API NO. 15-

009-24687-00-00

STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION

| OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM | county Barton |
|--|--|
| ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE | 60 F NW - NW - SE sec. 15 Twp. 178 Rge. 11 X |
| Operator: License #31561 | 2310 Feet from S/N (circle one) Line of Section |
| Name: C & K Oil Company | 2250 Feet from B/W (circle one) Line of Section |
| Address P.O. Box 531 | Footages Calculated from Nearest Outside Section Corner: NE, SE, NW or SW (circle one) |
| | Lease Name Wenz Well # 16 |
| City/State/Zip <u>Claflin, Kansas</u> 67525 | Field Name Kraft-Prusa |
| Purchaser: | Producing Formation |
| Operator Contact Person: Chris Hoffman | Elevation: Ground1839 KB1844 |
| Phone (<u>316</u>) 786-0644 | Total Depth 3308 PBTD |
| Contractor: Name: Vonfeldt Drilling, Inc. | Amount of Surface Pipe Set and Cemented at |
| License: 9431 | 1 92 77 |
| Wellsite Geologist: Jim Musgrove | I See, show depth setFee |
| License: 9431 SS Wellsite Geologist: Jim Musgrove SS Designate Type of Completion Workows SS Workows SS Workows SS Workows SS Workows SS Workows SS | |
| A New Well Re-Entry Works WELL | feeggepth to sx cmt |
| Gas ENHR SIGW Temps and I | De Paine Fluid Management Plan Pot A KOR 7/18/A |
| A Dry Other (Core, wsw, Expt., Cathodre, etc.) | Draging Fluid Management Plan P+A KGR 7/18/0 (Data must be collected from the Reserve Pit) |
| If Workover: | Chloride content 55,000 ppm Fluid volume 1600 bbl |
| Operator: | Dewatering method used Allow to dry and backfill |
| Well Name: | Location of fluid disposal if hauled offsite: |
| Comp. DateOld Total Depth | Location of Itala disposat it matter system |
| Deepening Re-perf. Conv. to Inj/SWD PBTD | Operator Name |
| Plug Back PBTD Commingled Docket No. Dual Completion Docket No. | Lease NameLicense No. |
| Other (SWD or Inj?) Docket No | Quarter SecTwpS RngE/W |
| Spud Date Date Reached ID Completion Date | County Docket No |
| | 470 C Market |
| l n 9070 Wishias Mamoon 47303 Within 120 Move of the | l be filed with the Kansas Corporation Commission, 130 S. Market e spud date, recompletion, workover or conversion of a well. |
| Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of | he form (see rule 82-3-107 for confidentiality in excess of 1 |
| | report shall be attached with this form. ALL CEMENTING TICKETS ells. Submit CP-111 form with all temporarily abandoned wells. |
| | algated to regulate the oil and gas industry have been fully compli |
| with and the statements herein are complete and correct to | the best of my knowledge. |
| simon the Holle | K.C.C. OFFICE USE ONLY |
| Signature My My Date | 12-13-00 F Letter of Confidentiality Attached Wireline Log Received |
| Title OWNEC Date Date | C Geologist Report Received |

December.

KARLYNN K. BECK NOTARY PUBLIC STATE OF KANSAS My Appt. Exp. インターン

Subscribed and sworn to before me this 134h day of

192002.

Notary Public _

Date Commission Expires

Plug

SWD/Rep

NGPA

(Specify)

