

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

8-9-18W
P7

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 6/30/82

OPERATOR Frontier Oil Company API NO. 15-163-21,127

ADDRESS 1720 KSB & T Bldg. COUNTY Rooks

Wichita, KS 67202 FIELD McHale

** CONTACT PERSON Jean Stocks PROD. FORMATION n/a
PHONE (316) 263-1201

PURCHASER n/a LEASE Hilgers "A"

ADDRESS WELL NO. 1

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

CONTRACTOR 1720 KSB & T Bldg. 330 Ft. from West Line of

ADDRESS Wichita, KS 67202 the SW (Qtr.) SEC 8 TWP 9S RGE 18W.

PLUGGING Rockhold Engineering, Inc. WELL PLAT

CONTRACTOR Box 698 (Office Use Only)

ADDRESS Great Bend, KS 67530 KCC

TOTAL DEPTH 3576' PBDT N/A KGS ☒

SPUD DATE 7-24-80 DATE COMPLETED 8-15-82 SWD/REP

ELEV: GR 2102 DF 2104 KB 2107 PLG.

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

SOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING

USED TO DISPOSE OF WATER FROM THIS LEASE N/A

Amount of surface pipe set and cemented 277.26' DV Tool Used? No

THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Gas, Shut-in Gas, Dry, Disposal,

Injection, Temporarily, ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used		Depth Interval treated
500 gal., 15% Reg.	240028 MASS 240028 MASS 240028 MASS	3524-28
500 gal., 15% Reg.		3504-08
500 gal., 15% Reg.		3478-82
1500 gal., 20% Demulsified Acid		3464-68
500 gal., 15% Reg.		3444-46
Date of first production N/A	Producing method (flowing, pumping, gas lift, etc.)	Gravity
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas
Disposition of gas (vented, used on lease or sold)	Water %	Gas-oil ratio
Perforations	3524-28	3464-68
	3504-08	3444-46
	3478-82	

60784

SIDE TWO

OPERATOR Frontier Oil Company LEASE Hilgers "A" #2 SEC. 8 TWP. 9S RGE. 18W

ACO-1 WELL HISTORY

FILL IN WELL LOG AS REQUIRED:

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.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Post Rock	0	45	Anhydrite	1541 (+ 566)
Shale & Sand	45	290	Brownvill LM	2782 (- 675)
Shale	290	645	Tarkio Lime	2875 (- 768)
Sand	645	760	Topeka	3024 (- 917)
Shale	760	1015	Howard	3053 (- 946)
Sand	1015	1252	Heebner	3268 (-1161)
Shale & Red Bed	1252	1541	Toronto	3290 (-1183)
Anhydrite	1541	1576	Lansing-KC	3312 (-1205)
Shale & Red Bed	1576	1942	Base of KC	3529 (-1222)
Shale	1942	2170	Cherty Congl.	3559 (-1452)
Shale & Lime	2170	2658	RTD	3576 (-1469)
Lime	2658	2820		
Shale & Lime Streaks	2820	3125		
Lime & Shale	3125	3248		
Lime	3248	3576		
RTD		3576		
Rotary Completion 7-30-82 P & A 9-26-82				
DST #1 60-30-60-30. 1st opn wk blo. 2nd opn wk blo. Rec 60' M w/ spks 0; 120' MSW. IF 52-73 FF 83-124 ISI 829 FSI 725.				
	3176	3255		

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	12½"	8-5/8"	28½	285'	Common	175 sx	2% Gel., 3% C.C.
Production	7-7/8"	12½"	10.5½	3574'	Common	200 sx	10% Salt

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
4	DP's	3524-28
4	DP's	3504-08
4	DP's	3478-82
4	DP's	3464-68
4	DP's	3444-46

TUBING RECORD

Size	Setting depth	Packer set at