

*as Geologists*

WICHITA BRAND

WELL COMPLETION REPORT AND  
DRILLER'S LOG

KANSAS

15-007-20720  
3-35-15WAPI No. 15 — 007 — 20720  
County Number

## Operator

Texas Oil &amp; Gas Corp.

## Address

200 West Douglas, Suite 300, Wichita, KS 67202

## Well No.

#2

## Lease Name

Z-Bar Cattle Co.

## Footage Location

2130 feet from (N) (S) line

810 feet from (E) (W) line

## Principal Contractor

Slawson Drilling Co.

## Geologist

Bill Clark

## Spud Date

2-20-79

## Date Completed

5-23-79

## Total Depth

4990'

## P.B.T.D.

4843'

## Directional Deviation

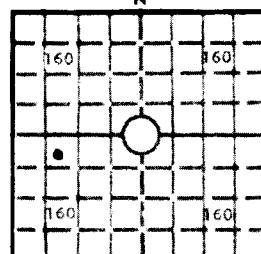
not directionally drilled

## Oil and/or Gas Purchaser

Shut-In

640 Acres

N



Locate well correctly

1642'

Elev.: Gr.

DF \_\_\_\_\_ kB 1648'

## 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		8-5/8"	28#	406'	lite common	200 200	
Production		4-1/2"	10.5#	4978'	Class "A"	100	10% NaCl, 3/4% CFR-2 12# gal/sx

## LINER RECORD

## PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
N/A	N/A	N/A	1	4 1/2"	4940-44'

## TUBING RECORD

1 4 1/2" 4950-58'

Size	Setting depth	Packer set at	
2-3/8"	4955'	N/A	

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used			Depth interval treated
250 gal acetic acid, 2000 gal 15% HCL			4940-44' & 4950-58'
Frac w/9,600 gal & 40,000# sand			4940-44' & 4950-58'

## INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)				
8-30-79		flowing				
RATE OF PRODUCTION PER 24 HOURS	Oil N/A	Gas bbis.	250	Water MCF	none	Gas-oil ratio bbis.

Disposition of gas (vented, used on lease or sold)

Producing interval(s)

Cities Service

4940-44' &amp; 4950-58'

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.

## Operator

Texas Oil &amp; Gas Corp.

DESIGNATE TYPE OF COMP.: OIL, GAS,  
DRY HOLE, SWDW, ETC.

## Well No.

## Lease Name

#2

Z-Bar Cattle Co.

gas

S 3 T 35 R 15 E  
W

## WELL LOG

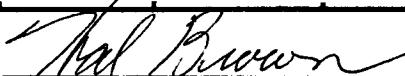
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN,  
OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Herington	2190	-542		
Winfield	2257	-609		
Towanda	2332	-684		
Fort Riley	2388	-740		
Wreford	2523	-875		
Bader	2622	-974		
Cottonwood	2740	-1092		
Onaga sh	3068	-1420		
Wabaunsee	3123	-1475		
Howard	3368	-1720		
Topeka	3430	-1782		
Heebner	4064	-2416		
Douglas	4096	-2448		
Lansing	4261	-2613		
Swope	4693	-3045		
Mississippi	4948	-3300		
TD	4990			
PBTD	4843			
DST #1, 4684-4722' (Swope) w/results as follows:				
IFP/30": 39-117#, wk inc to str blow				
ISIP/60": 1857#				
FFP/45": 196-275#, wk inc to str blow				
FSIP/90": 1847#				
Rec: 465' muddy water				

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

Date Received



HAROLD A. BROWN Signature

District Exploration Manager

Title

July 25, 1979

Date

2-32-128

3-35-15W

DRILLERS LOG*Aplicat*

OPERATOR: Texas Oil & Gas Corp.  
 200 W. Douglas, 300 O.W. Garvey Building  
 Wichita, Kansas 67202

LEASE: Z-Bar Cattle Co. No.2  
 NE NW SW Sec.3-35S-15W  
 Barber County, Kansas

CONTRACTOR: Slawson Drilling Company, Inc.  
 200 Douglas Building  
 Wichita, Kansas 67202

COMMENCED: 2/20/79

COMPLETED: 3/4/79

RTD: 4990'

CASING: 8-5/8" set at 406' with 500 sx cement

OIL STRING: 4-1/2" set at 4978' with 100 sacks cement

0' to 412' (12 $\frac{1}{4}$ " Surface Hole, Clay, Sand Shale)  
 412' to 445' Shale  
 412' to 1906' Shale  
 1906' to 2049' Shale & Lime  
 2049' to 2195' Lime with Shale  
 2195' to 2580' Shale & Lime  
 2580' to 2780' Lime & Shale  
 2780' to 3165' Shale & Lime  
 3165' to 3450' Lime & Shale  
 3450' to 3870' Shale & Lime  
 3870' to 4215' Lime & Shale  
 4215' to 4250' Shale & Lime  
 4250' to 4600' Lime & Shale  
 4600' to 4990' Lime  
 4990' Miss. & RTD

STATE OF KANSAS

COUNTY OF SEDGWICK

I, Jim Thatcher, of the Slawson Drilling Company, Inc., hereby state that the above is an accurate copy of the Texas Oil & Gas Corp. log for the Z-Bar Cattle Co. No. 2 well.

*Jim Thatcher*  
 Jim Thatcher, Engineer