

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 Ernst & Steinle Oil Co # 16161  
ADDRESS Box 859  
Russell, Ks. 67665

API NO. 15-051-22600-00-00  
COUNTY Ellis  
FIELD Sugar-loaf

\*\*CONTACT PERSON Mary Ann Steinle  
PHONE 8 913-183-2585

PROD. FORMATION Arbuckle  
LEASE Dennis Staab

PURCHASER KOCH Oil  
ADDRESS Box 2256,  
Wichita, Ks. 67202

WELL NO. #1  
WELL LOCATION SW SE NW Tract 34

DRILLING CONTRACTOR Ranger Drilling Co., Inc.  
ADDRESS Box 856  
Hays, Kansas 67601

1080 Ft. from East Line and  
180 Ft. from South Line of  
the NW SEC. 16 TWP. 13S RGE. 17W

WELL FLAT

Grid for well flat location with 4 columns and 4 rows.

KCC [checked]  
KGS [checked]  
(Office Use)

PLUGGING CONTRACTOR ADDRESS

TOTAL DEPTH 3650 PBT

SPUD DATE 10-22-81 DATE COMPLETED 10-31-81

ELEV: GR DF KB 2000'

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

Amount of surface pipe set and cemented 204' DV Tool Used? yes

AFFIDAVIT

STATE OF Kansas, COUNTY OF Russell SS, I,

Fred Ernst OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH, DEPOSES THAT HE IS Partner (FOR) Ernst & Steinle Oil Operations

OPERATOR OF THE Dennis Staab LEASE, AND IS DULY AUTHORIZED TO MAKE THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 1 ON

SAID LEASE HAS BEEN COMPLETED AS OF THE 31st DAY OF October, 19 81, AND THAT ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

FURTHER AFFIANT SAITH NOT.

(S) [Signature]

SUBSCRIBED AND SWORN BEFORE ME THIS 4th DAY OF October, 19 82.

Notary Public Seal: JAMES M. DREILING, STATE NOTARY PUBLIC, Russell County, Kansas, My Comm. Expires May 12, 1986

[Signature]

NOTAR RECEIVED STATE CORPORATION COMMISSION

\*\*The person who can be reached by phone regarding any question 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.

RECEIVED OCT 05 1982 CONSERVATION DIVISION Wichita, Kansas

**SIDE TWO**

**WELL LOG**

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
Shale	0	1160		
Shale & Sand	1160	1256		
Anhydrite	1256	1300		
Shale	1300	1422		
Sand & shale	1422	1676		
Shale	1676	2709		
Shale & Lime	2709	2796		
Lime & shale	2796	2999		
Shale & Lime	2999	3473		
Lime & shale	3473	3553		
Shale & Lime	3553	3650		
RTD		3650		
Drill Stem Test No. 1 3552-2605 Arbuckle Time: 45-45-45-45 Blow: Initial - Weak increasing Final - Weak steady				
Pressures: IHMP: 2011# IFP: 84-108 ISIP: 799# FFP: 168-180 FSIP: 764# BHT: N.A. FHMP: 2000#				
Recovery: 450 ft of heavy gas cut muddy oil 70%oil, 15%gas, 11%wtr, 1% mud				

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#	204'	common	150 SX	
long string	7 7/8	4 1/2	10.50	3649			

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

**TUBING RECORD**

Size	Setting depth	Packer set at
2 3/8	3631'	

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

Amount and kind of material used	Depth interval treated
250 mud acid	

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
12-1-81	pumping	27.6

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	6 bbls.		40 %	46 bbls.

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