

ORIGINAL

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

Operator: License # 9313

Name: James D. Lorenz

Address: 543A 22000 Rd

City/State/Zip Cherryvale, KS 67335

Purchaser: n/a

Operator Contact Person: James D. Lorenz

Phone ( 316 ) 328-4433

Contractor: Name: L & S Well Service

License: 32450

Wellsite Geologist: none

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SLOW  Temp.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSU, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBT  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

10/24/00 10/25/00 10/27/00  
Spud Date Date Reached TD Completion Date

API NO. 15- 001-28872-0000

County Allen

NW -SE - NE - Sec. 25 Twp. 23 Rge. 19  E  W

3,557 Feet from  N (circle one) Line of Section

813 Feet from  W (circle one) Line of Section

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

Lease Name Carpenter Well # 1

Field Name \_\_\_\_\_

Producing Formation \_\_\_\_\_

Elevation: Ground \_\_\_\_\_ KB \_\_\_\_\_

Total Depth 765' PBTD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 20' Feet

Multiple-Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan P+H KJR 7/18/07  
(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. \_\_\_\_\_

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 207B, 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 Helen L. Lorenz Helen L. Lorenz

Title Agent Date \_\_\_\_\_

Subscribed and sworn to before me this 18th day of December, 2000.

Notary Public Georgia L. Splane

Date Commission Expires 10/02/02

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

GEORGIA L. SPLANE  
Notary Public - State of Kansas  
My Appt. Expires

Operator Name James D. Lorenz Lease Name Carpenter Well # 1  
 Sec. 25 Twp. 23 Rge. 19  East  West  
 County Allen

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<br>(Attach Additional Sheets.) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input type="checkbox"/> Log | Formation (Top), Depth and Datums | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey                     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Name                         | Top                               | Datum                           |
| Cores Taken   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                              |                                   |                                 |
| Electric Log Run<br>(Submit Copy.)                    | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                              |                                   |                                 |
| List All E.Logs Run:                                  |   |                              |                                   |                                 |

| CASING RECORD <input 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 casing  |                   |                           | 50 <sup>v</sup> | 20'-0'        | Portland       |              |                            |
|   |                   |                           |                 |               |                |              |                            |
|   |                   |                           |                 |               |                |              |                            |

| ADDITIONAL CEMENTING/SQUEEZE RECORD     |                  |                |             |                            |
|---|------------------|----------------|-------------|----------------------------|
| Purpose:                                | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate      |                  |                |             |                            |
| <input type="checkbox"/> Protect Casing |                  |                |             |                            |
| <input type="checkbox"/> Plug Back TD   |                  |                |             |                            |
| <input type="checkbox"/> Plug Off Zone  |                  |                |             |                            |

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

|               |      |        |           |  |
|---------------|------|--------|-----------|--|
| TUBING RECORD | Size | Set At | Packer At | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> 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 |
|-----------------------------------|-----------|---------|-------------|---------------|---------|

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Conningled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

ORIGINAL

**L & S WELL SERVICE  
543A 22000 ROAD  
CHERRYVALE, KS 67335**

**JAMES D. LORENZ  
ROY W. COOK  
543A 22000 ROAD  
CHERRYVALE, KS 67335**

**CARPENTER LEASE  
WELL #1  
25-23S-19E  
ALLEN COUNTY, KS**

**DRILLER'S LOG**

**DATE: OCTOBER 24, 2000 (SET SURFACE)  
OCTOBER 25, 2000 (START DRILLING)**

HOLE SIZE: 5 1/4"

