

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

SIDE ONE

State Geological Survey

Compt. 91

(Rules 82-3-130 and 82-3-107)

WICHITA BRANCH

DOCKET NO. NP 91

This form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ninety (90) days after the completion of a well, regardless of how the well was completed.

FOR INFORMATION REGARDING THE NUMBER OF COPIES TO BE FILED AND APPLICATIONS REQUIRING COPIES OF ACO-1 FORMS SEE PAGE TWO (2), SIDE TWO (2) OF THIS FORM.

F Letter requesting confidentiality attached.

C ✓ Attach ONE COPY of EACH wireline log run (i.e. electrical log, sonic log, gamma ray neutron log etc.)***Check here if NO logs were run .

PLEASE FILL IN ALL INFORMATION. IF NOT AVAILABLE, INDICATE. IF INFORMATION LATER BECOMES AVAILABLE, SUBMIT BY LETTER.

LICENSE # 5900 EXPIRATION DATE 6-30-83

OPERATOR Lawbanco Drilling, Inc. API NO. 15-163-22,037

ADDRESS Box 289 COUNTY Rooks

Natoma, Kansas 67651 FIELD Riffe

** CONTACT PERSON Reva Musgrove PROD. FORMATION Arbuckle

PHONE 913-885-4676 Indicate if new pay.

PURCHASER Farmland Industries, Inc. LEASE Brunner

ADDRESS P. O. Box 7305 WELL NO. 1

Kansas City, Missouri 64116 WELL LOCATION C of W/2 SW SE

DRILLING Emphasis Oil Operations 695 Ft. from South Line and

CONTRACTOR P. O. Box 506 2310 Ft. from East Line of

ADDRESS Russell, Kansas 67669 the SE (Qtr.) SEC 24 TWP 7 RGE 18 (W)

PLUGGING WELL PLAT (Office Use Only)

CONTRACTOR

 KCC ✓

ADDRESS KGS ✓

TOTAL DEPTH 3311 PBTD SWD/REP

SPUD DATE 5-4-83 DATE COMPLETED 5-12-83 PLG.

ELEV: GR 1756 DF 1759 KB 1761 NGPA

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

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING CD-38323

USED TO DISPOSE OF WATER FROM THIS LEASE (G-21,884)

Amount of surface pipe set and cemented 1204 85/80V Tool Used? no

TYPE OF COMPLETION THIS AFFIDAVIT APPLIES TO: (Circle ONE) - (Oil) Shut-in Gas, Gas, Dry, Disposal, Injection, Temporarily Abandoned. If OWWO, indicate type of re-completion . Other completion . NGPA filing

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

R. L. Finnesy, being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit.

State Geological Survey WICHITA BRANCH

ACO-1 Well History

Side TWO

OPERATOR Lawbanco Drilling, LEASE NAME Brummer SEC 24 TWP 7 RGE 18 (W)

WELL NO 1

FILL IN WELL INFORMATION AS REQUIRED:

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.

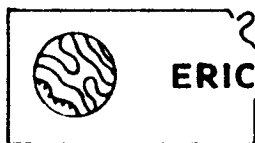
Formation description, contents, etc.	Top	Bottom	Name	Depth
<p>Check if no Drill Stem Tests Run.</p> <p>Check if samples sent Geological Survey.</p> <p>No driller's log available</p> <p>5 drill stems tests see attached page</p> <p>Anhydrite 1192-1232</p>			<p>Topeka</p> <p>Heebner</p> <p>Toronto</p> <p>Lansing KC</p> <p>Base KC</p> <p>Arbuckle</p> <p>RTD</p>	<p>2688</p> <p>2896</p> <p>2922</p> <p>2939</p> <p>3166</p> <p>3242</p> <p>3311</p>

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used				Depth interval treated	
250 gal. mud acid				3245 to 47	
500 gal super sol					
750 gal super sol					
Date of first production June 3, 1983		Producing method (flowing, pumping, gas lift, etc.) pumping			Gravity 23
Estimated Production-L.P.	Oil 30 bbls.	Gas MCI	Water 70 %	Gas-oil ratio bbls.	CFPS
Disposition of gas (vented, used on lease or sold) vented			Perforations 3245 to 47		

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
Conductor	17 1/4	13 3/8	40	84	common	100	2% gel 3% cc
Surface	12 1/4	8 5/8	24	1204	common	425	3% cc 2% gel
Production	7 7/8	5 1/2	14	3309	ASC	150	

LINER RECORD				PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots	Size & type	Depth interval	
			8	ss13	3245 to 47	
TUBING RECORD						
Size	Setting depth	Packer set at				
	3200					



ERIC WADDELL COMPANY

Independent Petroleum Geologist

913-885-4497

Complete Geological Services

P. O. Box 349

Natoma, Kansas 67651

DRILL STEM TESTS

1 Brummer
24-7-18w

1)

Interval Tested: 2700-2720

Time Intervals: 45-45-45-45.

Initial Flow Pressures: Not Recorded.

Final Flow Pressures: 107-107.

Shut-in Pressures: 1013-984.

Blow: Weak on both openings.

Recovery: 135' of mud & watery mud, with a few specks of oil on top of the tool.

2)

Interval Tested: 2863-2890.

Time Intervals: 30-30-15-30.

Initial Flow Pressures: 936-1081.

Final Flow Pressures: 1140-1140.

Shut-in Pressures: 1140-1140.

Blow: Strong Throughout.

Recovery: 660' of mud, 185' of watery mud, 185' of muddy water, & 1305' of water.

3)

Missrun, the tool plugged.

4)

Interval Tested: 3225-3260.

Time Intervals: 60-45-60-45.

Initial Flow Pressures: Not Recorded.

Final Flow Pressures: 156-176.

Shut-in Pressures: 1021-965.

Blow: First open-Weak, building to 5" in the bucket. Second-Off bottom in 39 minutes.

Recovery: 55' GIP, 181' of clean gassy oil, 82' of mud-cut oil (60% oil & 40% mud),
114' of heavy oil & gas-cut mud (55% mud & 45% oil).

5)

Interval Tested: 3261-3281.

Time Intervals: 60-45-60-45.

Initial Flow Pressures: 78-88.

Final Flow Pressures: 117-127.

Shut-in Pressures: 1021-1003.

Blow: Weak, building to 5" in bucket on both openings.

Recovery: 50' of clean, gassy oil, 135' of mud & slightly water-cut gassy oil (50% oil,
40% mud & 10% water), & 20' of oil and water-cut mud (65% mud, 20% oil & 15%
water).