

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

Operator: License # 5585

Name: Clinton Production, Inc.

Address 330 N. Armour

City/State/Zip Wichita, Kansas 67206

Purchaser: _____

Operator Contact Person: Lou Clinton

Phone (316) 684-7996

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: William Stout

Designate Type of Completion
 New Well Re-Entry Workover

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

If Workover/Re-Entry: old well info as follows

Operator: 5-4-95

Well Name: MAY 04 1995

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conchita, KS / SWD
 Plug Back PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

3-19-95 3-25-95 3-26-95
Spud Date Date Reached TD Completion Date

API NO. 15- 155-21351 0000

County Reno

90' E - NW - NE - NW Sec. 21 Twp. 25 Rgs. 9 X^E_W

330 Feet from S (NW) (circle one) Line of Section

1740 Feet from E (NW) (circle one) Line of Section

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

Lease Name Shaffer Well # 1-A

Field Name Langdon

Producing Formation _____

Elevation: Ground 1684 KB 1692

Total Depth 4000' PBTD _____

Amount of Surface Pipe Set and Cemented at 227 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan Att 10+A 5-6-96
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume 640 bbls

Dewatering method used Hauled

Location of fluid disposal if hauled offsite: _____

Operator Name C & C Tank Service

Lease Name Roach SWD License No. 30708

SW Quarter Sec. 14 Twp. 23 S Rng. 9 (NW)

County Reno Docket No. 22208

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INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 Chad A. Clinton

Title VP, Operations Date 5-4-95

Subscribed and sworn to before me this 4 day of May 19 95.

Notary Public Aaron K. Baker

Date Commission Expires _____

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)

AARON K. BAKER
Notary Public - State of Kansas
My Appt. Expires 2-10-99

Operator Name Clinton Production, Inc.

SIDE TWO

Lease Name Shaffer **CONFIDENTIAL**

Well # 1-A

Sec. 21 Twp. 25S Rge. 9

East
 West

County Reno

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.) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datum | <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 | Heelmer | 3173 | 1481 |
| Electric Log Run (Submit Copy.) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Douglas | 3200 | 1508 |
| List All E.Logs Run: | | Lansing | 3386 | 1694 |
| | | Stark | 3645 | 1953 |
| | | BKC | 3735 | 2043 |
| | | Cherokee | 3841 | 2149 |
| | | Miss | 3868 | 2176 |
| | | Kinderhook | 3948 | 2256 |
| | | LTD | 3999 | 2307 |
| | | RTD | 4000 | 2308 |

Dual Induction, Comp. Neutron Density

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 Percent Additives |
|-------------------|-------------------|---------------------------|-----------------|---------------|----------------|--------------|----------------------------|
| Surface | 12 1/4" | 8 5/8" | 23# | 227' | 60/40 Poz | 190 | 3%cc, 2% gel |

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 Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (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 In. | 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 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 Perforated Dually Comp. Commingled
 Other (Specify)

Production Interval

ALLIED CEMENTING CO., INC.

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT:

Great Bend

| | | | | | | | |
|----------------------|-------------------|--|----------------|----------------------------|----------------------------|--------------------------|---------------------------|
| DATE <u>3-26-95</u> | SEC <u>21</u> | TWP. <u>25</u> | RANGE <u>9</u> | CALLED OUT <u>12:40 AM</u> | ON LOCATION <u>3:00 AM</u> | JOB START <u>9:30 AM</u> | JOB FINISH <u>2:00 AM</u> |
| LEASE <u>Shaffer</u> | WELL # <u>1-A</u> | LOCATION <u>Fairfield school 1/4 E - Sinto</u> | | | COUNTY <u>Reno</u> | STATE <u>KS</u> | |

OLD OR (NEW) (Circle one)

CONFIDENTIAL

CONTRACTOR Duke #1

TYPE OF JOB Rotary Plug

HOLE SIZE 12 1/4 7 7/8 T.D. 4000

CASING SIZE 8 5/8 DEPTH 200

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

OWNER Same

CEMENT

AMOUNT ORDERED 155 SK 69/40 48

| | | | | |
|----------|-----------|---|-------------|---------------|
| COMMON | <u>93</u> | @ | <u>6.10</u> | <u>567.30</u> |
| POZMIX | <u>62</u> | @ | <u>3.15</u> | <u>195.30</u> |
| GEL | <u>5</u> | @ | <u>9.50</u> | <u>47.50</u> |
| CHLORIDE | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |

HANDLING 155 @ 1.05 162.75

MILEAGE 28 173.60

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TOTAL \$ 1146.45

EQUIPMENT

PUMP TRUCK CEMENTER Don H

HELPER T Im D

BULK TRUCK DRIVER _____

DRIVER Bob B

REMARKS:

