

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 # 5266
name ..K.&E. Drilling, Inc. on behalf of K & E
address Petroleum, Inc. 100 S. Main Suite 300
Hardage Center
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 Tom Matzon
Phone ..316-682-6240

PURCHASER Koch Oil Company

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
.8/5/85.... 8/19/85..... 9/19/85.....
Spud Date Date Reached TD Completion Date

.4229!..... .3938!
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at332.7..... feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set ...1637...1640..... feet

If alternate 2 completion, cement circulated
from ...1638..... feet depth to surface... w/...450. SX cmt

API NO. 15 - 063-20,951-00-00
County Gove
NW NW NE Sec 20 Twp 15S Rge 28 West

4890... Ft North from Southeast Corner of Section
2250... Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

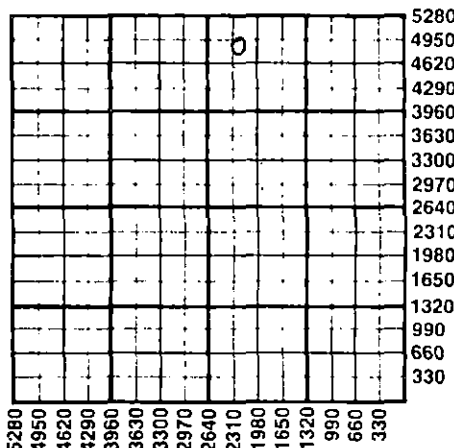
Lease Name Ziegenbalg Well# 1

Field Name Ziegenbalg, North Extension

Producing Formation Lansing/Kansas City

Elevation: Ground 2426! KB 2431!

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #

Groundwater... 2590... Ft North From Southeast Corner and
(Well) 550... Ft. West From Southeast Corner of
Sec 17 Twp 15S Rge 28 East West

Surface Water... Ft North From Southeast Corner and
(Stream, Pond etc.)... 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 # CD-128,214 (C-21,617)

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
Wayne L. Brinegar
Title President Date 10/7/85

Subscribed and sworn to before me this 7th day of October 19 85

Notary Public Pamela S. Leonard
Date Commission Expires 9/14/87 Pamela S. Leonard



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)

RECEIVED
STATE CORPORATION COMMISSION
Form ACO-1 (7-84)

OCT 8 1985
10-8-85
CONSERVATION DIVISION
Wichita, Kansas

Sec. 20 Twp. 15S Rge. 28

Operator Name ..K.&.E.Drilling.,.Inc..... Lease Name Ziegenbalg. Well# 1... SEC.20... TWP..15S.RGE.28..... 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 (3610' - 3446') (Lansing "D" zone)

45/60/45/60
 Rec. 30' MW, 750' W (Cl. 64,000; Mud 7,000) FP's: 50# - 233#/274# - 376#. SIP's: 1134#/1125#. HSP 1899#/1799#. BHT 126°. Pipe strap @ 3646' was 2.36' short to board. Correction not made.

Name	Top	Bottom
Anhydrite	1846'	+585'
B/Anhydrite	1880'	+551'
Heebner	3552'	-1121'
Lansing	3590'	-1159'
Stark Shale	3843'	-1412'
B/KC	3912'	-1481'
Pawnee	4019'	-1588'
Ft. Scott	4100'	-1669'
Cher. Shale	4125'	-1694'
Miss. Dolo.	4205'	-1774'
T.D.	4231'	-1800'

DST #2 (3667' - 3685') (Lansing "E" zone)

45/60/45/60
 Rec. 600' GO (80% Oil, 20% G) 60' OCM (20% O, 80% M) 37° gravity. FP's: 50# - 182#/223# - 274#. SIP's: 1025#/936#. HSP's: 1839#/1829#. BHT 122°.

DST #3 (3745' - 3788') (Lansing "H" zone)

30/30/30
 Rec. 30' Mud w/few spks. oil. FP's: 50# - 50#/50# - 50#. SIP's: 1035#/946#. HSP's: 1898#/1878#. BHT 124°.

DST #4 (3786' - 3815') (Lansing "I" zone)

45/60/75/90
 Rec. 5' OCWM (10% O, 80% M, 10% W) 70' WM (10% W, 90% M); FP's: 50# - 50#/60# - 60#. CL 24,000, Mud 8,000. SIP's: 1015#/1015#. HSP's: 1888#/1869#. BHT 122°.

DST #5 (3816' - 3845') (Lansing "J" zone)

45/60/45/60
 Rec. 30' M w/slight oil scum, 540' wtr. (Cl. 55,000, Mud: 8,000) FP's: 50# - 203#/233# - 294#. SIP's: 426#/416#. HSP's: 1928#/1918#. BHT 124°.

DST #6 (3840' - 3857') (Lansing "K" zone)

45/60/45/60
 Rec. 300' GIP, 40' oil 39°, 120' SOCM (2% O, 98% M) 600' wtr. w/scum oil (Cl 42,000 Mud 8,000) FP's: 60# - 233#/274# - 335#. SIP's: 886#/876#. HSP's: 1918#/1908#. BHT 133°.

CASING RECORD <input type="checkbox"/> new <input type="checkbox"/> used HSP's: 1918#/1908#. BHT 133°.							
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
.. Conductor.....	17. 1/2"	13 3/8"	68	131.08'	common	165	3% C.C., 2% ge
.. Production....	7. 7/8"	4. 1/2"	10.5	3998.74'	common	200	1:7#-D-29/sx:..
.. Surface.....	12. 1/4"	8. 5/8"	20	332.70'	common	220	4# gils:/sx:.. 3% C.C., 2% ge

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	3677' - 3682'		
4	3887' - 3889' and 3891' - 3897'	750 gal. MCA and 2,000 gal 15% AOG	3887' - 3897'

TUBING RECORD size 2" set at 3935' packer at None	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First Production 9/19/85	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)
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Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	20 Bbls	Nil MCF	80 Bbls	N.A. CFPB	38

Disposition of gas: vented sold used on lease
 METHOD OF COMPLETION open hole perforation other (specify) ..
 PRODUCTION INTERVAL
 3677' - 3682'
 3887' - 3897' O.A.
 Dually Completed.
 Commingled

K & E Drilling, Inc.

Ziegenbalg #1

Section 20-15S-R28W

DST #7 (3875' - 3898') (Lansing "L" zone)

45/60/45/60

Rec. 60' MCO (50% O, 50% M) 120' OCM (35% O, 65% M) FP's: 40# - 50#/71# - 81#. SIP's: 597#/567. HSP's: 1938#/1918#. BHT 132°.

DST #8 (3909' - 3946') (Marmaton)

30/30/30/30

Rec. 5' Mud. FP's: 40# - 40#/40# - 40#. SIP's: 50#/50#. HSP's: 1958#/1950#. BHT 124°.

DST #9 (3962' - 4045') (Pawnee)

30/30/30/30

Rec. 10' Mud. FP's: 71# - 71#/81# - 91#. SIP's: 162#/121#. HSP's: 2017#/2007#. BHT 126°.

DST #10 (4080' - 4129') (Fort Scott)

30/30/30/30

Rec. 5' Mud. FP's: 50# - 50#/50# - 50#. SIP's: 50#/50#. HSP's: 2047#/2037#. BHT 128°.

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STATE CORPORATION COMMISSION

OCT 8 1985

CONSERVATION DIVISION
Wichita, Kansas