

12-33-66 #4 PI  
Gard

This form shall be filed in duplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on side one will be of public record and side two will then be held confidential.

Circle one: (Oil) Gas, Dry, SWD, OWWO, Injection. Type and complete ALL sections. Applications must be filed for dual completion, commingling, SWD and injection, T.A.

Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). KCC # (316) 263-3238. (Rules 82-2-105 & 82-2-125)

5012 OPERATOR Martec Petroleum & Energy Corp.

ADDRESS P. O. Box 644  
Winfield, KS 67156

\*\*CONTACT PERSON Edwin E. Christensen

PHONE 316-221-2081  
PURCHASER Farmland Industries

ADDRESS P. O. Box 7405  
Kansas City, Mo. 64116

DRILLING Anthes Drilling Co. (Resources)  
CONTRACTOR  
ADDRESS P. O. Box 730  
Wichita, KS 67201

PLUGGING  
CONTRACTOR  
ADDRESS

TOTAL DEPTH 4175 Driller  
4170 log PBSD 2150'

SPUD DATE 2/25/82 DATE COMPLETED 4/13/82

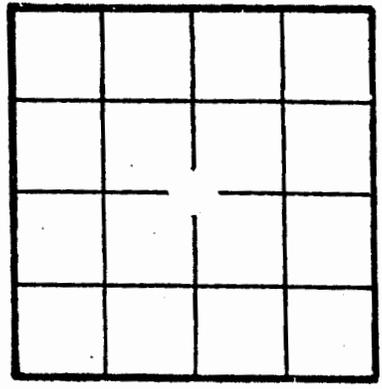
ELEV: GR 1173.8' DF KB 1178'

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS

Amount of surface pipe set and cemented 200' DV Tool Used?

API NO. 15-035-23,071  
COUNTY Cowley  
FIELD No. Dexter  
PROD. FORMATION  
LEASE Gordon  
WELL NO. 4  
WELL LOCATION 330' F/W.L., 120; F.N.L.  
Nw, SE.  
Ft. from Line and  
Ft. from Line of  
the SEC. 12 TWP. 33S RGE. 6E

WELL PLAT



KCC  
KGS   
(Office Use)

State Geological Survey  
WICHITA BRANCH

AFFIDAVIT

STATE OF Kansas, COUNTY OF Cowley SS, I,

Edwin E. Christensen OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,  
DEPOSES THAT HE IS Vice President (FOR)(OF) Martec Petroleum & Energy  
OPERATOR OF THE Gordon LEASE, AND IS DULY AUTHORIZED TO MAKE  
THIS AFFIDAVIT FOR AND ON THE BEHALF. OF SAID OPERATOR, THAT WELL NO. 4 ON  
SAID LEASE HAS BEEN COMPLETED AS OF THE 13 DAY OF April, 19 82, AND THAT

ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT

**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
Formation	2226		De. 62m	
Atan lm.	1478		- 300	
Stalnakar sd.	1418 - 1601		- 340	
Lansing lm.	1704		- 526	
Upper Layton sd.	1906 - 1972		- 728	
Lower Layton sd.	2024 - 2050		- 846	
Kansas City lm.	2062		- 884	
Todds Creek sd.	2082 - 2142		- 904	
Base Kansas City lm.	2191		-1013	
Peru sd.	2250 - 2268		-1072	
Altimont lm.	2316		-1138	
Pawnee lm.	2390		-1212	
Ft. Scott lm.	2426		-1250	
Cherokee sh.	2434		-1280	
Cartlesville sa.	2544 - 2670		-1466	
Mississippi conglomerate	2718		-1540	
Mississippi chat	2728		-1550	
Mississippi cherty lm.	2742		-1564	
Arbuckle lm.	3129		-1951	
Granite wash	4048		-2870	
Granite solid	4161		-2983	
Total Depth	4170		-2992	

State Geological Survey  
WICHITA BRANCH

The following zones be tested through perforations at the following intervals:

- |                        |             |          |
|------------------------|-------------|----------|
| 1. Mississippi chat    | 2728 - 2732 | SW = 36% |
| 2. Cartlesville sand   | 2644 - 2646 | SW = 18% |
| "                    " | 2650 - 2654 | SW = 53% |
| "                    " | 2662 - 2670 | SW = 47% |
| 3. Ft. Scott lime      | 2432 - 2436 | SW = 50% |
| 4. Pawnee lime         | 2400 - 2404 | SW = 41% |
| 5. Altimont lime       | 2316 - 2320 | SW = 59% |
| 6. Peru sand           | 2252 - 2257 | SW = 61% |

Laserlog water saturations are somewhat higher in most zones.

**Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (Used)**

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Secks	Type and percent additives

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Secks cement	Shots per ft.	Size & type	Depth interval

**TUBING RECORD**

Size	Setting depth	Factor set at

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

Amount and kind of material used      Depth interval treated