

TYPE
SIDE ONE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

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.
X 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.

X 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 # 5140 EXPIRATION DATE 6/30/83

OPERATOR Frontier Oil Company API NO. 15-165-20,993-0000

ADDRESS 1720 KSB Bldg COUNTY Rush
Wichita, KS 67202 FIELD Reichel

** CONTACT PERSON Jean Stocks PROD. FORMATION Topeka
PHONE 316-263-1201

PURCHASER Kansas-Nebraska Natural Gas Co., Inc LEASE Steitz-Decker

ADDRESS Box 300, 300 N. St. Joseph Ave. WELL NO. 4
Hastings, Neb. 68901 WELL LOCATION SW/4 SW/4 NW/4

DRILLING Red Tiger Drilling Company 330 Ft. from South Line and
CONTRACTOR ADDRESS 1720 KSB Bldg. 330 Ft. from West Line of
Wichita, KS 67202 the NW (Qtr.) SEC 2 TWP 17S RGE 17W.

PLUGGING n/a

CONTRACTOR ADDRESS _____

WELL PLAT (Office Use Only)

X		2	

KCC
KGS
SWD/REP _____
PLG. _____

TOTAL DEPTH 3180' PBTD N/A

SPUD DATE 4/23/82 DATE COMPLETED 6/29/82

ELEV: GR 2063' DF 2066' KB 2068'

DRILLED WITH ~~MOBILE~~ (ROTARY) ~~XXXX~~ TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE 107,818-C
(C 18 301)

Amount of surface pipe set and cemented 228.54' FO Tool Used? yes

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

George A. 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.

George A. Angle
(Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 29th day of July, 19 82.



Jean Stocks
(NOTARY PUBLIC)

MY COMMISSION EXPIRES: 5/14/85

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

RECEIVED
STATE CORPORATION COMMISSION

AUG 17 1982

CONSERVATION DIVISION
Wichita, Kansas

SIDE TWO

CONFIDENTIAL

ACO-1 WELL HISTORY

OPERATOR: Frontier Oil Company LEASE Steitz-Decker #4 SEC. 2 TWP 17S RGE. 17W

FILL IN WELL LOG AS REQUIRED: 15165-20993-0000

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

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.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Top Soil, Sand & Shale	0	230	Anhydrite (top)	1176 (+ 892)
Sand & Shale	230	770	(base)	1213 (+ 855)
Shale	770	1176	Herrington	1998 (+ 70)
Anhydrite	1176	1213	Winfield	2039 (+ 29)
Shale	1213	1820	Fort Riley	2201 (- 133)
Shale & Lime	1820	2073	Base Florence	2286 (- 218)
Lime & Shale	2073	2116	Wreford	2334 (- 266)
Shale & Lime	2116	2170	Crouse	2376 (- 308)
Lime & Shale	2170	2415	Bader	2403 (- 335)
Shale & Lime	2415	2430	Cottonwood	2446 (- 378)
Lime & Shale	2430	2525	Neva	2514 (- 446)
Lime	2525	2595	Red Eagle	2582 (- 514)
Lime & Shale	2595	2650	Wabaunsee	2706 (- 638)
Lime	2650	2780	Brownville	2732 (- 664)
Lime & Shale	2780	2910	Dover	2780 (- 712)
Lime	2910	2950	Dover	2842 (- 774)
Lime & Shale	2950	3080	Tarkio	2910 (- 842)
Lime	3080	3180	Howard	3028 (- 910)
RTD		3180	Topeka	3087 (- 1019)
			RTD	3180 (- 1112)
			4 1/2"	3153 (- 1087)
DST #1 60-30-20-30. Rec. 180' GIP, 360' GMW w/oil spks. IF 82-287 FF 307-328 ISI 533 FSI 533.	1983	2116		
DST #2 Rec. 150' M. IF 184-226 FF 236-266 ISI 683 FSI 724.	2116	2430		
DST #3 60-30-60-30. Rec. 560'. IF 62-166 FF 207-270 ISI 683 SIP 724.	2412	2525		

RELEASED
JUL 01 1983
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	Sacks	Type and percent additives
Surface	12 1/2"	8-5/8"	24#	228.54'	Common	150 sx	2% Gel., 3% C.C.
Production	7-7/8"	4 1/2"	10.5#	3153.6'	Common	150 sx	10% Salt
FO Tool	7 7/8"	4 1/2"	10 1/2#	1175'	---	---	---

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type DP's	Depth interval
			4		3083-91

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
250 Gal., 15% Reg. Acid	3093-91

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
6-29-82	gas lift	
RATE OF PRODUCTION PER 24 HOURS	OR	Gas
	-0-	57 MCF
Disposition of gas (vented, used on lease or sold)	Water	Gas-oil ratio
Sold	% Trace	-0- CPFB
	Perforations	3083-91

CONFIDENTIAL

SIDE TWO (Page Two)

OPERATOR Frontier Oil Company LEASE NAME #4 Steitz-Decker

ACO-1 WELL HISTORY
SEC. 2 TWP. 17S RGE. 17W

FILL IN WELL LOG AS REQUIRED:

Shew 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 #4 60-30-30-30. Rec. 480' MW. IF 145-207 FF 230-249 ISI 776 FSI 745.	2524	2650		
DST #5 60-30-60-30. Rec. 20' M. IF 123-123 FF 123-123 ISI 287 FSI 225.	2712	2910		
DST #6 30-30-30-30. Rec. 15' M. IF & FF 82-82 ISI 430 430 FSI not recorded	2910	3080		
DST #7 120-30. GTS in 20". TSTM. Rec. 45' GCWM. IF 41-31 ISI 410.	3080	3108		

RELEASED

JUL 01 1963

FROM CONFIDENTIAL