IMPORTANT
Kans. Geo. Survey request samples on this well.

KANSAS DRILLERS LOG

API No. 15 — 193 — 20,199
County — Number

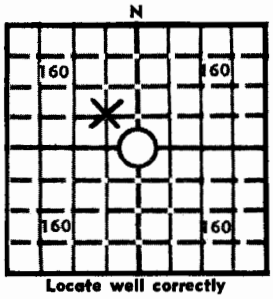
State Geological Survey
WICHITA BRANCH

S. 33 T. 8 R. 36 E/W

Loc. C SE NW

County Thomas

640 Acres
N



Locate well correctly

Elev.: Gr. 3,400'

DF _____ KB 3,407'

Operator: Abraxas Petroleum Corp.	
Address: P. O. Box 17485 San Antonio, Texas 78217	
Well No.: #2	Lease Name: Studer "B"
Footage Location: 1980 feet from (N) ~~X~~ line	1980 feet from ~~X~~ (W) line
Principal Contractor: Rains & Williamson	Geologist: Robert Watson
Spud Date: 4-23-80	Total Depth: 4,770' / P.B.T.D.: 4,725'
Date Completed: 5-30-80	Oil Purchaser: Koch Oil Co.

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	12-1/4	8-5/8	20	285	50-50 Pos	200	3% $CaCl_2$, 2% Gel
Production	7-7/8	4-1/2	9.5	4,769	60-40 Pos	250	2% Gel, 18% Salt

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8	4,707	None

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
4 SPF	.41"	4,688-98

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 Gal MCA	4,688-98

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
5-27-80	Pumping

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	143 bbls.	TSTM MCF	1 bbls.	TSTM CFPB

Disposition of gas (vented, used on lease or sold)	Producing interval(s)
Vented	Cherokee

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, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. 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

Operator		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Abraxas Petroleum Corporation		
Well No. B-1	Lease Name Studer B-1	Oil
S 33 T 8 R 36 ~~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
SEE ATTACHED				

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

Date Received	
	Robert L. G. Watson Signature
	Robert L. G. Watson, President Title
	June 2, 1980 Date

5T932

DRILLER'S LOG

COMPANY: Abraxas Petroleum

SEC. 33 T. 8S R. 36W

LOC. C SE NW

WELL NAME: Studer "B" #2

COUNTY: Thomas

RIG NO. #1

TOTAL DEPTH 4770'

ELEVATION

COMMENCED: 4-23-80 COMPLETED: 5-2-80

CONTRACTOR: Rains & Williamson Oil Co., Inc.

CASING RECORD:

SURFACE: 8 5/8" @ 290' w/200 sx. 50/50 poz., 2% gel, 3% cc.

PRODUCTION: 4 1/2" @ 4765' w/250 sx. 60/40 poz., 2% gel, 18% salt.

LOG

(Figures Indicate Bottom of Formations)

Shale & Sand	2575
Shale	3060
Shale & Redbed	3408
Shale	3940
Lime & Shale	4690
Lime	4700
Lime & Shale	4770
ROTARY TOTAL DEPTH	4770

33-8-36W

CO-1

AFFIDAVIT TO ESTABLISH TEMPORARY PRODUCTIVITY

This form must be filed in duplicate within five days after completion of the well:

Two copies to State Corporation Commission, **Conservation Division**
245 North Water, Wichita, Kansas 67202

. . . . . .

OPERATOR ABRAXAS PETROLEUM CORP. LOCATION OF WELL:

LEASE STUDER B 1980 Ft. from North line.

WELL NUMBER 2 1980 Ft. from West line.

PURCHASER Koch Oil Co. OF THE ____ OF SEC. 33 TWP. 8 RGE. 36W

COUNTY Thomas

FIELD Studer PRODUCING FORMATION Cherokee

Total Depth 4,770' Top Prod. Form. 4,688'

Acid; Date 5-13-80 Prod. Perfs. 4,688-98

Amount 500 Gal. Prod. Perfs. ____

PRODUCTION TEST

Date 5-30-80 How Produced Pump

Oil Produced 143 Bbl. Length of Test 24 Hours,

A F F I D A V I T

STATE OF TEXAS)
) SS
COUNTY OF BEXAR)

ROBERT L. G. WATSON of lawful age, being first duly sworn upon his oath, deposes and says:

That he is President for ABRAXAS PETROLEUM CORPORATION, Operator of the Studer B Lease, and is duly authorized to make this affidavit for and on behalf of said operator, that Well No. 2 on said lease has been completed and was capable of producing twenty-five barrels of oil per day as of the 27th day of May, 19 80, and that all information entered herein with respect to said well is true and correct.

33-8-36W

FORM C-2

STATE OF KANSAS
STATE CORPORATION COMMISSION - CONSERVATION DIVISION
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 Abraxas Petroleum

OFFICE ADDRESS Box 17485, 1100 N.E. Loop 410, San Antonio, Texas

LEASE NAME Studer "B" WELL NO. #2 COUNTY Thomas

EXACT SPOT LOCATION C SE NW SEC. 33 TWP. 8S RGE. 36 (W) ~~(E)~~

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 4-23-80

SURFACE HOLE DATA

Size of Hole 12¼"

Depth 290'

SURFACE PIPE DATA

Csg. (new) or (~~used~~) Size 8 5/8" Wt. 20#

Where set 290'

METHOD OF CEMENTING

Cement: Amount and kind 200 sx. 50/50 poz., 2% gel, 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

Name of lowest fresh water producing stratum

Surface elevation of well

ADDITIONAL INFORMATION

(Additional information may be submitted on separate sheet)