

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

API NO. 15- 047-21396-00-00

County Edwards

W/2 SW NE Sec. 19 Twp. 25S Rge. 20 X E

3300 Feet from S/W (circle one) Line of Section

2310 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 Rabe Well # 1

Field Name wildcat

Producing Formation

Elevation: Ground 2274 KB 2279

Total Depth 4800 PSTD

Amount of Surface Pipe Set and Cemented at 751.5 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 (Data) must be collected from the Reserve Pit 047-4-2294 CB

Chloride content 28,000 ppm Fluid volume 900 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite:

Operator: License # 31142

Name: Petroleum Property Services Inc

Address 155 N. Market, Suite 1010

City/State/Zip Wichita, KS 67202

Purchaser:

Operator Contact Person: Jim Thatcher

Phone (316) 265-3351

Contractor: Name: Abercrombie RTD, Inc.

License: 30684

Wellsite Geologist: W.D. Hansen

Designate Type of Completion X New Well Re-Entry Workover

Oil SWD SIGW Temp. Abd. Gas ENHR SIGV Dry Other (Core, WSV, 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 PSTD Commingled Docket No. Dual Completion Docket No. Other (SWD or Inj?) Docket No.

1/20/94 1/30/94 1/30/94 Spud Date Date Reached TD Completion Date

KCC FEB 15 CONFIDENTIAL FEB 1 2-10-94 CONSERVATION DIVISION Wichita, Kansas

RELEASED

Operator Name

Lease Name

Quarter Sec. Twp. Rng. E/W

County

FROM CONFIDENTIAL

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 [Signature]

Title Drlg. & Prod. Mgr. Date 2/15/94

Subscribed and sworn to before me this 15th day of February 19 94.

Notary Public [Signature]

Date Commission Expires

SUSAN M. WAY NOTARY PUBLIC STATE OF KANSAS My Appl. Exp. 10-17-96

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

CONFIDENTIAL

SIDE TWO ORIGINAL

Operator Name PETROLEUM PROPERTY SERVICES, INC. Case Name Rabe Well # 1
 Sec. 19 Twp. 25S Rge. East West County Edwards

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 Datum | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Name | Top | Datum |
| Cores Taken | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Anhydrite | 1406 | + 873 |
| Electric Log Run (Submit Copy.) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Heebner | 3996 | -1717 |
| List All E.Logs Run: | | Brown Ls | 4104 | -1825 |
| R. A. Guard Log | | LKC | 4116 | -1837 |
| | | Stark Sh | 4370 | -2091 |
| | | Hushpuckney Sh | 4417 | -2138 |
| | | Ft. Scott | 4649 | -2370 |
| | | L Cherokee Sh | 4672 | -2393 |
| | | Mississippi | 4732 | -2453 |

| CASING RECORD <input checked="" 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 | 8-5/8 | 23 | 751.50 | 60/40 poz | 300 | 3%cc, 2%gel |
| | | | | | | | |
| | | | | | | | |

| ADDITIONAL CEMENTING/SQUEEZE RECORD | | | | | |
|---|-------|--------|----------------|-------------|----------------------------|
| Purpose: <input checked="" type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone | Depth | | Type of Cement | #Sacks Used | Type and Percent Additives |
| | Top | Bottom | | | |
| | | | | | |
| | | | | | |

| 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, SVD 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: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

ORIGINAL

PETROLEUM PROPERTY SERVICES, INC.

#PI #15-047-21396

Rabe #1

W/2 SW NE Sec. 19-25S-20W

Edwards County, KS

CONFIDENTIAL

DST #1 4658-4710', 30/30/30/30, rec. 5' mud. Flow P 52/52-41/41, SIP 52/41,
BHT 118°F.

DST #2 4702-4740', 30/30/30/30, rec. 60' socm. Flow P 31/31-41/41, SIP 1267/1199,
BHT 124°F.

DST #3 4739-4750', 30/30/30/30, rec. 3100' sw. Flow P 562/1112-1205/1423,
SIP 1516/1516, BHT 126°F.

KCC

FEB 15

CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

FEB 16 1994

CONSERVATION DIVISION
Wichita, Kansas

RELEASED

MAY 24 1995

FROM CONFIDENTIAL

13-483-2627, Russell, KS

Phone 913-625-5516, Hays, KS

Phone 316-886-5926, Medicine Lodge, KS

316-793-5861, Great Bend, KS

Phone 913-672-3471, Oakley, KS

Phone 913-799-3943, Ness City, KS

ALLIED CEMENTING CO., INC

6077

Home Office P. O. Box 31

Russell, Kansas 67665

ORIGINAL

New

| | | | | | | |
|-------------------|---------|----------|--------------------|-------------|-----------|---------|
| Sec | Exp | Range | Called Out | On Location | Job Start | Finish |
| 1-21-94 | 19 | 25 | 20 | 11:15 PM | 1:30 AM | 7:00 AM |
| Job | Rate | Wall No. | Location | County | State | |
| Al Abercrombie #8 | 1 | OFFERED | 1/2 S. W. 1/4 1070 | Edwards | KS | |
| Job | Surface | | | | | |
| Size | 12 1/4 | T.D. | 764 | | | |
| Depth | 8 1/2 | Depth | 759.50 | | | |
| Depth | | Depth | | | | |
| Depth | | Depth | | | | |
| Shoe | John | | | | | |
| Minimum | | | | | | |
| Displace | 445.77 | | | | | |

CONFIDENTIAL

Owner: James

To: Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.

