

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

Operator: License # 5616

Name: Calvin Noah

Address 329 N. Birch

City/State/Zip Valley Center, KS 67147

Purchaser: \_\_\_\_\_

Operator Contact Person: Calvin Noah

Phone (316) 755-1032

Contractor: Name: Abercrombie RTD, Inc.

License: 30684

Wellsite Geologist: Calvin Noah

Designate Type of Completion  
 New Well  Re-Entry  Workover

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

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

Operator: N/A

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

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

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

12-17-91 12-30-91  
Spud Date Date Reached TD Completion Date

API NO. 15- 065-22,656 400-00

County Graham

NE SE SW  Sec. 34 Twp. 9S Rge. 21  E W

990' Feet from  N (circle one) Line of Section

3020' Feet from  E/W (circle one) Line of Section

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

Lease Name Kuehn1 Well # #1

Field Name unknown

Producing Formation Arbuckle

Elevation: Ground 2328' KB 2333'

Total Depth 3905' PBSD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 237' 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 (Data must be collected from the Reserve Pit) A 17-11 DFD

Chloride content 17,000 ppm Fluid volume 1527 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, 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.

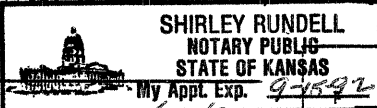
Signature Calvin Noah

Title Operator

Subscribed and sworn to before me this 10 day of March 19 92.

Notary Public Shirley Rundell

Date Commission Expires 9-15-92



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

SIDE TWO

Operator Name Calvin Noah Lease Name Kuehnl Well # #1  
 Sec. 34 Twp. 9S Rge. 21  East  West  
 County Graham

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  Yes  No  
 (Attach Additional Sheets.)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)

List All E.Logs Run:

ELI Radiation-Guard & Microlog

| Name             | Formation (Top), Depth and Datum |       |
|------------------|----------------------------------|-------|
|                  | Top                              | Datum |
| Anhydrite        | 1792                             | +541  |
| Base/Anh         | 1830                             | +503  |
| Topeka           | 3312                             | -979  |
| Heebner          | 3523                             | -1188 |
| Toronto          | 3544                             | -1211 |
| Lansing          | 3561                             | -1228 |
| B/KC             | 3785                             | -1450 |
| Simpson Dolomite | 3861                             | -1528 |
| Arbuckle         | 3876                             | -1543 |
| RTD              | 3905                             | -1571 |

CASING RECORD  New  Used

Report all strings set-conductor, surface, intermediates, 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           | 12½"              | 8 5/8"                    | 19#             | 237'          | 60-40 posmix   | 160          | 3% cc 2% gel               |
|                   |                   |                           |                 |               |                |              |                            |

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  |  | 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 <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

# ORIGINAL

# 1 Kuehnl, 50' W. of NE SE SW 34-9-21W,  
Graham County, Kansas

## DRILL STEM TESTS:

DST # 1, 3559-3575', Initial Flow Period: Open 45", shut-in 45", Final Flow Period: Open 45", Shut-in 45" ; Blow: Weak building to 2" in bucket initial Flow period, Weak building to fair blow ( 4" in bucket) Final Flow Period. Recovery: 60' Muddy Salt water. Chlorides 37,000 ppm. Initial Flow Pressure: 33 psi, Initial Shut-in pressure 1041 psi, Final flow pressure 44 psi, Final Shut-in pressure 997, Hydrostatic pressure 1691-1680. Maximum Temperature 112 Deg. F.

DST # 2, 3593-3620, Initial Flow Period, Open 30", Shut-in 30", Final Flow Period: Open 30", Shut-in 30", Blow: Weak surface blow only both flow periods. Recovery: 20 feet of drilling Mud. Initial flow Pressure 33 psi, Final Flow Pressure 33 psi, Shut-in Pressure 710 Initial, 710 Final. Mud hydrostatic pressures 1746-1713. Maximum Temperature 113 deg. F.

DST # 3, 3683-3753, Initial Flow Period, Open 45", Shut-in 45", Final Flow Period, Open 45", Shut-in 45". Blow: Weak building to strong (10" in buckey) each flow period. Recovery: 80 feet of Heavily oil cut mud, 60 % mud, 35% oil, 5 % gas, Plus 120 feet of Slightly oil cut muddy water, 5 % oil, 5 % Gas, 30 % mud, 60 % water. ( shlorides 42,000 ppm) Pressures: Initial Flow 55-88 psi, Final flow 122-144 psi, Shut-in pressure 688-688., Mud hydrostatic pressure 1823-1801, Maximum temp 114 deg. F.

DST # 4, 3867-3880', Initial Flow Period: Open 30', Shut-in 30", Final Flow period: Open 30", Shut-in 30", Blow: Strong Blow each opening. Pressures: Initial flow 77-311 psi, Final flow 366-500 psi, Shut-in pressures, 1052 Initial, 1052 Final, Mud hydrostatic pressure 1911-1889, Maximum Temperature 116 deg. F. Recovery: 60 ' Gas in Pipe, 400 ' water cut oil (75% oil), 130 ' water cut oil (60% Oil, 10% Gas, 30 % water), 130 ' water cut oil ( 50% oil, 50 % water), plus 480 ' water with scum of oil. ( chlorides 44,000 ppm).

