

ORIGINAL

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

Operator: License # 5146

Name: Rains & Williamson Oil Co., Inc.

Address 220 West Douglas - Suite 435

City/State/Zip Wichita, Kansas 67202

Purchaser: _____

Operator Contact Person: Juanita M. Green

Phone (316) 265-9686

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Jon Christensen

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSV, 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. _____

03-23-96 03-30-96 03-31-96
Spud Date Date Reached TD Completion Date

API NO. 15- 141-20315 0000

County Osborne County, Kansas

W/2 - SE - NE - _____ Sec. 26 Twp. 10 Rgs. 15 XX ^E _W

1980 Feet from S/W (circle one) Line of Section

990 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 Koelling Well # 1-26

Field Name Ruggels SE

Producing Formation _____

Elevation: Ground 1820' KB 1828'

Total Depth 3400' PBTD _____

Amount of Surface Pipe Set and Cemented at 220' 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 Dea 6-14-96
(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. _____

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 Juanita M. Green

Title President Date 4-15-96

Subscribed and sworn to before me this 15th day of April

Feresa L. Burleigh-Smith
Notary Public

Date Commission Expires 7-2-98

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 Rains & Williamson Oil Co., Inc. Lease Name Koelling Well # 1-26

Sec. 26 Twp. 10S Rge. 15
 East
 West

County Osborne County, Kansas

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: Guard Sidewall Neutron

| <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample |
|---|----------------------------------|---------------------------------|
| Name | Top | Datum |
| Anhydrite | 972 | (+ 856) |
| B/Anhydrite | 1008 | (+ 820) |
| Topeka | 2703 | (- 875) |
| Queen Hill Shale | 2875 | (-1047) |
| Heebner Shale | 2949 | (-1121) |
| Toronto | 2971 | (-1143) |
| Lansing | 2995 | (-1167) |
| B/KC | 3262 | (-1434) |
| Conglomerate Shale | 3347 | (-1519) |
| Conglomerate SS | 3353 | (-1525) |
| L.T.D. | 3402 | |

CASING RECORD

New 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" | 28# | 220' | 60/40 Poz | 135 | 3%cc 2%gel |
| | | | | | | | |
| | | | | | | | |

ADDITIONAL CEMENTING/SQUEEZE RECORD

| Purpose: | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
|---|------------------|----------------|-------------|----------------------------|
| <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:
 Vented Sold Used on Lease
 (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____

Production Interval _____

KOELLING #1-26

ORIGINAL

15-141-20315 -00-00

DST #1 2726' - 2744' 30 30 60 60. 1st opening very strong blow off the bottom of the bucket in 30 seconds decreasing slightly. 2nd opening strong blow off the bottom of the bucket in 1 minute. Rec. 40' GIP, 1220' total fluid, 540' slightly watery gassy mud, 10% water, 90% mud, 680' muddy water with a few oil specks. Chl. 17,500 (Water) and 3,000 (Mud). IFP 179# - 278#, FFP 385# 530#. ISIP 1017#, FSIP 964#.

DST #2 3007' - 3036'. 30 30 30 60. 1st opening weak 3/4" blow built to 1 1/2". 2nd opening no blow. Recovered 15' very slightly oil cut mud, 2% oil, 98% mud. IFP 37#- 37#, FFP 37# - 37#. ISIP 67#, FSIP 142#. IHP 1507#, FHP 1454#.

DST #3 3040' - 3094' covering the Lansing 50', 70' & 90' zones. 30 30 30 60. 1st opening weak 1" blow. 2nd opening weak 1/2" blow decreasing. Rec. 20' heavy drilling mud with oil spots in the tool. IFP 52# - 52#, FFP 52#- 52#. ISIP 362#, FSIP 362#. IHP 1499#, FHP 1462#.

DST #4 3095' - 3107'. 30 30 60 60. 1st opening 1" built to 6" blow. 2nd opening surface blow that built to 8". Test covers the Lansing 100' Zone or "G" Zone. Had 5' of drilling break with fair show of free oil and good oil odor. Rec. 110' salt water with rainbow show of oil. IFP 7# - 22#, FFP 44# - 52#. ISIP 323#, FSIP 331#. IHP 1499#, FHP 1477#. Temp 102°. Chl. 32,000 (Water), Chl. 9,000 (Mud).

