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

API NO. 15- 091-21,087

County JOHNSON

NW SW SE . Sec. 22 Twp. 14 Rge. 22 X E W

(SW NW SE per footages KGS)

1417 Feet from (S)/N (circle one) Line of Section

2470 Feet from (E)/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, (NW) or SW (circle one)

Lease Name LEEKER Well # 17

Field Name GARDNER

Producing Formation bartlesville

Elevation: Ground _____ KB _____

Total Depth 900' PBTD _____

Amount of Surface Pipe Set and Cemented at 20 Feet

Multiple Stage Cementing Collar Used? _____ Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 891'

feet depth to surface w/ 116 sx cmt.

Drilling Fluid Management Plan ALT 2 JH 9-1-95
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite:

Operator Name _____

Lease Name _____ License No. _____

_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

Operator: License # 6540

Name: JACK W. SANDERS

Address 4303 SHAWNEE TERRACE

City/State/Zip WELLSVILLE, KS 66092

Purchaser: SQUARE DEAL

Operator Contact Person: JACK W. SANDERS

Phone (913) 883-2384

Contractor: Name: TOWN OIL COMPANY

License: 6142

Wellsite Geologist: NONE

Designate Type of Completion
X New Well ____ Re-Entry ____ Workover

X Oil ____ SWD ____ SIOW ____ Temp. Abd.
____ Gas ____ ENHR ____ SIGW
____ Dry ____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

____ Deepening ____ Re-perf. ____ Conv. to Inj/SWD
____ Plug Back _____ PBTD
____ Commingled Docket No. _____
____ Dual Completion Docket No. _____
____ Other (SWD or Inj?) Docket No. _____

9/15/83 Spud Date
9/21/83 Date Reached TD
10/19/83 Completion Date

RECEIVED
STATE CORPORATION COMMISSION
AUG 2 1995
CONSERVATION DIVISION

COPY

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 Jack W Sanders

Title Owner Date 8/28/95

Subscribed and sworn to before me this 28 day of August, 19 95.

Notary Public Kay Caruthers

Date Commission Expires 5-30-99

NOTARY PUBLIC - State of Kansas
KAY CARUTHERS
My Appt.Exp. 5-30-99

K.C.C. OFFICE USE ONLY
F ____ Letter of Confidentiality Attached
C ✓ Wireline Log Received
C ____ Geologist Report Received

Distribution
✓ KCC ____ SWD/Rep ____ NGPA
✓ KGS ____ Plug ____ Other (Specify)

IS

Form ACO-1 (7-91)

SIDE TWO

Operator Name JACK W. SANDERS

Lease Name LEEKER

Well # 17

Sec. 22 Twp. 14 Rge. 22 ☒ East ☐ West

County JOHNSON

331344

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 (Attach Additional Sheets.) ☐ Yes ☒ No

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☒ Yes ☐ No

Electric Log Run (Submit Copy.) ☒ Yes ☐ No

List All E.Logs Run: GAMMA RAY/NEUTRON

☒ Log Formation (Top), Depth and Datums ☐ Sample

| Name | Top | Datum |
|---|---|---|
| BARTLESVILLE | 837 | |

CASING RECORD ☐ New ☐ 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 Percen. Additives |
|---|---|---|---|---|---|---|---|
| SURFACE | | 6 1/4 | | 20 | COMMON | 5 | |
| PRODUCTION | | 4 1/2 | | 891 | PORTLAND | 116 | PREM GEL |
| | | | | | | | |

ADDITIONAL CEMENTING/SQUEEZE RECORD

| Purpose: | Depth Top | Depth Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
|---|---|---|---|---|---|
| ___ Perforate<br>___ Protect Casing<br>___ Plug Back TD<br>___ Plug Off Zone | | | | | |
| | | | | | |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|---|---|---|---|
| 12 shots | 854-865 | | |
| | | | |
| | | | |
| | | | |

TUBING RECORD Size 2 3/8" Set At Packer At Liner Run ☐ Yes ☒ No

Date of First, Resumed Production, SWD or Inj. Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|---|---|---|---|---|---|
| | 2 | | 10 | | |

