

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

API NO. 15- 071-20,571-0000

County Greeley

-NW - NW - NE Sec. 27 Twp. 16S Rge. 42 X E

4950 Feet from (S) (circle one) Line of Section

2310 Feet from (E) (circle one) Line of Section

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

Lease Name Young Well # 2-27

Field Name Sidney South

Producing Formation _____

Elevation: Ground 3821' KB 3830'

Total Depth 5210' PBTD 5300'

Amount of Surface Pipe Set and Cemented at 290 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cnt.

Drilling Fluid Management Plan old 2 D+B 12822 DL
(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 # 3581

Name: Red Oak Energy, Inc.

Address 200 W. Douglas, Ste. 510

City/State/Zip Wichita, KS 67202

Purchaser: _____

Operator Contact Person: Kevin C. Davis

Phone (316) 265-9925

Contractor: Name: Murfin Drilling Co., Inc.

License: 30606

Wellsite Geologist: Scott Banks

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, 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 Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

08-29-92 09-05-92 09-06-92
Spud Date Date Reached TD Completion Date

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 Kevin C. Davis

Title President Date 10/22/92

Subscribed and sworn to before me this 22nd day of October, 19 92.

Notary Public Martha C. Nussbaum

NOV 12 1992
11-12-92

K.C.C. OFFICE USE ONLY CONSERVATION DIVISION

F Letter of Confidentiality Attached

C Wireline Log Received

C Geologist Report Received

Distribution

KCC SWD/Rep NGPA

KGS Plug Other

(Specify)

Date Commissioned _____
MARTHA C. NUSSBAUM
NOTARY PUBLIC
STATE OF KANSAS
My Appl. Exp. 2-19-94

February 19, 1994

Operator Name Red Oak Energy, Inc. Lease Name Young Well # 2-27
 Sec. 27 Twp. 16S Rge. 42 East County Greeley
 West

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.

9/6/92 DST #1 (Mississippian)
 5160-5210'
 45-45 60-120"
 Rec. 105' Muddy Water
 120' Mud Cut Water
 360' Water
 IHP 2612# IFP 52-155#
 ICIP 1020# FFP 218-259#
 FCIP 1050# FHP 2503#

Dual Induction Log
 Compensated Neutron Density Log

| Name | Top | Datum | <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample |
|-----------------|-------|-------|---|----------------------------------|---------------------------------|
| | | | | | |
| B/Anhydrite | 2720' | +1110 | | | |
| Topeka | 3860' | - 30 | | | |
| Heebner | 4088' | - 258 | | | |
| Lansing | 4194' | -3364 | | | |
| Marmaton | 4524' | - 694 | | | |
| Cherokee | 4720' | - 890 | | | |
| Atoka | 4842' | -1012 | | | |
| Morrow Shale | 4990' | -1160 | | | |
| Upper Morrow SD | 5008' | -1178 | | | |
| Morrow Lime | 5094' | -1267 | | | |
| Mississippi | 5150' | -1320 | | | |
| | 5210' | | | | |

| 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 | 17 1/2" | 13-3/8" | | 290' | 60/40 | 275 | 2%Gel 3%CC |
| | | | | | | | |
| | | | | | | | |

| ADDITIONAL CEMENTING/SQUEEZE RECORD | | | | |
|---|------------------|----------------|-------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate | | NONE | | |
| <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 |
| None | | | | |
| | | | | |
| | | | | |

| 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 | | | | |
| None | | | | | <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)

Production Interval: _____

913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

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

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

No 3257

New

15-071-20571-0000

| | | | | | | | | | | | | | | | |
|---------------------|--------------------------|----------|------------|----------|-------------------------|-------|----|------------|---------|-------------|----------|-----------|----------|--------|---------|
| Date | 9-6-92 | Sec. | 27 | Twp. | 16 | Range | 42 | Called Out | 6:00 AM | On Location | 11:00 AM | Job Start | 12:00 PM | Finish | 3:00 PM |
| Lease | Young | Well No. | 2-27 | Location | Tribune 10N 10W 15 1/2W | | | | County | Greene | State | KS | | | |
| Contractor | Margin Drilling Rig # 24 | | | | | | | | | | | | | | |
| Type Job | Rotary Plug | | | | | | | | | | | | | | |
| Hole Size | 7 7/8 | | T.D. | 5166 ft | | | | | | | | | | | |
| Csg. | | | Depth | | | | | | | | | | | | |
| Tbg. Size | | | Depth | | | | | | | | | | | | |
| Drill Pipe | 4 1/2 | | Depth | 2730 ft | | | | | | | | | | | |
| Tool | | | Depth | | | | | | | | | | | | |
| Cement Left in Csg. | | | Shoe Joint | | | | | | | | | | | | |
| Press Max. | | | Minimum | | | | | | | | | | | | |
| Meas Line | | | Displace | | | | | | | | | | | | |
| Perf. | | | | | | | | | | | | | | | |

Owner **Red Oak Eng**
 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 **Red Oak Eng Inc**
 Street **200 W. Douglas Suite 510**
 City **Wichita** State **KS 67202**
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
 X **Laura McKenna** *Thank You 9/95*

CEMENT

Amount Ordered **280 @ 8.25 =**

Consisting of

| | | | |
|----------|-----|------|--------|
| Common | 168 | 5.50 | 924.00 |
| Poz. Mix | 112 | 2.50 | 280.00 |
| Gel. | 22 | 6.75 | 148.50 |
| Chloride | | | |
| Quickset | | | |

