

KANSAS

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

State Geological Survey  
WICHITA, KANSAS  
S. 5 T. 9S R. 36 W

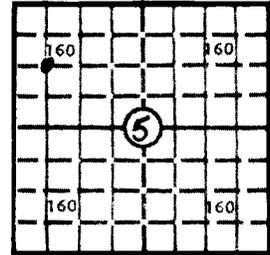
**WELL COMPLETION REPORT AND  
DRILLER'S LOG**

API No. 15 — 193 — 20,216  
County Number

Loc. CW/2 NW/4

County Thomas

640 Acres  
N



Locate well correctly  
Elev.: Gr. 3420'

DF 3421' KB 3427'

Operator Abraxas Petroleum Corporation			
Address P.O. Box 17485, San Antonio, Texas 78217			
Well No. 1	Lease Name Palmgren "B"		
Footage Location 1320 feet from (N) <del>XXI</del> line 660 feet from (E) <del>XXI</del> line			
Principal Contractor Rains & Williamson Oil Co.	Geologist Glenn Tracey		
Spud Date 12-2-81	Date Completed 1-13-81	Total Depth 4800'	P.B.T.D. 875'
Directional Deviation 1/2 @ 4764'	Oil and/or Gas Purchaser		

**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	280'	50/50 poz.	200	2% Gel 3% Calcium Chloride
Production	7-7/8	2-7/8	6.5	753'	60/40 poz.	180	2% Gel 18% Salt

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
<b>TUBING RECORD</b>					
Size 2-7/8 casing	Setting depth	Packer set at	4	0.41"	665-667 684-698

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated

**INITIAL PRODUCTION**

Date of first production Shut in gas well	Producing method (flowing, pumping, gas lift, etc.) Shut in flowing gas well			
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)		Producing interval (s) 665-67 & 684-698 Niobrara		

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 trans- mitted 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 Abraxas Petroleum Corporation		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1	Lease Name Palmgren "B"	Gas (Shut-in)
S 5 T 9S 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
No drillstem tests run.				

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

Date Received	<p><i>Walter C. Quinn</i> Signature</p> <p>Walter C. Quinn Title</p> <p>February 16, 1981 Date</p>
---------------	--

82850

DRILLER'S LOG

COMPANY: Abraxas Petroleum Corporation

SEC. 5 T. 9S R. 36W

LOC. W/2 NW/4

WELL NAME: Palmgren "B" #1

COUNTY: Thomas

RIG NO. #1

TOTAL DEPTH 4800'

ELEVATION

COMMENCED: 12-2-80

COMPLETED: 12-13-80

CONTRACTOR: Rains & Williamson Oil Co., Inc.

CASING RECORD:

SURFACE: 8 5/8" @ 283' w/200 sx. 50/50 poz., 2% gel, 3% cc.

PRODUCTION: 25 jts. 2 7/8" casing. Set @ 753.17' w/180 sx. 60/40 poz.,  
2% gel, 18% salt, .025% CFR2.

LOG

(Figures Indicate Bottom of Formations)

Shale & Sand	631
Shale	1455
Shale & Sand	2807
Shale & Lime	3355
Shale	3570
Shale & Lime	4800
<u>ROTARY TOTAL DEPTH</u>	<u>4800</u>

STATE OF Kansas )

COUNTY OF Sedgwick )

SS: