

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

SIDE ONE

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.

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.

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. 15-165-21,063-00-00

ADDRESS 1720 KSB Building COUNTY Rush  
Wichita, KS 67202 FIELD Wildcat FILKEN NO

\*\* CONTACT PERSON Jean Angle PROD. FORMATION Topeka (SIGW)  
PHONE (316) 263-1203

PURCHASE N/A LEASE Weigand

ADDRESS WELL NO. 1

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

CONTRACTOR 1720 KSB Building 330 Ft. from West Line of

ADDRESS Wichita, KS 67202 the NE (Qtr.) SEC13 TWP 17SRGE 18W.

PLUGGING N/A WELL PLAT (Office Use Only)

CONTRACTOR ADDRESS KCC [checked]  
KGS [checked]

TOTAL DEPTH 3715' PBD 3310' SWD/REP

SPUD DATE 1-17-83 DATE COMPLETED 3-30-83 PLG.

ELEV: GR 2096' DF 2098' KB 2101'

DRILLED WITH (X) (ROTARY) (X) TOOLS.

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

Amount of surface pipe set and cemented 1205' 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

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.

SUBSCRIBED AND SWORN TO BEFORE ME this 21st day of June 1983. (Name) Jean Angle

19-83

MY COMMISSION EXPIRES: June 24, 1984

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

RECEIVED STATE CORPORATION COMMISSION JUN 23 1983 CONSERVATION DIVISION Wichita, Kansas

SIDE TWO

OPERATOR Frontier Oil Company

LEASE #1 Weigand

ACO-1 WELL HISTORY  
SEC. 13 TWP. 17S RGE. 18W

**FILL IN WELL LOG 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
Sand & Clay	0	200	Anhy	1197-1235 (+ 904)
Sand	200	575	Herr	2000 (+ 101)
Sand & Shale	575	1215	Winf.	2034 (+ 67)
Clay & Shale	1215	1680	Ctwd	2443 (- 342)
Lime & Shale	1680	3715	Neva	2502 (- 401)
RTD		3715	Rd Eag	2572 (- 471)
			Brnv	2734 (- 633)
DST #1	2006	2060	Tark	2844 (- 743)
60-30-60-30 Strg blo both opns off btm bucket Rec 744' MSW IF 88-348 FF 370-441 ISI 564 FSI 564			How	3029 (- 928)
			Top	3091 (- 990)
			Heeb	3334 (-1233)
			Tor	3350 (-1249)
DST #2	2744	2900	Lans	3377 (-1276)
60-30-60-30 1st opn wk inc to blo off btm 2nd opn wk inc to strg gas odor to surf but would not burn Rec 275' thick mud w/few spots oil very slightly gas cut IF 97-203 FF 203-273 ISI 846 FSI 828 (SIP still climbing)			BKC	3594 (-1493)
			Sand	3656 (-1555)
			Gr Wash	3659 (-1558)
			RTD	3715 (-1614)
			4 1/2" @	3714 (-1613)
DST #3	3080	3105		
60-60-90-30 1st opn strg blo imme GTS in 40" 29 MCF 2nd opn gas in 90" 17 MCF Rec 420' foamy gassy mud & 140' Mdy SW IF 35-115 FF 115-212 ISI 969 FSI 899				
DST #4	3270	3310		
60-30 Rec 60' WM IF 35-53 ISI 1084 Wk blo TO				
DST #5	3388	3414		
60-30 Rec 3' Mud IF 27-27 ISI 864 wk blo 40"				

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"	8-5/8"	24#	1200'	60-40 poz	450 sx	3% C.C., 2 % Gel.
Production	7-7/8"	4 1/2"	10.5#	3714'	Common	275 sx	10% Salt

**LINER RECORD** N/A

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type DPs	Depth interval
			4		3088-3096'
<b>TUBING RECORD</b> N/A			4	DPs	3652-3658'
Size	Setting depth	Pecker set at			

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
250 gal. 15% INS	3652-3658'

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
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RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water %	Gas-oil ratio bbls.	CFPB
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Disposition of gas (vented, used on lease or sold) Perforations 3088-3096', 3652-3658'

OPERATOR Frontier Oil Company

LEASE NAME #1 Weigand

SEC. 13 TWP. 17S RGE. 18W

FILL IN WELL LOG 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
DST #6 60-30 Wk blo Rec 2' M in drill pipe & 10' M in tool IF 35-35 ISI 44	3546	3575		
DST #7 60-30-30-30 Rec 10' M IF 62-62 ISI 71 wk blo both opns	3590	3662		
DST #8 60-30-30-30 Rec 60' M IF 88-88 FF 88-106 ISI 106 FSI 124 1st opn wk blo 2nd opn no blo	3588	3702		
SIGW				

This form shall be filed in duplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the well, regardless of how the well was completed.

