

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

ORIGINAL

API NO. 15- 039-20884 - 00-00
County Decatur
SW-SE-NE- Sec. 11 Twp. 5S Rge. 27 W W

Operator: License # 30912
Name: Alfred Ward & Son Operating
Address P.O. Box V
city/State/Zip Akron, CO 80720

2290 Feet from N (circle one) Line of Section
980 Feet from E (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Purchaser: _____
Operator Contact Person: Randy Ward
Phone (303) 345-2221
Contractor: Name: Emphasis Oil Operations
License: 8241
Wellsite Geologist: Bryan Bynog

Lease Name McKenna Well # 1-11
Field Name Feeley

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

Producing Formation _____
Elevation: Ground 2670 KB 2676
Total Depth 3850 PBDT _____

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 PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
9-15-92 9-20-92 9-20-92
Spud Date Date Reached TD Completion Date

Amount of Surface Pipe Set and Cemented at 266 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 ALT 2 D+A SRD 11-2-92
(Data must be collected from the Reserve Pit)

Chloride content 2000 ppm Fluid volume 3000 bbls Capacity
Dewatering method used Evaporation

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, 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 confidential information). Excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. **RECEIVED** KANSAS CORPORATION COMMISSION. 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 [Handwritten Signature]
Title Manager Date 9-24-92
Subscribed and sworn to before me this 24th day of September 19 92.
Notary Public Jeanie S. Hamblerton
Date Commission Expires 6-11-96

CONSERVATION DIVISION
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)

Operator Name Alfred Ward & Son Operating Lease Name McKenna Well # 1-11

Sec. 11 Twp. 5S Rge. 27 East West
 County Decatur

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 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 | Stone Corral | 2240 | 436 |
| Electric Log Run (Submit Copy.) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Toronto | 3636 | 1296 |
| List All E.Logs Run: | | Lansing | 3656 | 1380 |

| 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 | 12 1/4 | 8.625 | 20 | 266 KB | 6040 poz | 165 | 2% sel 3% cacl |
| | | | | | | | |

| ADDITIONAL CEMENTING/SQUEEZE RECORD | | | | | |
|---|-------|--------|----------------|-------------|----------------------------|
| Purpose: | Depth | | Type of Cement | #Sacks Used | Type and Percent Additives |
| | Top | Bottom | | | |
| <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 |
|----------------|---|--|---|--|-------|
| | | | | | |
| | N/A | | | | |
| | | | | | |

| TUBING RECORD | | Size | Set At | Packer At | Liner Run | Production Interval | |
|--|-----|-------|--------|--|--|---------------------|---------------|
| Date of First, Resumed Production, SWD or Inj. | | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| 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 Perf. Dually Comp. Commingled Other (Specify) _____

RECEIVED
 STATE COMMISSION
 SEP 28 1992
 PERFORATION DIVISION
 WICHITA, KANSAS

15-039-20884-00-00

DST #1

Lansing "A" Interval 3647-3667

Open 15, Closed 30, Open 20, Closed 40.

IFP 36-39, ISIP 911, FFP 41, FSIP 868, IH 1712, FH 1657.

Recovered: 40 feet mud with oil specks
Scum of oil on top of tool

FSIP not static level.

RECEIVED
STATE CORPORATION COMMISSION
SEP 28 1992
CONSERVATION DIVISION
Wichita, Kansas

3-483-2627, Russell
 Phone 316-793-5861, Great Bend, Kansas

13-039-20884-00-00

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ORIGINAL *New*

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31
 Russell, Kansas 67665

3353

| Date | Sec. | Twp. | Range | Called Out | On Location | Job Start | Finish |
|----------------------|---------------------|----------------|--|------------|-----------------------|------------------|-----------|
| 9-20-92 | 11 | 5 ^s | 27 ^w | 8:15 A.M. | 12:05 P.M. | 12:30 P.M. | 3:00 P.M. |
| Lease <i>McKenna</i> | Well No. <i>111</i> | | Location <i>Alison 3W4 1/2 N 1/4 W</i> | | County <i>Decatur</i> | State <i>Ks.</i> | |

Contractor *Emphasis Oil Operations Rig # 8*

Type Job *Plug*

| | |
|-------------------------|-------------------|
| Hole Size <i>7 7/8"</i> | T.D. <i>3850'</i> |
| Csg. <i>8 7/8"</i> | Depth <i>266'</i> |
| Tbg. Size | Depth |
| Drill Pipe | Depth |
| Tool | Depth |
| Cement Left in Csg. | Shoe Joint |
| Press Max. <i>200#</i> | Minimum |
| Meas Line | Displace |
| Perf. | |

Owner
 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
 Street
 City State
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
 X *Jack D. Fox*

EQUIPMENT

| | | |
|---------------------|----------|---------------------------|
| Pumptrk <i>177</i> | Cementer | <i>Gary H. Marilyn K.</i> |
| | Helper | |
| Pumptrk | Cementer | <i>Paul D.</i> |
| | Helper | |
| Bulktrk <i>#212</i> | Driver | |
| Bulktrk | Driver | |

CEMENT

Amount Ordered *190 sks 6 1/4 40 g 2 6 baged*

Consisting of *1 sk. Plaseal*

Common
 Poz. Mix
 Gel.
 Chloride
 Quickset

DEPTH of Job

| | |
|---------------------------------------|--|
| Reference: <i>#8 Pumptruck - plug</i> | |
| <i>#13 mileage @ 2.00/mi.</i> | |
| <i>1-8 7/8" clay hole plug</i> | |
| Sub Total | |
| Tax | |
| Total | |

Handling *@ 1.00/sk.*

Mileage *@ 0.44 /sk./mi.*

Sales Tax

Sub Total

Total

Floating Equipment *Thanks*

Remarks:
1st plug @ 2250' w/25 sks.
2nd plug @ 1470' w/100 sks & 1 sk. Plaseal
3rd plug @ 315' w/40 sks.
8 7/8" plug @ 40' w/10 sks to surface
Plugged rat hole w/15 sks.

RECEIVED
 STATE CORPORATION COMMISSION

OCT 20 1992

REGISTRATION DIVISION
 STATE CORPORATION COMMISSION
 KANSAS

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.