Disposition of Gas: METHOD OF COMPLETION Production Interval

☒ Vented ☐ Sold ☐ Used on Lease (If vented, submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 854'-865'

☐ Other (Specify) _____

22-14-22e

ORIGINAL

WELL LOG
LEEKER WELL # 17

| THICKNESS | FORMATION | TOTAL DEPTH |
|---|---|---|
| 0-23 | SOIL & CLAY | 23 |
| 12 | SHALE | 35 |
| 5 | LIME | 40 |
| 8 | SHALE | 48 |
| 16 | LIME | 64 |
| 8 | SHALE | 72 |
| 9 | LIME | 81 |
| 9 | SHALE | 90 |
| 18 | LIME | 108 |
| 20 | SHALE | 128 |
| 14 | LIME | 142 |
| 6 | SHALE | 148 |
| 53 | LIME | 201 |
| 24 | SHALE | 225 |
| 8 | LIME | 233 |
| 18 | SHALE | 251 |
| 7 | LIME | 258 |
| 9 | SHALE | 267 |
| 9 | Lime | 276 |
| 33 | SHALE | 309 |
| 2 | LIME SHELL | 311 |
| 9 | SHALE | 320 |
| 25 | LIME | 345 |
| 7 | SHALE & SLATE | 352 |
| 24 | LIME | 376 |
| 4 | SHALE | 380 |
| 4 | LIME | 384 |
| 4 | SHALE | 388 |
| 7 | LIME | 395 |
| 6 | SHALED SLATE | 401 |
| 4 | SAND | 405 |
| 16 | SANDY SHALE | 421 |
| 3 | SAND | 424 |
| 6 | SHALE | 430 |
| 5 | SAND | 435 |
| 21 | SHALE | 456 |
| 9 | SAND | 465 |
| 43 | SHALE | 508 |
| 10 | SAND | 518 |
| 10 | SANDY SHALE | 528 |
| 39 | SHALE | 567 |
| 5 | SANDY LIME | 572 |
| 2 | SHALE | 574 |
| 3 | LIME | 577 |
| 8 | SHALE | 585 |
| 5 | LIME | 590 |
| 5 | SAND | 595 |
| 12 | SHALE | 607 |
| 3 | LIME | 610 |
| 8 | SHALED SLATE | 618 |
| 11 | LIME SHELL | 629 |

031399

ORIGINAL

WELL LOG
LEEKER WELL # 17

| THICKNESS | FORMATION | TOTAL DEPTH |
|---|---|---|
| 14 | SHALE RED BUD | 643 |
| 10 | SHALE | 653 |
| 6 | SAND | 659 |
| 6 | SHELL & SHALE | 665 |
| 14 | SAND | 679 |
| 54 | SHALE | 733 |
| 9 | SAND | 742 |
| 11 | SANDY SHALE | 753 |
| 10 | SHALE & SLATE | 763 |
| 3 | LIME | 766 |
| 5 | SHALE & SLATE | 771 |
| 1 | LIME | 772 |
| 6 | SAND | 778 |
| 6 | SHALE DK | 784 |
| 10 | SHALE LT | 794 |
| 9 | SHALE & SLATE | 803 |
| 10 | SANDY SHALE | 813 |
| 3 | SHALE DK | 816 |
| 1 | LIME SHELL | 817 |
| 3 | SHALE | 820 |
| 3 | COAL | 823 |
| 5 | SHALE DK | 828 |
| 7 | SHALE LT | 835 |
| 4 | LIME SHELL | 839 |
| 2 | SAND | 841 |
| 3 | SHALE | 844 |
| 1 | SHELL | 845 |
| 2 | SHALE | 847 |
| 2 | LIME SHELL | 849 |
| 2 | SHALE | 851 |
| 2 | SAND | 853 |
| 1 | SAND | 854 |
| 1 | SAND | 855 |
| 1 | SAND | 856 |
| 7 | SAND | 863 |
| 2 | SAND | 865 |
| 3 | SHALE | 868 |
| 10 | SHALE | 878 |
| 22 | SHALE DK | 900 TD |