Handling **280** 1.00 **280.00**
 Mileage **100** **1120.00**

Sub Total **2752.50**

NOV 12 1992

Floating Equipment **Total \$ 3427.50**
 Disc - **685.50**
\$ 2742.00

EQUIPMENT

Asset Bend

| | | |
|-------------|----------|--------------|
| No. | Cementor | <i>Mike</i> |
| Pumptrk 158 | Helper | <i>Duane</i> |
| No. | Cementor | |
| Pumptrk | Helper | |
| | Driver | |
| Bulktrk | | |
| Bulktrk 199 | Driver | <i>Mary</i> |

DEPTH of Job **2730 ft**

| | | |
|------------|-----------------------------|---------------|
| Reference: | <i>Pump Truck Charge</i> | 475.00 |
| 100 | <i>Mileage Charge</i> | 200.00 |
| | <i>Sub Total</i> | |
| | Sub Total | |
| | Tax | |
| | Total | 675.00 |

Remarks:

- 50 ft at 2730 ft
- 50 ft at 1320 ft
- 50 ft at 680 ft
- 85 ft at 330 ft
- 20 ft at 40 ft
- 15 ft at Rot. Plug
- 10 ft at mens. hole

Allied Cementing Co Inc
 Mike Munch
Thank You 6/94

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.

15-071-20571-0000

FORM C-1 7/91

FOR USE:

EFFECTIVE DATE: 8-11-92

DISTRICT # 1
SEAT: Yes X No

State of Kansas
NOTICE OF INTENTION TO DRILL 071-20, 589, 592

FORM MUST BE TYPED
FORM MUST BE SIGNED
ALL BLANKS MUST BE FILLED

Must be approved by the K.S.C. five (5) days prior to commencing well

Expected Spud Date August 10, 1992
month day year

Section NW NE Sec 27 Twp 16 S. Rg 42 East

OPERATOR: License # 3581 ✓
Name: Red Oak Energy, Inc.
Address: 200 W. Douglas, Suite 510
City/State/Zip: Wichita, Kansas 67202
Contact Person: Kevin C. Davis
Phone: 316-265-9925

4950' feet from South XXXXXX line of Section
2310' feet from East XXXXXX line of Section
IS SECTION X REGULAR IRREGULAR

CONTRACTOR: License # 6033 30606 ✓
Name: Murfin Drilling, Inc.

(NOTE: Locate well on the Section Plat on Reverse Side)
County: Greeley
Lease Name: Young #2-27 Well #: 2
Field Name: Sidney South

Well Drilled For: Well Class: Type Equipment:
X Oil ... Erb Rec ... X Infield ... X Mud Rotary
... Gas ... Storage ... Pool Ext. ... Air Rotary
... OWMG ... Disposal ... Wildcat ... Cable
... Seismic; ... # of Holes ... Other
If OWMG: old well information as follows:
Operator: _____
Well Name: _____
Comp. Date: _____ Old Total Depth _____
Directional, Deviated or Horizontal wellbore? ... yes X no
If yes, true vertical depth: _____
Bottom Hole Location: _____

Is this a Perated/Spaced Field? yes X no
Target Formation(s): Morrow, Mississippian
Nearest lease or unit boundary: 330'
Ground Surface Elevation: 3823 est
Water well within one-quarter mile: ... yes ... no
Public water supply well within one mile: ... yes X no
Depth to bottom of fresh water: 260'
Depth to bottom of usable water: 1890'
Surface Pipe by Alternate: ... 1 X 280'
Length of Surface Pipe Planned to be set: 280'
Length of Conductor pipe required: _____
Projected Total Depth: 5300'
Formation at Total Depth: Mississippian
Water Source for Drilling Operations:
X well ... farm pond ... other
DNR Permit #: _____
Will Cores Be Taken?: ... yes X no
If yes, proposed zone: _____

Exp. 2/7/93

AFFIDAVIT

280' Alt. II Req.

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.

571

Pusher Ed Mc Kenna
SPUD DATE 8-29-92 INIT SA
LENGTH SURFACE PLANNED 280 1336"
RESERVE PIT STATUS- REMOVE FLUID LINED
after salt sect. bbls. when done bbls.
RATHOLED AHEAD? Y N SIZE HOLE
SURFACE PIPE 3 1/2" @ 220 CONDUCTOR
ANHYDRITE T- B- ELEVATION
TD 5210 FORMATION Miss
RAN PIPE @ DV TOOL ALT II DONE
SX SX Y N
Arbuckle Plug @ Ft. W/ SX
Hug./Council @ Ft. W/ SX
1 Anhydrite Base @ 2695 2730 Ft. W/ 50 SX
2 1/2 Base Anyh. @ 1370 Ft. W/ 50 SX
2 1/2, 1/2 Plug @ 690 Ft. W/ 50 SX
4 Bottom Surface @ 330 Ft. W/ 85 SX
5 40' Plug @ 40 Ft. W/ 20 SX
RAT HOLE CIRC/W/ 5 SX MOUSE HOLE W/ 10 SX
WATER WELL SX (Irr. Well Pond Hauling)
TECHNICIAN DR DATE 9-5-92
TYPE OF CEMENT 60/60 60% by # Flow Seal.
STARTING TIME 9:30 (AM/PM) DATE 9-6-92
COMPLETION TIME 12:20 (AM/PM) DATE 9-6
CEMENT COMPAN 1992

RECEIVED
CONSERVATION DIVISION
Wichita, Kansas
1992