Other

Distribution

KCC

KGS

| | , , | | | SIDE TWO | | . 1 | | | , / | |
|--|-----------------------------------|---------------------------------------|----------|-------------------|----------|---------------------|--|-----------------------|------------------|-------------|
| Operator Name | K UIL | | | Lease I | Name _ | WEN | 2 | _ Well # _ | 16 | |
| | | East | | County | <u>P</u> | SALTON | <u>) . </u> | | | |
| Sec. <u>15</u> Tup. <u>17</u> | Rge. // | ☑ West | | | | | | • | • | |
| INSTRUCTIONS: Show interval tested, time hydrostatic pressures if more space is need | e tool open an , bottom hole t | d closed, fi emperature, i | | | | | | | | |
| Orill Stem Tests Take (Attach Additional | n Sheets.) | ⊠ _{Yes} □ |) No | | Log | Formation | (Top), Depth | and Datums | ⊠ _{Sam} | ple |
| Samples Sent to Geolo | | ☐ Yes ⊠ | No | Name | | | Top | | Datum +1/82 | |
| Cores Taken | 3 ,0 0 ,000,000 | ☐ Yes 🗵 | | ANHY | | TE | 652 2600 | | 756 | |
| | | ☐ Yes 区 | | TOPER | | | | | 1053 | |
| Electric Log Run (Submit Copy.) | | 163 | | HEEB | | | 2897 | | 1156 | |
| List All E.Logs Run: | | | | Beow | | | 3000 | | 1173 | |
| | | | | LANSI | | | 3017 | | 426 | |
| | | | | CONGL | - | | 3270 | | 144 | |
| | | | | ARBU. | CKL | <u> </u> | <u>3288</u> 3308 | | 164 | |
| | | | RECORD | New [| ີ່∪s | ed | | · | 161 | |
| | Report al | l strings se | t-conduc | tor, surfac | e, in | | production, e | T | 1- | |
| Purpose of String | Size Hole Drilled | Size Cas Set (In | - | Weight Lbs./ft | | Setting Depth | Type of Cement | # Sacks Used | Type and Po | |
| SURFACE | 12/4" | 85/8 | // | 24 | | 387' | 60/40Poz | 200 | 3%Cc_2 | %6FC |
| | | | | | | | / | | | |
| | | | | | | | | | | |
| | ADDITIONAL C | EMENT ING/SQUE | EZE REC | ORD | | | | | | |
| Purpose: | Depth Top Bottom | Type of Ce | ment | #Sacks Us | ed | | Type and Percer | nt Additive | s | |
| Perforate Protect Casing | | · · · · · · · · · · · · · · · · · · · | | | | | | | | |
| Plug Back TD Plug Off Zone | | | | | | | | | | |
| | | | | | | | | | | |
| Shots Per Foot | PERFORATION Specify Footag | RECORD - Br e of Each In | | | | Acid, (Amount an | Fracture, Shot d Kind of Mate | , Cement Sorial Used) | Dep | d th |
| | | <u>.</u> | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| TUBING RECORD | Size | Set At | | Packer At | • | Liner Run | ☐ _{Yes} & | , , , | | |
| Date of First, Resum | med Production, | SWD or Inj. | Produ | ucing Method | d D FI | lowing DPU | mping Gas | Lift 🗆 o | ther (Explai | in) |
| Estimated Production Per 24 Hours | oil | Bbls. | Gas | Mcf | Water | | | l Ratio | | vity |
| Disposition of Gas: | METHOD OI | COMPLETION | | | | Pr | oduction Inter | val | | |
| ☐ Vented ☐ Sold | | .ease | Open | Hole 🗆 1 | Perf. | Dually | comp. 🗆 com | mingled | | |
| (If vented, sub | mit ACO-18.) | į | Other | r (Specify) | | | | _ | | |

ARROW TESTING COMPANY P. O. BOX 1051 GREAT BEND, KANSAS 67530

DRILL-STEM TEST DATA

| | | , | • ' |
|-------------|-------------------|-------------|---------------|
| Well Name | Wenz | Toot No. | |
| Well Number | 16 | Test No. | |
| Company | | Zone Tested | Arb |
| | C & K Oil Company | Date | 10/28/00 |
| Comp. Rep. | J Musgrove | Tester | |
| Contractor | Vonfeldt Drig | restet | Don Fabricius |
| Location | | Ticket No. | 3376 |
| 15-17-11 | 15-17-11 | Elevation | |
| Recorder No | 3088 | | |

