

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, OWO, 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
ADDRESS Suite 3500, 555 Seventeenth St.
Denver, Colorado 80202

API NO. 15-007-21232-0000
COUNTY Barber
FIELD Aetna

**CONTACT PERSON Dan Hall
PHONE (303) 825-3328 x471

PROD. FORMATION Mississippian
LEASE Z-Bar Cattle Co.

PURCHASER Permian Corporation
ADDRESS P. O. Box 1183
Houston, Texas 77001

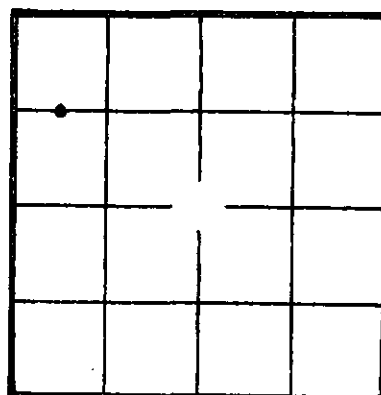
WELL NO. 1-4
WELL LOCATION 1/2 W 1/2 NW 1/4

DRILLING Rains & Williamson Oil Co., Inc.
CONTRACTOR
ADDRESS 435 Page Court Bldg., 220 W. Douglas
Wichita, Kansas 67202

1320 Ft. from North Line and
660 Ft. from West Line of
the NW 1/4 SEC. 4 TWP. 34S RGE. 14W

PLUGGING N/A
CONTRACTOR
ADDRESS

WELL PLAT



KCC
KGS
(Office Use)

TOTAL DEPTH 4850' PBD 4850'
SPUD DATE 10-12-81 DATE COMPLETED 12-22-81
ELEV: GR 1650' DF 1658' KB 1659'
DRILLED WITH (CABLE) (ROTARY) (XIN) TOOLS

Amount of surface pipe set and cemented 573' DV Tool Used? NO

AFFIDAVIT

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. #1-4 LEASE, AND IS DULY AUTHORIZED TO MAKE THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 1-4 ON SAID LEASE HAS BEEN COMPLETED AS OF THE 22nd DAY OF December, 19 81, AND THAT

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

FURTHER AFFIANT SWORN.

SUBSCRIBED AND SWORN BEFORE ME THIS 24th DAY OF March, 19 82.

Handwritten signature of Dan W. Hall and Notary Public Stephanie Lynn Huntington.

MY COMMISSION EXPIRES: My Commission Expires Dec. 16, 1984

NOTARY PUBLIC

555 - 17th ST. SUITE 3500
DENVER, COLORADO 80202

**The person who can be reached by phone regarding any questions 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
STATE CORPORATION
MAR 29 1982
3-29-82
GENERAL INVESTMENT DIVISION

SIDE TWO

WELL LOG

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
No DST's or cores run				
Shale	0	1480	DIL	566-4848' ELM
Lime & Shale	1481	2098	CDL/CNL	595-4846' ELM
Shale	2099	3130		
Lime & Shale	3131	3280		
Shale & Lime	3281	3448		
Shale	3449	3590		
Shale & Lime	3591	3725		
Lime & Shale	3726	4220		
Lime	4221	4485		
Lime & Shale	4486	4530		
Lime	4531	4672		
Lime & Shale	4673	4796		
Lime	4797	4850		

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	Socks	Type and percent additives
Surface Casing	12 3/4"	8 5/8"	24#	573'	Class H	400	4% gel, 3% CC
Prod. Casing	7 7/8"	4 1/2"	10#	4850'	50-50 Poz	125	2% gel, 18% salt, 3/4% colite

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	Jet type	4669-4689

Size	Setting depth	Packer set at
2 3/8"	4712'	N/A

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated			
Acidized with 2500 gallons 15% MSR-100 acid	4669-89'			
Fraced with 40,000 gallons 70% foam + 42,000# 20-40 sand + 8000# 10-20 sand				
Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity		
2-17-82	Pumping	N/A		
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	15 bbls.	Not measured MCF	55 % 18 bbls.	-
Disposition of gas (vented, used on lease or sold)	Perforations			
Used as lease fuel	4669-4689'			