DST # 5, 3880-3890, Initial Flow period: Open 15", Shut-in 30", Final Flow period: Open 15", Shut-in 30", Blow: Strong both flow periods, Recovery: 2400 feet of water with scum of oil. ( 30,000 ppm chlorides) Pressures: Initial Flow 621-876 psi, Final flow 942-1063 psi, Shut-in pressures; 1085 Initial, 1085 Final, Mud Hydrostatic pressure 1889-1867 psi, Maximum Temperature 116 deg. F.

RECEIVED  
STATE CORPORATION COMMISSION  
MAR 1 1 1992

CONSERVATION DIVISION  
WESTINGHOUSE

TELEPHONE:  
AREA CODE 913 483-2627

**ALLIED CEMENTING COMPANY, INC.**  
P. O. BOX 5  
RUSSELL, KANSAS 67665

DEC 20 1991

TO: Abercrombie RTD Inc.  
801 Union Center  
Wichita, Kansas 67202

INVOICE NO. 60952  
PURCHASE ORDER NO. \_\_\_\_\_  
LEASE NAME Kuenhl #1  
DATE Dec. 17, 1991

SERVICE AND MATERIALS AS FOLLOWS:

|                                     |              |               |
|-------------------------------------|--------------|---------------|
| Common 96 sks @\$5.25               | \$ 504.00    |               |
| Pozmix 64 sks @\$2.25               | 144.00       |               |
| Chloride 4 sks @\$21.00             | <u>84.00</u> | \$ 732.00     |
| Handling 160 sks @\$1.00            | 160.00       |               |
| Mileage (20) @\$0.04¢ per sk per mi | 128.00       |               |
| Surface                             | 380.00       |               |
| Mi @\$2.00 pmp. trk.                | 40.00        |               |
| 1 plug                              | <u>42.00</u> | <u>750.00</u> |

Cement circ. If account CURRENT 15% discount will be allowed ONLY if paid within 30 days from date of invoice. Total \$ 1,482.00  
(222.30)  
1259.70

THANK YOU 971-Turkey-1160.25  
138 - 99.45

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

| DEPTH of Job |                |                   |
|--------------|----------------|-------------------|
| Reference #  |                |                   |
|              | PUMP TRK       | 380 <sup>00</sup> |
|              | 1-8 5/8" Plug  | 42 <sup>00</sup>  |
|              | 2.00 per mile! | 40 <sup>00</sup>  |
|              | Sub Total      |                   |
|              | Tax            |                   |
|              | Total          | 462 <sup>00</sup> |

|         |                    |                     |
|---------|--------------------|---------------------|
| Mileage | 4¢ per sk/mile     | 128 <sup>00</sup>   |
|         | 20 miles           |                     |
|         | Sub Total          |                     |
|         | Floating Equipment |                     |
|         |                    | 1,020 <sup>00</sup> |

RECEIVED  
STATE CORPORATION COMMISSION  
MAR 11 1992

Remarks: CEMENT Circulated

*[Signature]*  
CONSERVATION DIVISION  
Wichita, Kansas

TELEPHONE  
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY INC. ORIGINAL  
P. O. BOX 31  
RUSSELL, KANSAS 67665

TO: Abercrombie RTD Inc.  
801 Union Center  
Wichita, Kansas 67202

INVOICE NO. 61043  
PURCHASE ORDER NO. \_\_\_\_\_  
LEASE NAME Kuehnl #1  
DATE Dec. 30, 1991

SERVICE AND MATERIALS AS FOLLOWS:

|                                     |              |               |
|-------------------------------------|--------------|---------------|
| Common 129 sks @\$5.25              | \$ 677.25    |               |
| Pozmix 86 sks @\$2.25               | 193.50       |               |
| Gel 7 sks @\$6.75                   | 47.25        |               |
| Floseal 54#@\$1.00                  | <u>54.00</u> | \$ 972.00     |
| Handling 215 sks @\$1.00            | 215.00       |               |
| Mileage (20) @\$0.04¢ per sk per mi | 172.00       |               |
| Plugging                            | 475.00       |               |
| Mi @\$2.00 pmp. trk.                | 40.00        |               |
| 1 plug                              | <u>21.00</u> | <u>923.00</u> |

25 sks. @3860'  
25 sks. @1820'  
100sks. @1060'  
40 sks. @ 290'  
10 sks. @ 40'  
15 sks. in R. H.

If account CURRENT 15% discount will be allowed ONLY if paid within 30 days from date of invoice.

Total \$ 1,895.00  
(284.25)  
1610.75  
971-Twenky- 1487.92  
138- 122.83

THANK YOU

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

|                               |                                      |                      |
|-------------------------------|--------------------------------------|----------------------|
| DEPTH of Job                  | Handling <i>e 1.00/sk. (215 sks)</i> | 215.00               |
| Reference: #8 Pumptruck-plug  | Mileage <i>e 0.44/sk/mi (20 mi.)</i> | 172.00               |
| #13 <i>mileage e 2.00/mi.</i> |                                      |                      |
| 1- 8 7/8" day hole plug       |                                      |                      |
| Sub Total                     |                                      | Sub Total \$ 1359.00 |
| Tax                           |                                      |                      |
| Total                         |                                      | Total                |
|                               | Floating Equipment                   | <i>Thanks</i>        |

Remarks: *1st plug e 3860' w/25 sks.*  
*2nd plug e 1820' w/25 sks.*  
*3rd plug e 1060' w/100 sks.*  
*4th plug e 290' w/40 sks.*  
*8 7/8" plug e 40' w/10 sks to surface.* *Plugged rat hole w/15 sks.*