|         |                               |
|---------|-------------------------------|
| 0-12    | Dirt                          |
| 12-22   | Sand rock                     |
| 22-95   | Shale                         |
| 95-133  | Lime/water - 110'             |
| 133-160 | Shale                         |
| 160-163 | Lime                          |
| 163-225 | Shale                         |
| 225-327 | Lime with shale streaks       |
| 327-370 | Shale                         |
| 370-385 | Sand                          |
| 385-515 | Shale                         |
| 515-520 | Lime                          |
| 520-530 | Lime with shale streaks       |
| 530-540 | Lime                          |
| 540-545 | Shale/green sandy             |
| 545-613 | Shale                         |
| 613-623 | Lime                          |
| 623-630 | Shale                         |
| 630-638 | Lime                          |
| 638-661 | Shale                         |
| 661-690 | Lime - OSW                    |
| 690-700 | Black shale with coal streaks |
| 700-704 | Lime                          |
| 704-710 | Shale                         |
| 710-720 | Sandy shale                   |
| 720-765 | Shale                         |

T. D. - 765'

**DATE FINISHED DRILLING: OCTOBER 27, 2000**

L & S WELL SERVICE  
 543A 22000 ROAD  
 CHERRYVALE, KANSAS 67335-8515

316-328-4433

ORIGINAL 00206

CEMENTING  
 TICKET #

|  |                |  |   |  |                           |                        |                           |
|--|----------------|--|---|--|---------------------------|------------------------|---------------------------|
| SECTION<br>25  | TOWNSHIP<br>23 | RANGE<br>19 E                              | COUNTY<br>Allen                         | STATE<br>Kansas  | DISTRICT #<br>3           | DATE BEGAN<br>12-09-00 | DATE COMPLETE<br>12-09-00 |
| OWNER<br>James D. Lorenz   |                | CONTRACTOR                                 |   |  | CHARGE TO                 |                        |                           |
| MAILING ADDRESS<br>543A 22000 Road   |                | CITY<br>Cherryvale                         |   |  | STATE/ZIP<br>Kansas 67335 |                        |                           |
| LEASE NAME/WELL NUMBER<br>Carpenter # 01   |                | SIZE OF HOLE<br>5 1/4"                     | CASING SIZE<br>20' of 7" casing<br>NO-C | AMOUNT & KIND OF CEMENT USED<br>(Surface) 150 sks Portland |                           |                        |                           |
| CEMENTER<br>James D. Lorenz  |                | HELPERS NAMES<br>Bart Lorenz & Gary Splene |   |  |                           |                        |                           |
| REMARKS:<br>10-24-00 20' surface pipe 7" set with 5 sacks Portland Cement.<br>12-09-00 Ran 765' of 1 1/4" pipe to T.D inside 5 1/4" hole. Circulated cement from bottom to top, until good return of cement was achieved at surface. Pulled out pipe and topped off well. Total of 150 sks Portland Cement used. |                |  |   |  |                           |                        |                           |

TYPE OF TREATMENT

- SURFACE PIPE 10-24-00
- PRODUCTION CASING
- SQUEEZE CEMENT
- PLUG & ABANDON 12-09-00
- OTHER

THE ABOVE JOB WAS DONE UNDER SUPERVISION OF OWNER, OPERATOR, OR HIS AGENT WHOSE SIGNATURE APPEARS BELOW.

AGENT OF CONTRACTOR OR OPERATOR Helen D. Lorenz Helen D. Lorenz Agent

SIGNATURE OF PLUGGING CONTRACTOR OPERATOR Jim Lorenz

L & S WELL SERVICE

316-328-4433

543A 22000 ROAD

CHERRYVALE, KANSAS 67335-8515

00206

CEMENTING ORIGINAL  
TICKET #

|   |                |  |   |  |                           |                        |                           |
|---|----------------|--|---|--|---------------------------|------------------------|---------------------------|
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| CEMENTER<br>James D. Lorenz   |                | HELPERS NAMES<br>Bart Lorenz & Gary Splane |   |  |                           |                        |                           |
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AGENT OF CONTRACTOR OR OPERATOR Helen L. Lorenz Helen L. Lorenz Agent

SIGNATURE OF PLUGGING CONTRACTOR OPERATOR Jim Lorenz