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.

Circle one: Oil, Gas, Dry, SWD, OWWO, Injection. Type and complete ALL sections.

Applications must be filed for dual completion, commingling, SWD and injection, T.A.

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

OPERATOR HANHOFF OIL AND GAS COMPANY

API NO. 15-051-22799-00-00

ADDRESS 650 Petroleum Bldg. Denver, Colorado 80202

COUNTY Ellis

FIELD No Name MUMBER NO.

\*\*CONTACT PERSON Wayne Suagee PHONE (913) 628-2774

PROD. FORMATION Arbuckle

PURCHASER NCRA

LEASE Julie Herl

ADDRESS P.O. Box 1167 McPherson, -Kansas 67460

WELL NO. 1

WELL LOCATION 300' N of C of SE/4 SE/4

DRILLING The Ramco Drilling Corp.

CONTRACTOR ADDRESS 100 S. Main, 200 Hardage Center Wichita, Kansas 67202

Ft. from Line and

Ft. from Line of

the SEC. 13 TWP. 14 RGE. 18

WELL FLAT

KCC 10-11-12 CS

PLUGGING CONTRACTOR ADDRESS

Grid for well plat with 4 columns and 4 rows.

KCC KGS (Office Use)

TOTAL DEPTH 3630' PBD

SPUD DATE 1-2-82 DATE COMPLETED 1-8-82

ELEV: GR 1988' DF KB 1999'

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

Amount of surface pipe set and cemented 1154' DV Tool Used? No

AFFIDAVIT

STATE OF Kansas, COUNTY OF Ellis SS, I,

D. J. Pfannenstiel OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS Prod., Foreman (FOR)(OF) Hanhoff Oil & Gas Co.

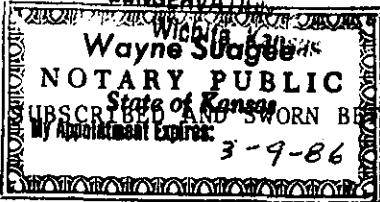
OPERATOR OF THE Julia Herl LEASE, AND IS DULY AUTHORIZED TO MAKE

THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. One (1) ON

SAID STATE INFORMATION BEEN COMPLETED AS OF THE 14 DAY OF March, 1982, AND THAT

ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

FURTHER BONA FIDE SAITH NOT.



(S) D. J. Pfannenstiel

March 29th DAY OF March, 1982

Wayne Suagee NOTARY PUBLIC

MY COMMISSION EXPIRES: 3-9-86

\*\*The person who can be reached by phone regarding any questions concerning this information. Within 45 days of completion, a witnessed initial test by the Commission is required if the well produces more than 25 BOPD or is located in a Basic Order Pool.

**SIDE TWO**

**WELL LOG**

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
			Anhydrite	1190'
			Topeka Lime	2980'
			Heebner	3250'
			Toronto	3273'
			Douglas Sh.	3287'
			L-KC	3295'
			Base KC	3520'
			Marmaton	3530'
			Arbuckle	3570'
			T.D.	3630'
			Welex-Gamma-Guard, Sidewall Neutron Log and Welex-Micro-Seismogram Log-Cased Hole.	

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 Csg.	12 1/2	8 5/8	24	1154'	Common	450	5% salt
Prod., Csg.	7 7/8	4 1/2	10.5	3629'	Common	200	5% salt

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			Two (2)	Welex Jet	3558 - 3562'

**TUBING RECORD**

Size	Setting depth	Packer set at
2 3/8	3574'	none

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
none	

Date of first production 3-14-82	Producing method (flowing, pumping, gas lift, etc.) Pumping	Gravity 34
RATE OF PRODUCTION PER 24 HOURS	Oil 17 bbls.	Gas none MCF
	Water 0 %	Gas-oil ratio none CFPB
Disposition of gas (vented, used on lease or sold)		Perforations 3558 - 3562'