

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. \_\_\_\_\_

SIDE ONE

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

DOCKET NO. NP \_\_\_\_\_

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 # 5259 EXPIRATION DATE March 20, 1984  
 OPERATOR Mai Operations API NO. 15-167-22,222-00-00  
 ADDRESS Box 33 COUNTY Russell  
Russell, Kansas 67665 FIELD Airbase East  
 \*\* CONTACT PERSON D.E. Wolfe PROD. FORMATION L.K.C.  
 PHONE 913-483-2169 \_\_\_\_\_ Indicate if new pay.  
 PURCHASER KOCH OIL COMPANY LEASE Haselhorst "A"  
 ADDRESS 4111 E. 37th. St. N. WELL NO. #2  
Wichita, Ks. 67220 WELL LOCATION NW NW NW  
 DRILLING Revin Drlg., Inc. 330 Ft. from North Line and  
 CONTRACTOR Box 293 330 Ft. from West Line of  
 ADDRESS Russell, Kansas 67665 the NW (Qtr.) SEC 3 TWP 13 RGE 15 (E)  
 (W)

PLUGGING none  
 CONTRACTOR \_\_\_\_\_  
 ADDRESS \_\_\_\_\_

TOTAL DEPTH 3430 PBTD ~~XXXX~~ 3335'  
 SPUD DATE 10-2-83 DATE COMPLETED 10-8-83  
 ELEV: GR 1921' DF \_\_\_\_\_ KB 1926'  
 DRILLED WITH (~~CARLEX~~) (ROTARY) (~~XXXX~~) TOOLS.  
 DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING  
 USED TO DISPOSE OF WATER FROM THIS LEASE CD \*18370.

WELL PLAT (Office Use Only)

#2			
		31	

KCC   
 KGS   
 SWD/REP \_\_\_\_\_  
 PLG. \_\_\_\_\_  
 NGPA \_\_\_\_\_

Amount of surface pipe set and cemented set @ 302 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

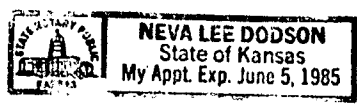
ME D.E. WOLFE (Mai Operations Supt.) being of lawful age, hereby certifies that:-

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.

*D.E. Wolfe*  
(Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 3rd day of November 1983,

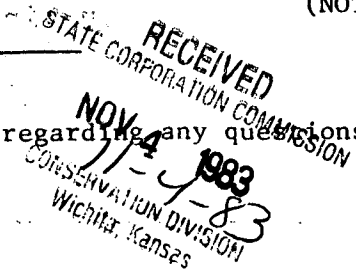
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*Neva Lee Dodson*  
(NOTARY PUBLIC)

MY COMMISSION EXPIRES: June 5, 1983

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



Side TWO

OPERATOR Mai Operations

LEASE NAME Haselhorst "A"  
WELL NO #2

SEC 31 TWP 13 RGE 15

(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 and shut-in pressures, and recoveries.

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

Formation description, contents, etc.	Top	Bottom	Name	Depth
LOG TOPS				
			Anhydrite	995'
			Topeka	2832'
			Heebner	3056'
			Toronto	3075'
			L.K.C.	3103'
			B.K.C.	3341'
			Conglomerate	3356'
			Arbuckle	3383'
			Rotary T.D.	3429'
			LOGS RAN By	
			Dresser-Atlas	
			Open Hole	
			Laterolog-GRN	
			Densilog-GRN	
			Cased Hole	
			Gamma Ray-Neutron	
			Prolog	
Check if no Drill Stem Tests Run. Check if samples sent Geological Survey.				
Shale & Shells	00	305		
Sand -Shale	305	400		
Shale	400	998		
Anhydrite	998	1037		
Shale	1037	1795		
Shale w/ Lime	1795	3195		
Lime	3195	3350		
Lime-cong. Arbuckle	3350	3430		
DST #1 3091-3145				
30-30-30 - 30				
Rec: 105' gassy oil cut mud				
DST #2 3145-3195				
Rec: 62' gas in pipe				
58' slightly oil cut gassy mud				

If additional space is needed use Page 2

Report of all strings set — surface, intermediate, production, etc. **CASING RECORD (New) or (Use only)**

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#	302	Com. Q.S.	180	
Production	7 7/8	5 1/2	14#	3429	EA 2	175	18% salt 5% Cal Seal 1/4# per sx. flo-ce

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			3	Jet	3290' -94 3262' -65; 3246' -50 3190-94; 3149-52 3132-35; 3106-09

TUBING RECORD		
Size	Setting depth	Packer set at
2 EUE	3330'	none

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

Amount and kind of material used	Depth interval treated
12,500 Gallons 20 % Acid	L.K.C. Zones from 3106' to 3294'

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
10-26-83	Pumping	40

Estimated Production-L.P.	Oil	Gas	Water	Gas-oil ratio	CFPS
	bbls.	MCF	%	bbls.	
	56		30	24	

Disposition of gas (vented, used on lease or sold)

Tbg.Perfs. 3297' -3300'  
Perforations