| | | | | Elevatio | n | |
|-----------------------|-------------------|--------------|--------------|---|--|--------|
| Recorder No. | | -Clock Range | 12 | Recorder No43 | 77 | 12 |
| Depth | 3300 | | | Depth | Clock Range _ 3304 | |
| Initial Hydro Mud I | Press | 1669 | | Initial Hydro Mud Press | | · |
| Initial Shut-in Press | s | 70 | | Initial Shut-in Press | | |
| Initial Flow Press | ··· | 35-35 | | | | |
| Final Flow Press | | 35-35 | | Initial Flow Press | | |
| Final Shut-in Press. | · | 58 | | Final Flow Press | | |
| Final Hydro Mud Pr | | 1660 | | Final Shut-in Press. | | |
| Temperature | | | | _ Final Hydro Mud Press | | |
| Mud Weight | 9.3 | Viscosity | 48 | Tool Open Before I. S. IInitial Shut-in | | _ Mins |
| Fluid Loss | 8.8 | | | _Initial Shut-in | | 1 |
| Interval Tested | | 300 | | | | 14: |
| Top Packer Depth | | 3255 | | _Final Shut-in | ······································ | _Mins |
| Bottom Packer Dept | h 3 | 2260 | | _Surface Choke Size | | |
| Total Depth | | 3308 | · | _ Bottom Choke Size | | |
| Drill Pipe Size 4 1 | | 16.60 | | _Main Hole Size | | |
| Drill Collar I. D. | | Ft Pun | | Dukk o: | | |
| Recovery—Total Feet | | | | _ Rubber Size | | |
| Recovered 2 | | | | | | |
| Recovered_ | Feet (|) f | viud | | | |
| Recovered | Feet (| Λf * | | | | |
| Recovered | Foot C | ·f | | | | |
| RecoveredRemarks | -1061 (| | - | | | |
| Very w | eak bl | nw dood in o | : | | | |
| Flush t | סטן טט הפע הונ | second once | nin | | | |
| 1 18011 | <u> </u> | second open- | -surge | | | |

THIS ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED. CONDITIONS: It is expressly understood and agreed that the above described work shall be done under the exclusive control, direction and supervision of the owner or contractor. As a part of the consideration for this agreed or incident to the use of the above described Tools, whether run or operated by customer, or by anyone employed directly or indirectly by Arrow Testing Company, or any of its agents, servants or employees in any way connected with or It is expressly understood and agreed that the above described Tools.

related to the use of such Tools.

It is expressly understood and agreed that Arrow Testing Company, shall not be bound by any agreement, not herein contained, and no agent or representative connected with or employed by Arrow Testing Company has authority to alter or extend the terms of this agreement. I have read and understand the terms of this agreement and represent that I am authorized to sign the same as agent of customer.

DRILLERS WELL LOG

Date Commenced: October 22, 2000

Date Completed: October 29, 2000

C & K Oil Company

Wenz #16

NW NW SE Sec. 15-17S-11W

Barton County, Kansas

Elevation:

1839' G.L.

1844' K.B.

0 - 662' Shale

662 - 682' Anhydrite

682 - 1310' Shale

1310 - 2045' Shale & Lime

2045 - 2640' Lime & Shale

2640 - 2755' Shale & Lime

2755 - 3224' Lime & Shale

3224 - 3284' Lime

3284 - 3308' Shale & Lime

3308' R.T.D.

FORMATION DATA

Anhydrite

662'

Base Anhydrite

682'

Surface Pipe: Set 23#, used, 8 5/8" casing @ 385' with 200 sacks 60/40 Poz., 2% Gel., 3% CC.

AFFIDAVIT

| STATE OF KANSAS |) | |
|-------------------|---|-----|
| |) | ss: |
| COUNTY OF RUSSELL |) | |

Alan Vonfeldt of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.

Subscribed and sworn to before me this 30th day of 60tober, 2000.