P.O. Box 12797

Charge To: Petroleum Properties INC

Site: 155 N. Market St. #1010

City: Wichita State: KS #67207

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

Purchase Order No. [Signature]

CEMENT

| | |
|----------------|------------------|
| Amount Ordered | 300 SK 64/40 2+3 |
| Conditions of | 25 SK COM 2+3 |
| Common | 255 5.75 1466.25 |
| Por. Mix | 120 7.00 840.00 |
| Gel. | 8 7.00 56.00 |
| Chloride | 11 25.00 275.00 |
| Quicks | |
| Handling | 375 1.00 375.00 |
| Mileage | 50 7.50 375.00 |
| TOTAL | \$ 4313.76 |
| Disc | 862.76 |
| TOTAL | \$ 3451.00 |

RECEIVED STATE CORPORATION COMMISSION FEB 16 1994

EQUIPMENT

| | | |
|-----|----------|------------------|
| No. | Cementor | Division |
| 195 | Helper | REVENUE DIVISION |
| No. | Cementor | |
| | Helper | KCC |
| | Driver | |
| 240 | Driver | FEB 15 1000 B |

CONFIDENTIAL

| | |
|------------|---------------------------|
| PTH of Job | 759' |
| Equipment | Pump Truck 430.00 |
| | 50 m/pleege 42.50 |
| | 1 8 1/2 Rubber Plug 83.00 |
| | 459' at .39 179.01 |
| Total | 804.51 |

marks: pumped all cement
 leased PLUG. Displaced
 own Cement + did Circulate
 Allied Cementing
 Thanks Dan How

Leasing Equipment:

| | |
|------------------|-----------|
| 2 - Centralizer | - 122.00 |
| 1 - Baffle Plate | - 105.00 |
| | \$ 227.00 |

RELEASED

MAY 24 1995

FROM CONFIDENTIAL

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

Phone 913-625-5516, Hays, KS
 Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS
 Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

0006080
 ORIGINAL

New

| | | | | | | | | | | | | | | | | |
|-------|---------|----------|----|----------|-----|-------|-----|-----------------|----------|-------------|---------|-----------|---------|--------|---------|--|
| Date | 1-30-94 | Sec. | 19 | Twp. | 20s | Range | 20w | Called Out | 11:30 pm | On Location | 3:00 am | Job Start | 3:30 am | Finish | 6:00 am | |
| Lease | Robe | Well No. | 1 | Location | | | | 25-1w-1/2 S10th | County | Edwards | State | KS | | | | |

| | |
|---------------------|--------------|
| Contractor | Abercrombie |
| Type Job | Rotary Plus |
| Hole Size | 12 1/4 7 3/8 |
| Csg. | 8 7/8 |
| Tbg. Size | |
| Drill Pipe | |
| Tool | |
| Cement Left in Csg. | |
| Press Max. | |
| Meas Line | |
| Perf. | |

| | |
|---|--------------------------|
| Owner | Same |
| 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 | Petroleum Properties Inc |
| Street | |
| City | |
| State | |
| The above was done to satisfaction and supervision of owner agent or contractor. | |
| Purchase Order No. | |
| X | <i>Christian Ward</i> |
| CEMENT | |
| Amount Ordered | 155 sk 60 68 Gel |

EQUIPMENT

| | | |
|-------------|----------|---------------|
| No. | Cementer | <i>Don H</i> |
| Pumptrk 195 | Helper | <i>Rent R</i> |
| No. | Cementer | |
| Pumptrk | Helper | |
| | Driver | <i>RICK W</i> |
| Bulktrk 101 | Driver | |

| | |
|--------------------|--|
| Consisting of | |
| Common | |
| Poz. Mix | |
| Gel. | |
| Chloride | |
| Quickset | |
| Sales Tax | |
| Handling | |
| Mileage | |
| Sub Total | |
| Total | |
| Floating Equipment | |

DEPTH of Job

| | | |
|------------|---------------------|--|
| Reference: | <i>Pump Truck</i> | |
| | <i>mileage</i> | |
| | <i>1 8 7/8 Plug</i> | |
| | Sub Total | |
| | Tax | |
| | Total | |

Remarks: Pumped 50 sk at 1450 50sk at 800, 30sk at 500, 10sk 40' 15sk in RH
 By Allied Cementing
Thanks Don Han

RELEASED

MAY 2 4 1995

FROM CONFIDENTIAL

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 wilful 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.