECTION: DOLOMITE: Gray to buff, finely crystalline, cherty, scattered porosity: Plus; traces of gray sucrosic dolomite with trace spotty stain, trace of free oil and fair odor in fresh samples.	3759'	3770'		
DST #1 Open: If 30, FF30, Blow: Strong, gas to surface in 2 min. Stabilized @ 3,500,000 CFG, Recovery: 90' gas cut mud Pressures: ISIP 1163 psi (30), FSIP 1145 psi (30), IFP 364-364 psi, FFP 291-273 psi, HSH 2094-2075 psi, Temperature: 100° F.	3715'	3765'		
DOLOMITE: Gray to buff, fine to medium crystalline, cherty, scattered inter-crystalline to vugular type porosity, spotty stain, fair show of free oil and good odor in fresh samples.	3770'	3779'		
DOLOMITE: As immediately above: Plus; traces of gray oocastic dolomite with stain, show of free oil and fair odor in fresh samples.	3779'	3786'		
DST #2 Open: IF 30, FF 30, Blow: Strong gas to surface in 2 min. Stabilize @ 1,500,000 CFG Trace fluid to surface, 15 min. on final flow Recovery: 30' HOCM, 310' Muddy oil, 465' clean gassy oil, 800' water, Pressures: ISIP 1181 psi (30), FSIP 1163 psi (30), IFP 182-382 psi, FFP 400-564 psi, HSH 2094-2075 psi	3774'	3786'		
ROTARY TOTAL DEPTH	3786'	(-1812)		

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Wichita, Kansas

DRILLERS' WELL LOG

BROUGHER OIL, INC.  
P. O. Drawer 1367  
Great Bend, Kansas 67530

FOSTER "A" #2, API#15-145-21,092 - 0000  
SW SW SE Sec.1-21-16  
Pawnee County, Kansas

DATE COMMENCED: 11-30-83  
DATE COMPLETED: 12- 5-83

ELEVATION: 1974 KB

SURFACE PIPE: 8 5/8" Surface Pipe set @955',  
cemented w/400 sacks 60/40 poz, 2% gel, 3% cc,  
cement did circulate.

PRODUCTION CASING: New 5 1/2" Casing set @3773',  
cemented w/125 sacks 50/50 poz, 18% salt, .75%  
CFR-2,5# gilsonite per sack.

- 0 - 200' Sand
- 200 - 370' Sand & Shale
- 370 - 480' Dakota
- 480 - 930' Shale & Anhydrate
- 930 - 952' Shale
- 952 - 956' Anhydrate
- 956 - 981' Anhydrate
- 981 - 1768' Shale
- 1768 - 2290' Lime & Shale
- 2290 - 2655' Lime & Shale
- 2655 - 2841' Lime w/Shale
- 2841 - 3150' Lime
- 3150 - 3410' Lime
- 3410 - 3573' Lime & Shale
- 3573 - 3710' Lime
- 3710 - 3765' Lime
- 3765 - 3786' Arbuckle
- 3786' RTD

A F F I D A V I T

STATE OF KANSAS ) ss.  
COUNTY OF BARTON )

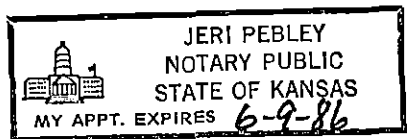
Viann Brougher of lawful age, does swear and state that the facts and statements herein are true and correct to the best of her knowledge.

*Viann Brougher*  
\_\_\_\_\_  
Viann Brougher

Subscribed and Sworn to before me this 11th day of January, 1984.

My Commission Expires:  
6-9-86

*Jeri Pebley*  
\_\_\_\_\_  
Notary Public



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JAN 19 1984  
CONSERVATION DIVISION  
Wichita, Kansas