My Commission Expires:

CHERYL M. PAYNE My Appl. Exp. 8-30-03

Cheryl M. Payne, Notary Public

ALLIED CEMENTING CO., INC SERVIC REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 CALLED OUT LEASE WONZ OLD OF NEW (Pircle one) in in but you to H CONTRACTOR V TYPE OF JOB DEPTH. CASING SIZE 676 DEPTH TUBING SIZE DEPTH **DEPTH** MINIMUM PRES. MAX MEAS. LINE GEL @ CEMENT LEFT IN CSG. L CHLORIDE @ DISPLACEMENT 23 1/3 bb The work of the same of the same of the same and the state of t **EQUIPMENT** La management and also and the contraction of the c Carried and the first under any place @ not be to a PUMP TRUCK CEMENTER #18 HELPER HANDLING BULK TRUCK.
#342 DRIVER MILEAGE BULK TRUCK A WAR WHEN AND A STREET TOTAL DRIVER SERVICE DEPTH OF JOB. 387 PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE* PLUG L- 8% TWP @ **@** lestropolites del del del del competencia de la competencia del competencia del construiro del competencia del TOTAL Contrato to half the Constitute CHARGE TO COK ON CO who are the first shallowing settled to the first of the open FLOAT EQUIPMENT STREET P.O Box 531 ZIP (1535 CAN'T BE HELD WATER 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 TAX contractor. I have read & understand the "TERMS AND TOTAL CHARGE" CONDITIONS" listed on the reverse side.

and the fact the continue of the second of t SIGNATURE "

IF PAID

PRINTED NAME

ALLIED CEMENTING CO., IN REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 Salah Salah Mare CALLED OUT ON LOCATION JOB START **JOB FINISH** 6:45 AM 1.00 Am STATE Kansa OLD OR(NEW)(Circle one) A. Litter Bar All rika rigari k **CEMENT HOLE SIZE** AMOUNT ORDERED 145 **CASING SIZE** DEPTH **TUBING SIZE** DRILL PIPE 4/ DEPTH 3280 **DEPTH** TOOL प्राथिते प्रति । इतिभागातीन वि PRES. MAX <u>MINIMUM</u> COMMON. MEAS. LINE POZMIX ... CEMENT LEFT IN CSG. GEL) of the left (2) PERFS. CHLORIDE DISPLACEMENT @ · · · · **EQUIPMENT** @ CEMENTER @ @ HANDLING Art and MILEAGE ______ BULK TRUCK - 1966年 1966年 1968年 1 the first that the first of the first parties of the first production in the first transfer of the first production of the first parties of the first partie REMARKS: SERVICE हरू र प्राप्त के प्राप्त के में भी में में में में में में किस की में में में में में में किस के किस के किस में DEPTH OF JOB 280 PUMP TRUCK CHARGE **EXTRA FOOTAGE** MILEAGE @ PLUG: #1 @ 40. @ CHARGE TO: LYK Office and the state of the s TI OAT FOIIDMENT FLOAT EQUIPMENT STATE tion to be to the former yourself to the second subject to the second subject to the second s The telegraph of the transfer of the telegraph of the second of the telegraph of telegraph of the telegraph of the telegraph of the telegraph of telegraph a described for the first of the first of the state of th was a commence of the commence To Allied Cementing Co., Inc. A Transaction of the Control of the You are hereby requested to rent cementing equipment and the state of and furnish cementer and helper to assist owner or the state of the st contractor to do work as is listed. The above work was EXPENSE TO VALUE OF THE PARTY OF THE done to satisfaction and supervision of owner agent or CONDITIONS" listed on the reverse side. the translation was discussed. DISCOUNT THE PAID IN 30 DAYS CODICE CITY OF THE PRINTED NAME SIGNATURE X most of the mession of Armitel Personal being the ablate from the hold all the contributions and the contribution of the contr and the restancial formal and solven and an among an among an among the first of the first of the delivered the