

State Geological Survey

WICHITA BRANCH

15-083-20529

KANSAS DRILLERS LOG

API No. 15 — 083 County — 20,527 Number

Operator
Sidwell Oil & Gas Company

Address
P. O. Box 2475 Pampa, Texas 79065

Well No. #1 Lease Name Querbach

Footage Location
660 feet from (N) (S) line 510 feet from (W) line

Principal Contractor D N B Drilling Co. Geologist Kenneth W. Johnson

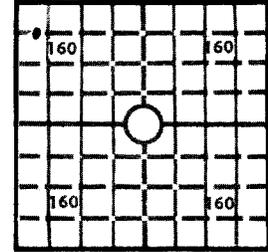
Spud Date 5-4-77 Total Depth 4438' P.B.T.D. 4404'

Date Completed 5-27-77 Oil Purchaser Hurricane Trading, Inc.

S. 10 T. 23 R. 22 E. W
Loc. 150' W C-NW NW

County Hodgeman

640 Acres
N



Locate well correctly

Elev.: Gr. 2193'

DF 2195' KB 2198'

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 1/2"	8 5/8"	28#	1019'	50/50 posmix common Cement	250 sx	2% Gel, 3% CC
Production		4 1/2"		4433'	60/40 posmix	175 sx	

LINER RECORD

Top, ft. NONE	Bottom, ft.	Sacks cement
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PERFORATION RECORD

Shots per ft. NONE	Size & type	Depth interval 4433'-4438'
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TUBING RECORD

Size 2 3/8 EUE	Setting depth 4427'	Packer set at None
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5 ft. of open hole

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used NONE	Depth interval treated

INITIAL PRODUCTION

Date of first production 6-27-77	Producing method (flowing, pumping, gas lift, etc.) Pumping		
RATE OF PRODUCTION PER 24 HOURS	Oil 19 bbls.	Gas None	Water 1 bbls.
	MCF		CFPB
Disposition of gas (vented, used on lease or sold) Non-applicable		Producing interval (s) 4433' - 4438'	

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.

operator

SIDWELL OIL AND GAS, INC.

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

Well No. 1

Lease Name Querbach

Oil

S 10 T 23 R 22 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
Anhydrite	1310'			
Heebner	3751'			
Lansing	3819'			
Base K.C.	4183			
Marmaton	4192'			
Pawnee	4261'			
Ft. Scott	4346'			
Cherokee	4371'			
Warsaw	4417'			
Osage (Correlative)	4428'			
Osage Porosity	4438'			

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

Date Received

[Signature]
Signature

Secretary
Title

July 25, 1977
Date

15-083-20529
10-23-22W

State Geological Survey
WICHITA BRANCH

DRILLERS' LOG

SIDWELL OIL & GAS, INC.
No. 1 Querbach
NW NW, Sec. 10-23S-22W
Hodgeman County, Kansas

Elev: 2198 K.B.

Commenced: 5-4-77
Completed: 5-14-77

Surface Casing: 1011' of
8-5/8" cemented w/250 sx
50-50 Posmix, 250 sx common
cement, 2% Gel, 3% cc.
5-5-77

FORMATION

DEPTH

Surface Hole Soils	0 - 45
Rock Sand & Shale	45 - 681
Blaine Anhydrite	681 - 694
Shale, Red Bed & Sand	694 - 760
Shale & Red Bed	760 - 772
Sand	772 - 921
Sand & Red Bed	921 - 1019
Red Bed	1019 - 1310
Anhydrite	1310 - 1345
Shale	1345 - 2270
Shale & Lime	2270 - 2690
Lime & Shale	2690 - 3095
Shale & Lime	3095 - 3300
Lime & Shale	3300 - 3865
Lime	3865 - 4438 RTD

I do hereby certify that the foregoing statements are true and correct to the best of my knowledge and belief.

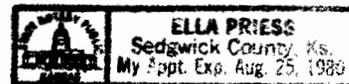
D N B DRILLING, INC.

James L. Donelson
JAMES L. DONELSON

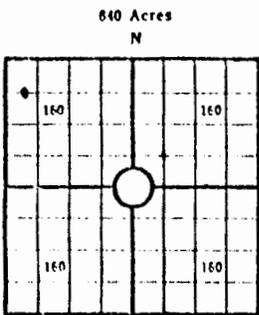
STATE OF KANSAS: ss:

Subscribed and sworn to before me this 19th day of May, 1977.

Ella Priess
Ella Priess, Notary Public



10-23-22W



Lease Name: Querbach Well No. 1
 Well Located: 150' West C NW NW
 SEC 10 TWP 23 RGE 22W
 Operator: Sidwell Oil and Gas, Inc.
 Address: Box 2475, Pampa, TX 79065
 Elevation: Ground 2193' D.F. 2195' K.B. 2198'
 Type Well: (Oil, gas, dry hole) Oil

Drilling Commenced: 5-4-77 19 77 Drilling Completed: 5-14 19 77
 Well Completed: 5-27 19 77 Total Depth 4438'
 Initial Production: Osage

Casing Record

Size: 8 5/8" Set at 1019' Size: _____ Set at _____
 Size: 4 1/2" Set at 4433' Size: _____ Set at _____

Liner Record

Size: None Set from _____ To _____

Cementing

<u>Casing Size</u>	<u>Sacks</u>	<u>Type Cement and Additives</u>
<u>8 5/8"</u>	<u>250 sx</u>	<u>50/50 Posmix 2% Gel, 3% cc</u>
<u>4 1/2"</u>	<u>250 sx</u>	<u>common cement</u>
	<u>175 sx</u>	<u>60/40 posmix</u>

Perforations

<u>Formation</u>	<u>Perforated Interval and Number Shots</u>
<u>Osage</u>	<u>4433'-4438' 5 foot of open hole</u>
_____	_____
_____	_____
_____	_____

Electric Log Run (Show type log and depths covered)

Petro: - Log Radiation Guard Log Surface to Total Depth

(Fill in formation and related information on reverse side)

10-33-57M

Show Drill Stem Tests,
Well Stimulation and
Production Tests

Formation Top Bottom

1310'
3751'
3819'
4183'
4192'
4261'
4346'
4371'
4417'
4428'
Osage porosity

Anhydrite
Heebner
Lansing
Base K.C.
Marmaton
Pawnee
Ft. Scott
Cherokee
Warsaw
Osage (Correlative)

DST #1 (4213' - 4225')
Mis-run

DST #2 (4428' - 4438')
30" - 60" 30" - 60" - weak flow, died @ 5" into se
second flow, flushed once. No blow. Recovered
30' mud w/specks oil.
IFP 35#-35#
ISIP 1401#
FFP 35#-44#
FSIP 1383#
Temp. 122 degrees
Hydro. 2345#-2291#