

KANSAS DRILLERS LOG

State Geological Survey

API No. 15 — 163

WICHITA BRANCH

County

Number

Operator

Petroleum Management, Inc.

Address

400 N. Woodlawn, Suite 201, Wichita, KS 67208

Well No.

#1

Lease Name

Wallgren

Footage Location

990

feet from (N) ☒ line

330

feet from (E) ☒ line

Principal Contractor

Pioneer Drilling Co.

Geologist

W. C. Petersen

Spud Date

12/20/80

Total Depth

3488'

P.B.T.D.

3250'

Date Completed

12/28/80

Oil Purchaser

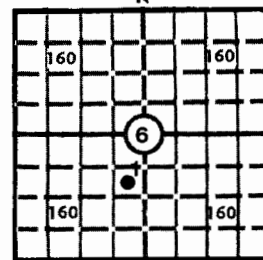
Cities Service Company

S. 6 T. 6 R. 20 ^KW

Loc. C SE NE SW

County Rooks

640 Acres
N



Locate well correctly

Elev.: Gr. 2098'

DF 2101' KB 2103'

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 Casing	12 1/4"	8 5/8"	28#	220.92'	Common	100	2% gel 3% cc
Prod. Casing	7 7/8"	4 1/2"	9.5#	3484'	Hal-lite & Thixotropic	35 125	-----

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
					3226-30'
					3310-14'
					3328-30'
					3385-89'

TUBING RECORD

Size	Setting depth	Packer set at
2"	3245'	-----

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1250 15% NE 250 MCA	3310-14' 3328-30'
250 MCA 750 15% NE	3385-89'

RECEIVED

STATE CORPORATION COMMISSION

INITIAL PRODUCTION 1 9 1981

Date of first production

2/14/81

Producing method (flowing, pumping, gas lift, etc.)

Pumping CONSERVATION DIVISION

RATE OF PRODUCTION
PER 24 HOURS

Oil

27.19

Gas

Wichita, Kansas

MCF

.55

Gas-oil ratio

bbls.

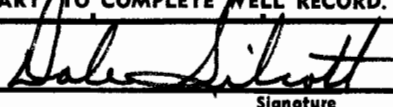
CFPB

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

Producing interval(s)

3226-30

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 Petroleum Management, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil		
Well No. 1	Lease Name Wallgren			
S 6 T 6 R 20 ^{NE} W				
WELL LOG			SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
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.				
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Sand & clay	0	929	Topeka	3000 - 897
Shale & Sand	929	1300	Oread	3152 - 1049
Shale & Sand	1300	1593	Heebner	3204 - 1101
Anhydrite	1593	1622	Toronto	3225 - 1122
	1622	1850	Lansing-KC	3242 - 1139
Shale & Sand	1850	1870	Base KC	3434 - 1331
Shale & Sand	1870	2081	Marmaton	3472 - 1369
Shale & Sand	2081	2120	RTD	3485 - 1382
Shales	2120	2480		
Shales	2480	2592		
Shales	2592	2622		
Shales	2622	2661		
Shale & Lime	2661	2711		
Shale & Lime	2711	2841		
Shale & Lime	2841	2942		
Lime & Shale	2942	3134		
Lime & Shale	3134	3207		
Lime & Shale	3207	3233		
Lime & Shale	3233	3354		
Lime & Shale	3354	3485		
Lime & Shale	3485	3485		
	RTD	3485		
USE ADDITIONAL SHEETS, IF NECESSARY TO COMPLETE WELL RECORD.				
Date Received	 Signature Vice President Title 8-17-81 Date			

6-9-90m

State Geological Survey
WICHITA, BRANCHW E L L L O GOPERATOR: Petroleum Management, Inc.WELL NAME: Wallgren #1 LOCATION: C SW/4 NE/4 SW/4 6-6S-20WCOUNTY: Rooks STATE: KansasWELL COMMENCED: December 19, 1980 WELL COMPLETED: December 28, 1980ELEVATION: 2098' G.R. TOTAL DEPTH: 3485'PRODUCTION: Oil RIG NO: #3

CASING - 8 5/8": 220.92' of used 28# cemented with 100 sxs common 2% gel 3% cc cement circ

4 1/2" ~~XXXXXX~~ tallied 3497.24', set @ 3484' of 9.5# cemented with 35 sxs Hal-light,
125 sxs Thixotropic PD @ 12:50 A.M. 89 Jts. (14 old, 75 new)

ALL MEASUREMENTS TAKEN FROM THE TOP OF ROTARY BUSHING:

FROM	TO	FORMATION	DEVIATION FROM VERTICAL	REMARKS:
0'	929'	sand and clay		
929'	1300'	shale and sand		
1300'	1593'	shale and sand		
1593'	1622'	Anhydrite		
1622'	1850'			
1850'	1870'	shale and sand	1870' - 2 degrees	
1870'	2081'	shale and sand		
2081'	2120'	shale and sand		
2120'	2480'	shales		
2480'	2592'	shales		
2592'	2622'	shales		
2622'	2661'	shales		
2661'	2711'	shale and lime	2711' - 1 degree	
2711'	2841'	shale and lime		
2841'	2942'	shale and lime		
2942'	3134'	lime and shale		
3134'	3207'	lime and shale		
3207'	3233'	lime and shale		
3233'	3354'	lime and shale		
3354'	3485'	lime and shale	3485' - 1 degree	
3485'	3485'	lime and shale		
3485'	RTD			

DEC 31 1980
WICHITA, KANSAS