

KANSAS

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

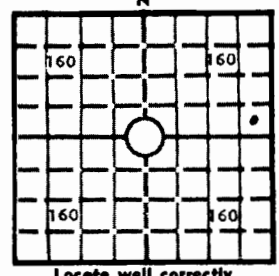
*State Geological Survey*  
WICHITA BRANCH

S. 10 T. 13S R. 10 E  
W

Loc. SE SE NE

County Wabaunsee

640 Acres  
N



Locate well correctly  
Elev.: Gr. 1239'

DF 1241' KB 1243'

API No. 15 — 197 — 20,122  
County Number

Operator  
Pendleton Land and Exploration, Inc.

Address  
23 Inverness Way East, Englewood, CO 80112

Well No. 2 Lease Name Horigan

Footage Location  
2310 feet from (N) (X) line 330 feet from (E) (W) line

Principal Contractor Silverado Drilling Geologist Dave Flinn

Spud Date 7/29/81 Date Completed 8/19/81 Total Depth 3148 P.B.T.D. - - -

Directional Deviation - - - 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           | 10 3/4"           | 8 5/8"                    | 24#            | 330'          | common      | 150   | 2% salt                    |
|                   |                   |                           |                |               |             |       |                            |
|                   |                   |                           |                |               |             |       |                            |
|                   |                   |                           |                |               |             |       |                            |

**LINER RECORD**

**PERFORATION RECORD**

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|----------------|
|          |             |              |               |             |                |
|          |             |              |               |             |                |
|          |             |              |               |             |                |

**TUBING RECORD**

| Size | Setting depth | Packer set at |
|------|---------------|---------------|
|      |               |               |
|      |               |               |

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

| Amount and kind of material used | Depth interval treated  |
|----------------------------------|---|
| Plugged: @ 300' w/ 35 sx         | <div style="border: 2px solid black; padding: 5px; text-align: center;"> <p><b>RELEASED</b></p> <p>Date: AUG 1 1982</p> <p>FROM CONFIDENTIAL</p> </div> |
| @ 40' w/ 35 sx                   |   |
| 5 sx in rat hole                 |   |

**INITIAL PRODUCTION**

| Date of first production | Producing method (flowing, pumping, gas lift, etc.) |
|--------------------------|---|
|                          |   |

| RATE OF PRODUCTION PER 24 HOURS | Oil | Gas | Water | Gas-oil ratio |
|---------------------------------|-----|-----|-------|---------------|
|                                 |     |     |       |               |

Disposition of gas (vented, used on lease or sold) \_\_\_\_\_ Producing interval(s) \_\_\_\_\_

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, 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

Pendleton Land and Exploration, Inc.

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

Well No.

2

Lease Name

Horigan

dry hole

S 10 T 13S R 10 E

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  |
|---|-----|--------|--|--|
| DST #1 3072-3116/Viola/30°45'60"93"<br>Rec 625' DM. IHP 1525, IFP 78-296,<br>ISIP 1085, FHP 1488, FFP 309-328,<br>FSIP 1040, BHT 108°.    |     |        | E-log tops:<br>Lansing<br>BKC<br>Cherokee<br>Miss<br>Kinderhook<br>Hunton<br>Mq<br>Viola | 1374 (- 131)<br>1736 (- 493)<br>1952 (- 709)<br>2348 (-1105)<br>2675 (-1432)<br>2864 (-1621)<br>3038 (-1785)<br>3118 (-1875) |
| DST #2 3097-3117/Viola/30°42'55"96".<br>Rec 325' mud. IHP 1546, IFP 89-101,<br>ISIP 7137, FHP 1529, FFP 158-164,<br>FSIP 1063, BHT 113°F. |     |        | Logs run:<br>CDL/BCN<br>BHC Sonic<br>SP-IN   |  |
| DST #3 3097-3118/Viola/30°45'60"93"<br>Rec 120' mud, 420' MW.<br>IHP 1546, IFP 87-169, ISIP 1056,<br>FHP 1515, FFP 203-286, FSIP 1053.    |     |        |  |  |

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

Date Received

*Lee Brian VanRamshorst*

Lee Brian VanRamshorst  
Manager of Operations

Title

9/8/81

Date

10-13-108