

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 6807  
Name Oil Drillers & Dev.  
Address 901 Garfield  
City/State/Zip Topeka, KS 66606

Purchaser PennTech Gas Co

Operator Contact Person Jack Simpson  
Phone 913-755-3344

Contractor: License # 3417  
Name Simpson Drilling

Wellsite Geologist  
Phone

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply et

If OWMO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

..3/8/88.. ..3/11/88.. ..3/11/88..  
Spud Date Date Reached TD Completion Date  
..950!.....  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 40 feet  
Multiple Stage Cementing Collar Used? Yes  No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated  
from.....feet depth to.....w/.....SX cmt  
Cement Company Name  
Invoice #

API NO. 15-059-24316

County Franklin

NW SE SW Sec. 5.. Twp. 16.. Rge. 20.. East West  
1650 NE SE SE - 1620 FSL 330 FEL  
2310 Ft North from Southeast Corner of Section  
Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

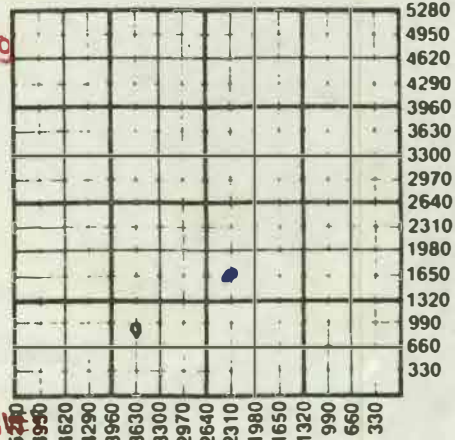
Lease Name Raymond Mock Well # 1

Field Name In-field

Producing Formation Bartlesville

Elevation: Ground KB

Section Plat



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CONSERVATION DIVISION  
Wichita, Kansas

KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #

Groundwater.....Ft North from Southeast Corner  
(Well) .....Ft West from Southeast Corner of  
Sec Twp Rge East West

Surface Water.....Ft North from Southeast Corner  
(Stream, pond etc).....Ft West from Southeast Corner  
Sec Twp Rge East West

Other (explain).....  
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply.  
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.  
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Robert A. N. B. only

Title Pumpjack Date 12-20-88

Subscribed and sworn to before me this 20th day of Dec 1988

Notary Public Debra Bialley

Date Commission Expires 10/14/92



K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Drillers Timelog Received  
Distribution  
KCC SWD/Rep NGPA  
 KGS  Plug  Other  
(Specify)

Sec. 5, Twp. 16 Rge. 20 E

SIDE TWO

Operator Name Oil Drillers & Dev. Lease Name Raymond Mock Well # 1

Sec. 5 Twp. 16 Rge. 20  East  West County Franklin

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

| Name           | Top  | Bottom |
|----------------|------|--------|
| Hertha         | 429' | 431'   |
| Ft. Scott Lime | 679' | 684'   |
| Sandy Shale    | 684' | 695'   |
| Sand           | 695' | 704'   |
| Shale          | 704' | 742'   |
| Sand           | 742' | 751'   |
| Shale          | 751' | 810'   |
| Sandy Shale    | 810' | 820'   |
| Sandy          | 820' | 898'   |
| Shale          | 898' | 950'   |

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used |                   |                           |                |               |                |             |                            |
|---|-------------------|---------------------------|----------------|---------------|----------------|-------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc.           |                   |                           |                |               |                |             |                            |
| Purpose of String   | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs/Ft. | Setting Depth | Type of Cement | #Sacks Used | Type and Percent Additives |
| Surface   | 9 1/8"            | 7"                        |                | 40'           |                |             |                            |
| Comp.   | 6 1/4"            | 4 1/2"                    |                | 938'          | DWC            | 110         |                            |

| PERFORATION RECORD |   | Acid, Fracture, Shot, Cement Squeeze Record |       |
|--------------------|---|---|-------|
| Shots Per Foot     | Specify Footage of Each Interval Perforated | (Amount and Kind of Material Used)          | Depth |
|                    | 810 - 812                                   | 2' Shot                                     | 812   |
|                    | 742 - 744                                   | 2' Shot + Fracked                           | 744   |
|                    | 695 - 697                                   | 2' Shot                                     |       |

| TUBING RECORD |        |           |  |
|---------------|--------|-----------|--|
| Size          | Set At | Packer at | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No |
|               |        |           |  |

| Date of First Production          | Producing Method  |            |       |               |
|-----------------------------------|---|------------|-------|---------------|
|                                   | <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)..... |            |       |               |
| Estimated Production Per 24 Hours | Oil   | Gas        | Water | Gas-Oil Ratio |
|                                   | Bbls  | 1 MCF      | 30    |               |
|                                   |   | 10,000 MCF | Bbls  | CFPB          |

