

SIDE ONE

AFFIDAVIT OF COMPLETION FOR State Geological Survey (REV) ACO-1

3-35-15W
Jill

WICHITA BRANCH

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 Resources Investment Corporation

API NO. 15-007-21231

ADDRESS Suite 3500, 555 Seventeenth St.

COUNTY Barber

Denver, Colorado 80202

FIELD Aetna

**CONTACT PERSON Dan Hall

PROD. FORMATION Mississippian

PHONE (303) 825-3328 x471

LEASE Z-Bar Cattle Co.

PURCHASER Permian Corporation

WELL NO. 1-3

ADDRESS P. O. Box 1183

WELL LOCATION SE 1/4 NE 1/4

Houston, Texas 77001

DRILLING CONTRACTOR Rains & Williamson Oil Co., Inc.

660 Ft. from East Line and

ADDRESS 435 Page Court Bldg., 220 W. Douglas

660 Ft. from South Line of

Wichita, Kansas 67202

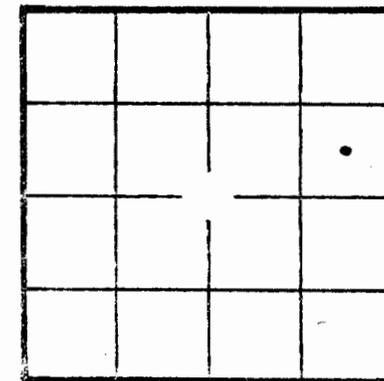
the NE 1/4 SEC. 3 TWP. 35S RGE. 15W

WELL PLAT

PLUGGING N/A

CONTRACTOR

ADDRESS



KCC
KGS
(Office Use)

TOTAL DEPTH 5018' PBTD 5012'

SPUD DATE 9-2-81 DATE COMPLETED 1-22-82

ELEV: GR 1532' DF _____ KB 1541'

DRILLED WITH (~~CABLE~~) (ROTARY) (~~ATK~~) TOOLS

Amount of surface pipe set and cemented 568' DV Tool Used? No

A F F I D A V I T

STATE OF Colorado, COUNTY OF Denver SS, I,

Dan W. Hall OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS Senior Production Engineer (FOR)(OF) Resources Investment Corp.

OPERATOR OF THE Z-Bar Cattle Co. #1-3 LEASE, AND IS DULY AUTHORIZED TO MAKE

THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 1-3 ON

SAID LEASE HAS BEEN COMPLETED AS OF THE 22nd DAY OF January, 19 82, AND THAT

RECEIVED

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

SIDE TWO

WELL LOG

3-35-15w

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
No cores or DST's run				
Shale	0	3855	DI-SFL	573-5004 ELM
Lime & Shale	3856	4180		
Shale & Lime	4181	4360	CNL-FDC-GR	573-5012 ELM
Lime	4361	4799		
Lime & Shale	4800	5000	CBL	3550-4960 ELM

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used		Depth interval treated
Acidized with 2500 gallons MSR-100 + 1000 scf/bbl Nitrogen		4905-4922
Fraced with 40,000 gallons 70% foam + 42,000# 20-40 sand + 8000# 10-20 sand		4905-4922
Date of first production 1-22-82	Producing method (flowing, pumping, gas lift, etc.) Pumping	Gravity 37°
RATE OF PRODUCTION PER 24 HOURS	Oil 26 bbls.	Gas estimated 24 MCF
	Water 41 % 11 bbls.	Gas-oil ratio 923 CFPB
Disposition of gas (vented, used on lease or sold) Used as lease fuel		Perforations 4905-4922'

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 csg	12 1/2"	8 5/8"	24#	568'	Class H	200 +150	2% gel, 3% CC 3% CC
Production csg	7 7/8"	4 1/2"	10.5#	5012'	50-50 Poz	125	2% gel, 18% salt 3/4% CFR-2, 12 1/2" gilsonite w/2% KCL water

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD			2	Jet type	4905-4912' 4917-4922'
Size 2 3/8"	Setting depth 4937'	Packer set at None			

3-35-15W

DRILLER'S LOG

COMPANY: Resources Investment Corporation

SEC. 3 T. 35S R. 15W

WELL NAME: Z-Bar Cattle Co. #1-3

LOC. C SE NE

COUNTY: Barber

RIG NO. #3

TOTAL DEPTH 5000'

ELEVATION

COMMENCED: 9-2-81

COMPLETED: 9-12-81

CONTRACTOR: Rains & Williamson Oil Co., Inc.

CASING RECORD:

SURFACE: 8 5/8" @ 568' w/200 sx. Class H, 2% gel, 3% cc. and 150 sx. Class H, 3% cc.

PRODUCTION: 4 1/2" @ 5012' w/125 sx. 50/50 poz., 2% gel, 18% salt, 3/4 of 1% CFR2, 12 1/2# gilsonite, 2% KCL water.

LOG

(Figures Indicate Bottom of Formations)

Shale	3855
Lime & Shale	4180
Shale & Lime	4360
Lime	4799
Lime & Shale	5000
<u>ROTARY TOTAL DEPTH</u>	<u>5000</u>

State Geological Survey
WICHITA, BRANCH

STATE OF Kansas)

COUNTY OF Sedgwick)

SS:

I, Wilson Rains, President of Rains & Williamson Oil Co., Inc.

STATE OF KANSAS
STATE CORPORATION COMMISSION - CONSERVATION DIVISION

3-35-15W FORM 4-2

245 North Water
Wichita, Kansas 67202

DATA AND AFFIDAVIT

(On Cementing in Surface or Drive Pipe and required by Rule 82-2-123 of the Commission for compliance with Section 55-136, 55-137 and 55-138, 1947 Supplement to G. S. Kansas 1935)

LEASE OWNER Resources Investment Corporation

OFFICE ADDRESS 800 B West Wall - Drawer 550, Midland, Texas 79702

LEASE NAME Z-Bar Cattle Co. WELL NO. #1-3 COUNTY Barber

EXACT SPOT LOCATION C SE NE SEC. 3 TWP. 35S RGE. 15 (W) (S)

CONTRACTOR Rains & Williamson Oil Co., Inc.

OFFICE ADDRESS 435 Page Court, 220 W. Douglas, Wichita, Kansas 67202

Drilled with (~~Cable~~) or (Rotary) tools: Date pipe set 9-2-81

SURFACE HOLE DATA

SURFACE PIPE DATA

Size of Hole 12 1/4" Csg. (new) or (~~used~~) Size 8 5/8" Wt. 24#

Depth 603' Where set 568'

METHOD OF CEMENTING

Cement: Amount and kind 200 sx. Class H, 2% gel, 3% cc. and 150 sx. Class H, 3% cc.

Method: (By Service Co., Dump, Tog., etc.) Service Co.

Est. Height Cement behind pipe Cement circulated

GROUND WATER INFORMATION

Depth to bottom of lowest fresh water producing stratum State Geological Survey WICHITA BRANCH

Name of lowest fresh water producing stratum _____

Surface elevation of well _____

ADDITIONAL INFORMATION

(Additional information may be submitted on separate sheet)

A F F I D A V I T

STATE OF Kansas, COUNTY OF Sedgwick SS,

I, Wilson Rains, President, of the Rains & Williamson Oil Company, Inc. being first duly sworn on oath, state: That I have knowledge of the facts, statements and matters herein contained and that the same are true and correct.