

WICHITA BRANCH  
WELL COMPLETION REPORT AND  
DRILLER'S LOGAPI No. 15 — 121 — 20,921  
County NumberS. 14 T. 16 R. 21 E  
Loc. 780' FNL & 800' FWL SE  
County Miami SE NW NE

Operator

P &amp; W Oil

Address

5987 Miller Street Arvada, Co. 80004

Well No.

PW 3

Lease Name

South Cone

Footage Location

780 4510 FSL: 1596 EEL . 800  
feet from (N) line feet from (W) line

Principal Contractor

Wellsville Development

Geologist

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Spud Date

6/11/79

Date Completed

6/13/79

Total Depth

680'

P.B.T.D.

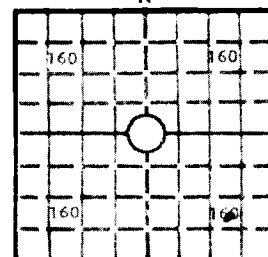
Directional Deviation

Oil and/or Gas Purchaser

Town Oil

640 Acres

N



Locate well correctly

Elev.: Gr. \_\_\_\_\_

DF \_\_\_\_\_ KB \_\_\_\_\_

## CASING RECORD

Report of oil 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           | 8-1/8             | 6-1/4                     | 17#            | 25            | Neet        | 1     |                            |
| production        | 5-1/4             | 2-3/8                     | 3.75           | 664           | Portland A  | 80    | 2% gel                     |
|                   |                   |                           |                |               |             |       |                            |
|                   |                   |                           |                |               |             |       |                            |

## LINER RECORD

## PERFORATION RECORD

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

| Size  | Setting depth | Packer set at |
|-------|---------------|---------------|
| 2-3/8 | 664           | 664           |

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
| 20 sx 12-30 sand                 | 664-671                |
| 35 sx 10-20 sand                 |                        |
| 100 # water gel                  |                        |

## INITIAL PRODUCTION

|                                                    |                                                          |
|----------------------------------------------------|----------------------------------------------------------|
| Date of first production                           | Producing method (flowing, pumping, gas lift, etc.)      |
| July 10, 1979                                      | pumping                                                  |
| RATE OF PRODUCTION PER 24 HOURS                    | Oil 3 bbls. Gas 0 MCF Water 0 bbls. Gas-oil ratio 0 CFPB |
| Disposition of gas (vented, used on lease or sold) | Producing interval (s)                                   |
| n.a.                                               | 664-671                                                  |

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                                                                                                                                                                                                                               |                                                                                                    | DESIGNATE TYPE OF COMP.: OIL, GAS,<br>DRY HOLE, SWDW, ETC.:             |      |       |
| Well No.                                                                                                                                                                                                                               | Lease Name                                                                                         |                                                                         |      |       |
| S _____ T _____ R _____ E _____ W                                                                                                                                                                                                      |                                                                                                    |                                                                         |      |       |
| <b>WELL LOG</b><br>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,<br>OR OTHER DESCRIPTIVE INFORMATION. |      |       |
| FORMATION DESCRIPTION, CONTENTS, ETC.                                                                                                                                                                                                  | TOP                                                                                                | BOTTOM                                                                  | NAME | DEPTH |
| <div>USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.</div>                                                                                                                                                               |                                                                                                    |                                                                         |      |       |
| Date Received                                                                                                                                                                                                                          | <div>Signature: <u>Max H. Tedman</u></div> <div>Title: _____</div> <div>Date: <u>10/9/79</u></div> |                                                                         |      |       |

14-16-21E

Farm - South Cone

Contractor - Wellsville Development, Inc

County -

Drilling Started -

Well - PW 3

Drilling Completed -

Lease Owner - P&W

Permanent Casing

| <u>Size</u>    | <u>Amount</u>      | <u>Condition</u> | <u>Cement</u> |
|----------------|--------------------|------------------|---------------|
| <u>Strata</u>  | <u>Total Depth</u> |                  |               |
| Soil & Clay    | 5                  |                  |               |
| Lime           | 11                 |                  |               |
| Slate          | 18                 |                  |               |
| Lime           | 27                 |                  |               |
| Shale          | 35                 |                  |               |
| Lime           | 46                 |                  |               |
| Shale          | 57                 |                  |               |
| Lime           | 69                 |                  |               |
| Shale & Shells | 171                |                  |               |
| Lime           | 178                |                  |               |
| Shale & Shells | 182                |                  |               |
| Lime           | 188                |                  |               |
| Shale          | 195                |                  |               |
| Lime           | 230                |                  |               |
| Shale          | 254                |                  |               |
| Lime           | 262                |                  |               |
| Shale          | 277                |                  |               |
| Lime           | 286                |                  |               |
| Shale          | 297                |                  |               |
| Lime           | 310                |                  |               |
| Shale          | 318                |                  |               |
| Lime           | 333                |                  |               |
| Shale          | 343                |                  |               |
| Lime           | 351                |                  |               |
| Shale & Shells | 360                |                  |               |
| Lime Shells    | 365                |                  |               |
| Shale          | 506                |                  |               |
| Lime           | 519                |                  |               |
| Shale & Shells | 528                |                  |               |
| Lime           | 536                |                  |               |
| Shale          | 546                |                  |               |
| Lime           | 559                |                  |               |
| Shale          | 574                |                  |               |
| Lime           | 590                |                  |               |
| Shale          | 595                |                  |               |
| Lime           | 598                |                  |               |
| Shale          | 613                |                  |               |
| Lime           | 620                |                  |               |
| Shale          | 632                |                  |               |
| Lime           | 647                |                  |               |
| Shale          | 659                |                  |               |
| Lime & Shells  | 664                |                  |               |
| Oil sand       | 671                |                  |               |
| Shale          | 680                | T.D.             |               |