KANSAS

20-34-14W

WELL COMPLETION REPORT AND DRILLER'S LOG

API No. 15 — 007 (County) — 21,079 (Number)

S. 20 T. 34 R. 14 E/W

Loc. SE/4 NW/4 NW/4

County Barber

State Geological Survey WICHITA, BRANCH

Operator: Texas West Oil & Gas Corporation

Address: 1480 Midland National Bank Tower

Well No.	Lease Name
1-20	Z-Bar Ranch

Footage Location: 1000 feet from (N) (S) line 1000 feet from (E) (W) line

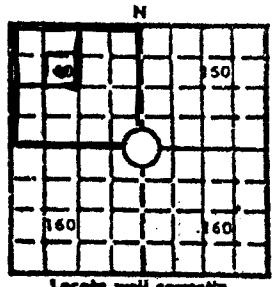
Principal Contractor	Geologist
Dunne-Gardner Petroleum Incorporated	Ed Sander

Spud Date	Date Completed	Total Depth	P.B.T.D.
03/10/81	04/10/81	4820'	

Directional Deviation:

Oil and/or Gas Purchaser: Cities Service Gas Company

640 Acres N



Locate well correctly

Elev.: Gr. 1566' DF 1577' KB 1578'

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

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	12¼"	8-5/8"	23#	867'	Halli-lite Common Cmt	225 200	3% $CaCl_2$
Production	7-7/8"	4½"	10.5#	4819.41'	50/50 Poz	520	2% Gel + 10% Salt .75% CFR_2

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

	Setting depth	Packer set at
2 3/8"	4723'	

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
1	0.41"	4744-61

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 Gals 7½% MCA; 26,000 gals Foam Frac w/359,000 SCF of	4744-61
Nitrogen & 190 bbls gelled 2% KCL wtr w/10,000# 20-40 Sand;	
tail-ended w/5000# 10-20 Sand.	

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
04/10/81	Flowing

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	ZERO bbls.	2463 MCF	NONE bbls.	CFPB

Disposition of gas (vented, used on lease or sold): Vented (SI WOPL Conn.)

Producing interval(s): 4744-61'

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

C-10-1972

WH-1E-05

Operator		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1-20	Lease Name Z-Bar Ranch	GAS
S 20 T 34S R 14 W		

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
Sand & Shale	0'	882'	Stone Corral Anhaydrite	1380'
Shale	882'	1563'	Ninnesacah Shale	1395'
Shale w/Lime Streaks	1563'	1805'	Wellington Shale	1560'
Lime & Shale	1805'	3455'	Chase Group	2075'
Lime	3455'	3580'	Herrington Limestone	2085'
Lime & Shale	3580'	3855'	Krider Limestone	2120'
Lime	3855'	4820' TD	Windfield Limestone	2155'
			KC Limestone	4475'
			Mississippian	4730'

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

Alice Sandell
Signature

Office Manager
Title

5 May 1981
Date