

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

Operator: License # 6037
STAAB OIL CO.

Name: _____

Address 1960 280 AVENUE
HAYS, KANSAS

City/State/Zip _____

Purchaser: N/A

Operator Contact Person: FRANCIS C. STAAB

Phone (913) 625 5013

Contractor: Name: SHIELDS DRILLING

License: 5655

Wellsite Geologist: TODD MORGENSTERN

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: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD

☐ Plug Back ☐ PBTD

☐ Commingled Decklet No. _____

☐ Dual Completion Decklet No. _____

☐ Other (SWD or Inj?) Decklet No. _____

Spud Date 7/26/93 Date Reached TD 8/5/93 Completion Date _____

API NO. 15- 101 21658-00-00 LANE

County _____

SW NE SE Sec. 18 Twp. 16 Rge. 27

1650 Feet from (circle one) Line of Section

990 Feet from (circle one) Line of Section

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

EWING L

Lease Name _____ Well # _____

Field Name WILDCAT

Producing Formation LANESING K C

Elevation: Ground 2716 KB 2721

Total Depth 4582 PBTD _____

Amount of Surface Pipe Set and Cemented at 225 Feet

Multiple Stage Cementing Celler Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sz. cement.

Drilling Fluid Management Plan D&A 10-21-93
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls.

Deaerating method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

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

County _____ Decklet No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 208 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 Francis C. Staab
Title Partner Date 9-19-93

Subscribed and sworn to before me this 19th day of September 19 93.

Notary Public Myralee J. Staab
Myralee J. Staab
State of Kansas
My APPT. EXPIRES 9-21-93

| K.C.C. OFFICE USE ONLY | |
|--|--|
| F <input type="checkbox"/> | Letter of Confidentiality Attached |
| C <input checked="" type="checkbox"/> | Wireline Log Received |
| C <input checked="" type="checkbox"/> | Geologist Report Received |
| <div style="text-align: right;">RECEIVED STATE CORPORATION COMMISSION 09-21-1993</div> | |
| <input checked="" type="checkbox"/> KCC | Distribution |
| <input type="checkbox"/> KSS | <input type="checkbox"/> SWD/SEP <input type="checkbox"/> PUG <input type="checkbox"/> OTHER |
| (Specify) | |
| CONSERVATION DIVISION Wichita, Kansas | |

Operator Name STAAB OIL CO

Lease Name

Well #

 18 16 27 ☐ East
 Sec. Twp. Rge. ☒ West
County LANE

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 type="checkbox"/> Log | Formation (Top), Depth and Bottom | <input checked="" type="checkbox"/> Sample |
| Samples Sent to Geological Survey | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Name | Top | Bottom |
| Cores Taken | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | ANKH 2133 588 | B.K.C. 4285 | 1564 |
| Electric Log Run (Submit Copy.) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | BASE 2168 553 | FORT SCOTT | 4478 1757 |
| List All E.Logs Run: | | HEEBNER 3935 1214 | MISS | 4590 1869 |
| | | LANING 3973 1252 | R.T.D. | 4605 1884 |
| | | DST 1 4125 -4150 | 45 45 45 45 | G.B. ISIP |
| | | 1084 FSIP 1051 | 150ft gas | 20ft oil 1030ft |
| | | muddy water DST 2 | 45 45 45 45 | 4218-4247 |
| | | WB ISIP 1025 FSIP | 983 135ft oil | speckled |
| | | muddy water DST 3 | 30 30 30 30 | WB to NB |
| | | ISIP 907 FSIP 815 | 50ft DRILLIG MUD | |

CASING RECORD

☒ New ☐ Used

Report all strings out-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 7/8 | 8 5/8 | 20 | 225 | 60-40 PGZ MIX | | |
| | | | | | 160 sx 3% cal | 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 TB | | | | |
| <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 |
|----------------|---|---|-------|
| | | | |
| | | | |
| | | | |
| | | | |

Dry & Abandoned

| | | | | | | | | |
|--|-----|-------|---|-----------|-----------|--|---------------|---------|
| TUBING RECORD | | Size | Set At | Packer At | Liner Run | <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| Date of First, Resumed Production, SMD or Inj. | | | 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:

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, submit ACD-1)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____



15-101-21658-00-00
Shields

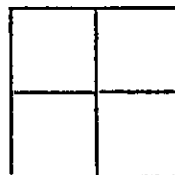
ORIGINAL

Russell, Kansas

WELL LOG

Operator: Staab Oil Co.
Well: Ewing #1
Commenced: July 26, 1993
Completed: August 5, 1993
Contractor: Shields Drilling Co.