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Sold  Used on Lease  
 Open Hole  Perforation  Other (Specify) .....  
 Dually Completed  Commingled

5-16-20E

SHEET LOG

WELL NO. 1  
FARM Raymond Mock  
STATE Kans. COUNTY Franklin  
SECTION 5 TOWNSHIP 16 RANGE 20 E  
WELL OWNER Oil Drillers & Dev.

SPUD DATE 3/8/88  
COMPLETION DATE 3/11/88  
DRILLER'S NAME Simpson Drilling  
DRILLER'S NAME \_\_\_\_\_  
A.P.P. NO. 15-059-24316

| THICKNESS OF STRATA | FORMATION      | TOTAL DEPTH | THICKNESS OF STRATA | FORMATION      | TOTAL DEPTH |
|---------------------|----------------|-------------|---------------------|----------------|-------------|
| 11'                 | Topsoil & Clay | 11'         | 32'                 | Shale          | 463'        |
| 33'                 | Shale          | 44'         | 17'                 | Sandy Shale    | 480'        |
| 3'                  | Lime           | 47'         | 117'                | Shale          | 597'        |
| 4'                  | Shale          | 51'         | 11'                 | Lime           | 608'        |
| 18'                 | Lime           | 69'         | 5'                  | Shale          | 613'        |
| 6'                  | Shale          | 75'         | 5'                  | Lime           | 618'        |
| 12'                 | Lime           | 87'         | 5'                  | Shale          | 623'        |
| 3'                  | Shale          | 90'         | 4'                  | Lime           | 627'        |
| 20'                 | Lime           | 110'        | 2'                  | Shale          | 629'        |
| 31'                 | Shale          | 141'        | 5'                  | Lime           | 634'        |
| 22'                 | Lime           | 163'        | 3'                  | Shale          | 637'        |
| 77'                 | Shale          | 240'        | 7'                  | Lime           | 643'        |
| 23'                 | Lime           | 263'        | 5'                  | Shale          | 648'        |
| 16'                 | Shale          | 279'        | 5'                  | Lime           | 653'        |
| 8'                  | Lime           | 287'        | 6'                  | Shale          | 659'        |
| 31'                 | Shale          | 318'        | 2'                  | Lime           | 661'        |
| 11'                 | Lime           | 329'        | 2'                  | Shale          | 663'        |
| 4'                  | Shale          | 333'        | 3'                  | Lime           | 666'        |
| 3'                  | Lime           | 336'        | 13'                 | Shale          | 679'        |
| 14'                 | Shale          | 350'        | 5'                  | Ft. Scott Lime | 684'        |
| 9'                  | Lime           | 359'        | 11'                 | Sandy Shale    | 695'        |
| 4'                  | Shale          | 363'        | 9'                  | Sand           | 704'        |
| 4'                  | Lime           | 367'        | 38'                 | Shale          | 742'        |
| 3'                  | Shale          | 370'        | 9'                  | Sand           | 751'        |
| 8'                  | Lime           | 378'        | 59'                 | Shale          | 810'        |
| 8'                  | Shale          | 386'        | 10'                 | Sandy Shale    | 820'        |
| 24'                 | Lime           | 410'        | 12'                 | Sandy          | 898'        |
| 3'                  | Shale          | 413'        | 52'                 | Shale          | 950'        |
| 5'                  | Lime           | 417'        |                     |                |             |
| 3'                  | Shale          | 420'        |                     |                |             |
| 4'                  | Lime           | 424'        |                     |                |             |
| 5'                  | Shale          | 429'        |                     |                |             |
| 2'                  | Lime           | 431'        |                     |                |             |

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TD 950'  
Set 40' of 7"  
Set 938' of 4 1/2"