

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. _____

SIDE ONE

DOCKET NO. NP _____

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

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.

Letter requesting confidentiality attached.

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 # 5140. EXPIRATION DATE June 30, 1984

OPERATOR Frontier Oil Company API NO. 15-165-21,155

ADDRESS 125 N. Market, Ste 1720 COUNTY Rush

Wichita, Ks. 67202 FIELD Ficken ~~East~~

** CONTACT PERSON Jean Angle PROD. FORMATION Lansing-KC
PHONE 263-1201 Indicate if new pay.

PURCHASER Koch Oil Company LEASE Schwindt Farms

ADDRESS P O Box 2256 WELL NO. 1

Wichita, Ks. 67201 WELL LOCATION NE NE NE

DRILLING Red Tiger Drilling Company 330 Ft. from North Line and

CONTRACTOR 125 N. Market, Ste 1720 330 Ft. from East Line of

ADDRESS Wichita, Ks. 67202 the NE (Qtr.) SEC 23 TWP 17S RGE 18W(W).

PLUGGING N/A

CONTRACTOR _____

ADDRESS _____

TOTAL DEPTH 3680' PBTD _____

SPUD DATE 12-2-83 DATE COMPLETED 1-8-84

ELEV: GR 2089 DF 2091 KB 2094

DRILLED WITH ~~(WIRE)~~ (ROTARY) ~~(WIRE)~~ TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING

USED TO DISPOSE OF WATER FROM THIS LEASE CD118236

Amount of surface pipe set and cemented C-21 544

DV 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 _____.

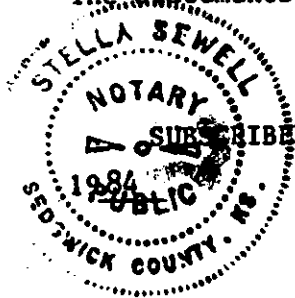
ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

A F F I D A V I T

Jean Angle, 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.

Jean Angle
(Name)



SUBSCRIBED AND SWORN TO BEFORE ME this 23rd day of February, _____.

RECEIVED STATE CORPORATION COMMISSION
02-27-1984
FFR 27 1984
Stella Sewell
(NOTARY PUBLIC)

MY COMMISSION EXPIRES: June 24, 1984

** The person who can be reached by phone Wichita, Kansas in any questions concerning this information.

15-165-21155-00-00

Side TWO OPERATOR

Frontier Oil Co.

LEASE NAME Schwindt Farms SEC 23 TWP 17S RGE 18W (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
Check if no Drill Stem Tests Run. Check if samples sent Geological Survey.				
Surface Soil, Rock & Shale	-0-	590	Anhydrite	1199 (+ 895)
Sand	590	830	Herrington	1992 (+ 102)
Shale	830	1199	Winfield	2026 (+ 68)
Anhydrite	1199	1237	Cottonwood	2434 (- 340)
Shale	1237	1990	Neva	2496 (- 402)
Shale & Lime Sts.	1990	2900	Red Eagle	2578 (- 484)
Lime	2900	3680	Brownville Lm	2727 (- 633)
RTD	3680.		Tarkio Lm	2833 (- 739)
			Elmont Lm	2885 (- 791)
			Topeka	3074 (- 980)
DST 1 (1978-2130) 60-30-60-30 Rec 850' SW IF 71-357 FF 397-448, ISI 509 FSI 509			Heebner	3325 (-1231)
			Toronto	3341 (-1247)
			Lansing KC	3371 (-1277)
			Base KC	3595 (-1501)
DST 2 (2736-2900) 60-30-60-30 Rec 620' SW IF 102-153, FF 153-204 ISI 529 FSI 609			Granite Wash	3650 (-1556)
			RTD	3680 (-1586)
DST 3 (3066-3100) GTS 5". gg 96,700 CFPD Rec 360' SW. IF 81-183, FF 153-204, ISI 1007 FSI.1007.				
DST 4 (3198-3306) 60-30-60-30 Rec 1800' SW IF 142-709 FF 709-908 ISI 1107 FSI 1107				
DST 5 (3318-3412) 60-30-60-30 Rec 350' MW IF 91-102, FF 153-204 ISI 1007 FSI 1007				
If additional space is needed use Page 2				

RELEASED
MAY 29 1986
FROM CONFIDENTIAL

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	Socks	Type and percent additives
Surface	12 1/4"	8-5/8"	24#	1219'	60-40 poz	425	2% gel 3% cc
Production	7-7/8"	4 1/2"	10 1/2#	3669'	Common	275	10% Salt

N/A

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type DPs	Depth interval
			4		3551 - 3557'
TUBING RECORD					
Size	Setting depth	Pecker set at			
2-3/8"	3610'	N/A			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gal. 15% regular acid.	3551' - 3557'

Disposition of gas vented, used on lease or sold: N/A

Producing method (flowing, pumping gas lift, etc.):

Gravity SEPARATION 41°

General note: -0- CFPD

Perforations: 3551 - 3557'

15-165-21155-00-00

ACO-1 WELL HISTORY

PAGE 2 (Side One)

OPERATOR Frontier Oil Co LEASE NAME Schwindt Farms
WELL NO. #1

SEC 23 TWP 17S RGE 18W (E)
(W)

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 & Shut-in pressures, and recoveries.

Show Geological markers, logs run, or Other Descriptive information.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST 6 (3412-3548) 60-30-60-30 Rec 60' GIP, 60'SOCW, 1200' Wtr. IF 71-408 FF 428-559, ISI 1156 FSI 1156				
DST 7 (3547-3574) 60-30-60-30 Rec 1050' cl gsy 0 IF 102-255 FF 336-408, ISI 1236 FSI 1236				
DST 8 (3574-3620) 30-30-15-30 Rec 10' M IF 51-51 FF 51-51 ISI 102 FSI 153.				
DST 9 (3615-3670) 30-30-30-30 Rec 35' M IF 51-51 FF 51-51 ISI 102 FSI 102.				
RTD 3680. Ran pipe.				

RELEASED
MAY 29 1986
FROM CONFIDENTIAL

MAR 7 1984

RECEIVED
STATE CORPORATION COMMISSION

FEB 27 1984

CONSERVATION DIVISION
Wichita, Kansas

State Geological Survey
WICHITA BRANCH