Well Description: SW NE SE
Sec. 18-16S-27W
Lane Co., Kansas
API# 15-101-21658



CASING RECORD

| Size | Run | Pulled |
|--------|------|-----------------|
| 8 5/8" | 225' | Cmtd. w/160 sax |

Elevation: 2,721' KB

Treatment:

Production: D & A

Tops:

..... Figures Indicate Bottom of Formations

| | |
|--------------|------------|
| Sand | 168' |
| Shale | 251' |
| Shale & sand | 1,972' |
| Shale | 2,133' |
| Anhydrite | 2,168' |
| Shale | 2,474' |
| Shale & lime | 3,980' |
| Lime | 4,582' RTD |

Phone 913-483-2627, Russell, Kansas

Phone 316-793-5861, Great Bend, Kansas

15-101-21658-00-00

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

1191

Home Office P. O. Box 31

Russell, Kansas 67665

New

| Date | Sec. | Twp. | Range | Called Out | On Location | Job Start | Finish |
|--------|----------|-------------------|--------|------------|-------------|-----------|----------|
| 8/5/93 | 18 | 16S | 27W | Midnight | 1:30 | 7:30 | 10:15 AM |
| Lease | Well No. | Location | County | State | | | |
| Ewing | 1 | Pendennis 1 1/2 N | Lane | Ks. | | | |

Contractor ShieldsType Job Rotary PlugHole Size 7 7/8T.D. 4605Csg. 8 5/8Depth 225

Tbg. Size

Depth

Drill Pipe 4 1/2Depth 2130

Tool

Depth

Cement Left in Csg.

Shoe Joint

Press Max.

Minimum

Meas Line

Displace

Perf.

EQUIPMENT

| No. | Cementer | |
|-------------|----------|--------------|
| Pumptrk 224 | Helper | <u>Gary</u> |
| | Cementer | <u>Keith</u> |
| No. | Cementer | |
| Pumptrk | Helper | |
| | Driver | <u>Bill</u> |
| Bulktrk 199 | Driver | |
| Bulktrk | Driver | |

DEPTH of Job

| Reference: | | |
|--------------|----------------------|---------------|
| | <u>Pump Truck</u> | <u>525.00</u> |
| <u>36</u> | <u>Mileage</u> | <u>81.00</u> |
| <u>8 5/8</u> | <u>DRY</u> | <u>21.00</u> |
| | <u>Note Sub-Tank</u> | |
| | <u>Plug</u> | |
| | <u>Total</u> | <u>627.00</u> |

Remarks:

50' @ 213080 " " 130030 " " 74040 " " 24010 " " 4015 " " R H 105' MHThank youH. J. AndersonOwner Sane

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 listed.

Charge To

Stagg Oil Company

Street

1960 280th Ave

City

Nays State Ks. 67601

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.

x Burton Beery**CEMENT**

Amount Ordered

235 60 1/4 6 1/4 1/4 * F/eq

Consisting of

Common

1415.75810.75

Poz. Mix

943.00282.00

Gel.

147.0098.00

Chloride

Quickset

Flo Seal - 591.1064.90

Handling

2351.00235.00

Milage

363.3840

Total

1829.05

Floating Equipment

Total \$ 2456.05Disc - 491.21\$ 1964.84RECEIVED
STATE COMMISSION

SEP 21 1993

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

TERMS: Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "ALLIED" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "ALLIED," refunded directly to "CUSTOMER." For purposes of this paragraph, ALLIED and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

PRICES AND TAXES: All merchandise listed in "ALLIED'S" current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

TOWING CHARGES: ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

DEADHAUL CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

SERVICE CONDITIONS AND LIABILITIES: 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.