

SIDE ONE

AFFIDAVIT OF COMPLETION FORM

11/8/82
KCC
Ird
19-13-9E
(REV) ACO-1

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 Pendleton Land and Exploration, Inc. API NO. 15-197-20,130

ADDRESS 23 Inverness Way East COUNTY Wabaunsee

Englewood, CO 80112 FIELD wildcat

**CONTACT PERSON Lee Brian VanRamshorst PROD. FORMATION -----

PHONE 303/773-1776 LEASE Zimmerman

PURCHASER ----- WELL NO. 1 (one)

ADDRESS ----- WELL LOCATION SW SW NW

DRILLING EDCO Drilling Company 330 Ft. from W Line and

CONTRACTOR ----- 2310 Ft. from N Line of

ADDRESS P. O. Box 645 the NW 1/4 SEC. 19 TWP. 13S RGE. 9E

El Dorado, KS 67042

PLUGGING same as drilling contractor WELL PLAT

CONTRACTOR ----- KCC

ADDRESS ----- KGS
(Office Use)

TOTAL DEPTH 3457' PBTD -----

SPUD DATE 11/20/81 DATE COMPLETED 1/08/82

ELEV: GR 1317' DF ----- KB 1322'

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

Amount of surface pipe set and cemented 311' DV Tool Used? no

A F F I D A V I T

STATE OF Colorado, COUNTY OF Arapahoe SS, I, -----

Lee Brian VanRamshorst OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS Manager of Operations (FOR)(OF) Pendleton Land and Exploration, Inc.

OPERATOR OF THE Zimmerman 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 8th DAY OF January, 19 82, AND THAT

ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT

State Geological Survey
WICHITA BRANCH

ELECTRIC LOG
CONFIDENTIAL

DRILLERS LOG

WELL PLAT

Date: 10 JAN 1983
FROM CONFIDENTIAL

SIDE TWO

WELL LOG

19-13-92

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
DST #1/3300-3335/30"51"55"90". Rec 1380' MW, C1 36,000 ppm. IHP 1713, IFP 112-320, ISIP 1207, FHP 1655, FFP 387-652, FSIP 1204.			Log tops:	
			Lansing	1462 (- 140)
			BKC	1816 (- 494)
			Marmaton	1853 (- 531)
			Cherokee	1960 (- 638)
			Hunton	2957 (-1635)
			Maquoketa	3137 (-1815)
			Viola	3217 (-1895)
			Simpson Sd	3329 (-2007)
			Arbuckle	3409 (-2087)
			LTD	3455 (-2132)
DST #2/3220-3330/60"60"120"90". Rec 2500' SW. IHP 1676, IFP 550-1102, ISIP 1107. FHP 1661, FFP 1107-1107, FSIP 1107.				
DST #3/2961-3017/30"45"30"69". Rec 2100' MSW. IHP 1525, IFP 700-1054, ISIP 1059. FHP 1456, FFP 1059-1075, FSIP 1075.			Logs run:	
			CNL-FDC	
			DIL	
			BHC/GR	

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"	20#	311'	common	200	3% CaCl

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

DRILLER'S LOG

19-13-9E

COMPANY: Pendleton Land and Exploration, Inc.

SEC. 19 T. 13S R. 9E

LOC. SW SW NW

WELL NAME: Zimmerman #1

COUNTY: Wabaunsee

RIG NO.: EDCO Rig #6

TOTAL DEPTH: 3457'

ELEVATION: 1317' GR, 1372' KB

COMMENCED: 12/22/81

COMPLETED: 1/08/82

CASING RECORD:

SURFACE: 8 5/8" 20# @ 311' w/ 200 sx common, 3% CaCl

PRODUCTION: none

State Geologist Survey
WICHITA, KANSAS

LOG

(Figures indicate bottom of formations)

Open Hole	210		
Cement	305		
Shale	539		
Wabaunsee Shale	656		
Red Bed Clay	694		
Red Bed Clay	717		
Shale w/ lime streaks	1025		
Shale w/ lime streaks	1251		
Wabaunsee Lime	1314		
Shale w/ lime streaks	1346		
Lime w/ shale streaks	1480		
Lansing	1564		
Lansing	1695		
Kansas City	1808	Kinderhook	2972
Lime	1921	Hunton	2983
Lime	1959	Hunton	3018
Shale breaks	1972	Hunton	3173
Lime	1988	Maquoketa Sh	3218
Lime	2096	Viola	3234
Lime w/ shale streaks	2241	Viola	3316
Lime w/ shale streaks	2378	Viola	3328
Lime w/ shale streaks	2525	Simpson	3335
Kinderhook	2662	Simpson	3340
Shale w/ lime mixed	2700	Simpson	3406
Lime and shale	2819	Arbuckle TD	3457
Lime and shale mixed	2945		

STATE OF Colorado)

COUNTY OF Arapahoe)

I, Lee Brian VanRamshorst of Pendleton Land and Exploration, Inc.

upon oath state that the above and foregoing is a true and correct copy of the

log of the Zimmerman #1 well.

Lee Brian VanRamshorst