Pumped 35sk at 1350'

35sk at 900', 30sk at 300'

20sk at 60', 15sk in RH 10sk in MH

10sk in well

BY Allied Cementing

Thank Don

James

FROM CONFIDENTIAL SERVICE

| | | | | |
|-------------------|-----------------|---|--------------|---------------|
| DEPTH OF JOB | <u>1350</u> | | | |
| PUMP TRUCK CHARGE | | | | <u>445.00</u> |
| EXTRA FOOTAGE | | @ | | |
| MILEAGE | <u>28</u> | @ | <u>2.35</u> | <u>65.80</u> |
| PLUG | <u>Dry Hole</u> | @ | <u>23.00</u> | <u>23.00</u> |
| | | @ | | |
| | | @ | | |

TOTAL \$ 533.80

CHARGE TO: Clinton Production Inc

STREET 330 N Armour

CITY Wichita STATE KS ZIP 67206

FLOAT EQUIPMENT

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CONSERVATION DIVISION
WICHITA, KS

TOTAL _____

TAX - 0 -

TOTAL CHARGE 1680.25

DISCOUNT 336.05 IF PAID IN 30 DAYS

Net \$ 1344.20

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Ham Moore

WILLIAM M. STOUT
 3725 E. MURDOCK
 WICHITA, KANSAS 67208
 (316) 685-9160

ORIGINAL

GEOLOGICAL REPORT

#1 Shaffer A
 330' FNL & 1740' FWL Sec. 29-25s-9w
 Reno County, Kansas
 1692 K.B. 1684 G.L.
 API#15-155-21351
 OPERATOR: Clinton Production Inc.
 CONTRACTOR: Duke Drilling Co. Rig #1
 GAS DETECTOR: Payne Logging
 COMMENCED: March 19, 1995
 COMPLETED: March 26, 1995
 SURFACE: 8 5/8" casing @ 227' with 190 sacks cement
 SAMPLE DEPTH: 10' samples were examined from 3000' to 4000' RTD.
 DRILLING TIME: 1' drilling time kept from 2600' to 4000' RTD.
 ELECTRIC LOGS: Log-Tech Dual Induction, Compensated Neutron Compensated Density - open hole.

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FORMATION LOG TOPS
 (Kelly Bushing Elevation)

| | |
|------------------|------------|
| Howard | 2726 -1034 |
| Topeka | 2848 -1156 |
| Heebner | 3173 -1481 |
| Douglas | 3200 -1508 |
| Lansing | 3386 -1694 |
| Stark | 3645 -1953 |
| Base Kansas City | 3735 -2043 |
| Cherokee | 3841 -2149 |
| Mississippi | 3868 -2176 |
| Miss. lime | 3943 -2251 |
| Kinderhook | 3948 -2256 |
| L.T.D. | 3999 -2307 |
| R.T.D. | 4000 -2308 |

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SAMPLE DESCRIPTIONS

ORIGINAL

Mississippi 3868' (-2176)

3868' - 3880' Chert, white, opaque, weathered, scattered brown to black stain, fair show free oil-brown, no odor, few pieces bleeding oil and gas, scattered vugular porosity, no fluorescence and fair cut.

Drill Stem Test #1 3864' - 3880'

Open tool 30 min. with strong blow off bottom of bucket 1 min., Close tool 45 min. Open tool 45 min. with strong blow and gas to surface in 1 min. Gas slowly increased to 7,060 cfpd. Recovered 30' watery mud (40% water, 60% mud), 62' muddy water (30% mud, 70% water). Chlorides 23,000 ppm.

| | | | |
|------|---------------|-------------|-----------|
| IFP | 45-34 psi | FFP | 56-56 psi |
| ISIP | 374 psi | FSIP | 363 psi |
| HP | 1892-1877 psi | Temperature | 120°F |

3880' - 3894' Chert, white, some amber, opaque, weathered, trace fresh, no odor, scattered light brown stain, few spots free oil, very few gas bubbles, scattered vugular porosity.

Drill Stem Test #2 3880' - 3894'

Open tool 30 min. with strong blow building to bottom of bucket 2.75 mins. Close tool 45 min. Open tool 45 min. with strong blow off bottom of bucket 1 min. Recovered 100' muddy water (60% water, 40% mud). Chlorides 90,000 ppm.

| | | | |
|------|---------------|-------------|-----------|
| IFP | 34-34 psi | FFP | 56-58 psi |
| ISIP | 332 psi | FSIP | 365 psi |
| HP | 1891-1879 psi | Temperature | 120°F |

The decision to plug the hole as dry was made because of the low structural position, low drill stem test pressures and lack of fluid recovery.

Respectfully Submitted,

Bill Stout

William M. Stout
Geologist

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