

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 5267  
name K. & E. Petroleum, Inc.  
address 100 S. Main, Suite 300  
City/State/Zip Wichita, Kansas 67202

Operator Contact Person Wayne L. Brinegar  
Phone 316-264-4301

Contractor: license # 5422  
name Abercrombie Drilling, Inc.

Wellsite Geologist Chuck Innich  
Phone 316-684-5500

PURCHASER

Designate Type of Completion

New Well  Re-Entry  Workover

- Oil  SWD  Temp Abd
- Gas  Inj  Delayed Comp.
- Dry  Other (Core, Water Supply etc.)

If OWWO: old well info as follows:

Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable

12/5/85 12/24/85 1/8/86  
Spud Date Date Reached TD Completion Date

3340' 3258'  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 436 feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated from feet depth to w/ SX cmt

API NO. 15-009-24,113-000

County Barton

SE NE SW Sec 2 Twp 16S Rge 11 East West

1650... Ft North from Southeast Corner of Section  
2970... Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

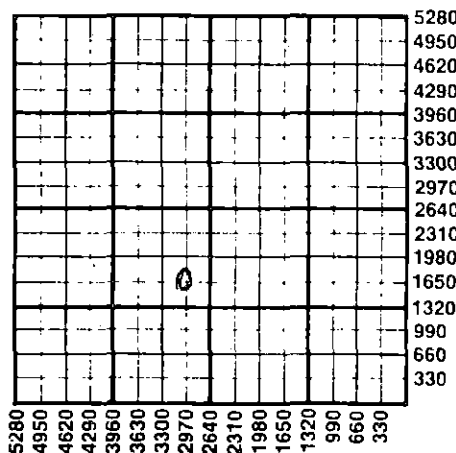
Lease Name Heinze Well# 1

Field Name Wildcat

Producing Formation None

Elevation: Ground 1823' KB 1835'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

Groundwater... Ft North From Southeast Corner and  
(Well) ... Ft. West From Southeast Corner of  
Sec Twp Rge  East  West

Surface Water... 3300... Ft North From Southeast Corner and  
(Stream, Pond etc.) 4290... Ft West From Southeast Corner  
Sec Twp Rge  East  West

Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring

Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply.

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

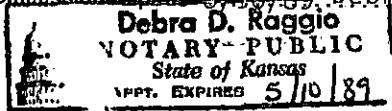
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules, and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Wayne L. Brinegar  
Title Vice President Date 1/8/86

Subscribed and sworn to before me this 8th day of January, 1986

Notary Public Debra D. Raggio  
Date Commission Expires 5/10/89



K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

Form ACO-1 (7-84)

1986  
1-9-86  
Oil and Gas Division  
Wichita, Kansas

Sec. 21 Twp. 16 S. Rge. 11 E. Section 11

Operator Name K. & E. Petroleum, Inc. Lease Name Heinze Well# 1 SEC. 2 TWP. 16S RGE. 11  East  West

**WELL LOG**

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

**Formation Description**  
 Log  Sample

DST #1 (3048' - 3074') (Lansing "E & F")

45/60/45/60  
 Rec. 240' HM&GCWO (28% oil, 32% gas, 18% mud, 22% wtr.),  
 480' wtr. w/scum of oil, 360' wtr. (Cl. 98,000 ppm).  
 FP's: 72# - 343#/385# - 500#. SIP's: 935#/914#. HSP's:  
 1558#/1558#. BHT: 105°.

Name	Top	Bottom
Anhydrite	676'	+1159'
B/Anhydrite	705'	+1130'
Topeka	2581'	-746'
Heebner	2876'	-1041'
Brown Lime	2971'	-1136'
Lansing	2987'	-1152'
B/KC	3255'	-1420'
Congl. Sd	3296'	-1461'
Arbuckle	3326'	-1491'
T.D.	3330'	-1495'
D.D.T.D.	3340'	-1505'

DST #2 (3274' - 3306') (Conglomerate)

45/60/75/90  
 Rec. 90' MO (50% oil, 5% gas, 38% mud, 7% wtr.) 60' HOCM:  
 (28% oil, 4% gas, 65% mud, 3% wtr.) FP's: 41# - 62#/72#  
 - 83#. SIP's: 987#/914#. HSP's: 1734#/1672. BHT:  
 104°.

DST #3 (3323' - 3331') (Arbuckle)

45/60/75/90  
 Rec. 80' MO (65% Oil, 28% mud, 7% wtr.) 30' MO (57% oil,  
 2% gas, 38% mud, 3% wtr.) Gravity 36°. FP's: 20# - 31#  
 52# - 52#. SIP's: 842#/769#. HSP's: 1724#/1755#.  
 BHT: 106°.

CASING RECORD <input checked="" type="checkbox"/> new <input type="checkbox"/> used							
Report all strings set - conductor, surface, intermediate, production, etc.							
Purpose of string	size hole drilled	size casing set (in O.D.)	weight lbs/ft.	setting depth	type of cement	# sacks used	type and percent additives
Surface	12.1/4"	8.5/8"	24#	436'	60/40 pos.	225	2% gel, 3% c.c.
Production	7.7/8"	5.1/2"	14#	3328'	60/40 pos.	150	10% salt
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)		Depth	
4	3328 - 3331' 3328 - 3337' (Arb.) (OH)			250 gal. 15% MCA, 1000 gal. 20% INS		3328-3337'	
2	3310 - 3312' & 3298 - 3302' (Congl.)			300 gal. 15% MCA, Frac 18,400 gal. gelled 3% acid & 12,000# sand		3298-3212'	
2	3019 - 3024' (Lans.)			1000 gal. 15% NE		3019-3024'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
size	set at	packer at					
Date of First Production	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio		Gravity	
	Bbls	MCF	Bbls	CFPB			

Disposition of gas:  vented  sold  used on lease

**METHOD OF COMPLETION**  
 open hole  perforation  other (specify)

Dually Completed.  Commingled

PRODUCTION INTERVAL

None: well to be