DST #5 3338' - 3358'. 30 30 60 60. Rec. 80' muddy water with good show of oil on top of tool. IFP 44#, FFP 52#. ISIP 400#, FSIP 362#.

RECEIVED
KANSAS OIL & GAS CO. INC.
1998 APR 29 A 10:26
4-29-98

ALLIED CEMENTING CO., INC.

0567

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT:

Russell

| | | | | | | | |
|-----------------------|--------------------|---------------------------------|----------------------|---------------------------|----------------------------|--------------------------|---------------------------|
| DATE <u>3-23-96</u> | SEC. <u>26</u> | TWP. <u>10 S</u> | RANGE <u>15 W</u> | CALLED OUT <u>3:00 PM</u> | ON LOCATION <u>4:00 PM</u> | JOB START <u>5:15 PM</u> | JOB FINISH <u>5:45 PM</u> |
| LEASE <u>KOELLING</u> | WELL # <u>1-26</u> | LOCATION <u>NATOMA 3E 1/2 N</u> | COUNTY <u>OSBORN</u> | STATE <u>KANSAS</u> | | | |

OLD OR ~~NEW~~ (Circle one)

CONTRACTOR DUKE DALG. RIG #1

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 225

CASING SIZE 8 7/8 used 28" DEPTH 220

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15' 13 / 88"

PERFS. _____

OWNER _____

CEMENT

AMOUNT ORDERED 135 sk 60% 2% Gel
3% CC

| | | | | |
|----------|-----------------------|---|--------------|----------------------|
| COMMON | <u>81</u> | @ | <u>6.10</u> | <u>494.10</u> |
| POZMIX | <u>54</u> | @ | <u>3.15</u> | <u>170.10</u> |
| GEL | <u>2</u> | @ | <u>9.50</u> | <u>19.00</u> |
| CHLORIDE | <u>4</u> | @ | <u>28.00</u> | <u>112.00</u> |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| HANDLING | | @ | <u>1.05</u> | <u>141.75</u> |
| MILEAGE | <u>42 / 50 / Mile</u> | | | <u>135.00</u> |
| | | | | TOTAL <u>1071.95</u> |

EQUIPMENT

PUMP TRUCK CEMENTER [Signature]

177 HELPER [Signature]

BULK TRUCK

282 DRIVER [Signature]

BULK TRUCK

_____ DRIVER _____

REMARKS:

SERVICE

Cement circulated

[Signature]

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 445.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 25 @ 2.35 58.75

PLUG 1-8" WOODEN @ 45.00

_____ @ _____

_____ @ _____

TOTAL 548.75

CHARGE TO: Rains & Williamson Oil Co. Inc.

STREET 220 W. Douglas #435

CITY Wichita STATE Kansas ZIP _____

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

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 contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE [Signature]

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

Received
KANSAS CORPORATION COMMISSION
5-2-96
MAY 02 1996

CONSERVATION DIVISION

ALLIED CEMENTING CO., INC. 000574

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT: Russell

| | | | | | | | |
|-----------------------|----------------|-------------------|------------------|----------------------------------|----------------------------|--------------------------|---------------------------|
| DATE 3-31-96 | SEC. 26 | TWP. 10 S | RANGE 15W | CALLED OUT 5:45 AM | ON LOCATION 7:45 AM | JOB START 8:15 AM | JOB FINISH 9:45 AM |
| LEASE KOELLING | | WELL# 1-26 | | LOCATION NATOMA 4E 1/2 NE | | COUNTY OSBORNE | STATE KANSAS |

OLD OR **NEW** (Circle one)

CONTRACTOR **DUKE DAIG, RIG #1**

TYPE OF JOB **ROTARY PLUG**

HOLE SIZE **7 7/8** T.D. **3400'**

CASING SIZE **8 5/8** SURFACE DEPTH **220'**

TUBING SIZE _____ DEPTH _____

DRILL PIPE **4 1/2 X-H** DEPTH **980'**

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM **✓**

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

OWNER _____

CEMENT

AMOUNT ORDERED **190 SK 60% 6% GEL**
1/4# FR-SEAL
PER SK

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

TOTAL _____

EQUIPMENT

PUMP TRUCK CEMENTER **Allen**

177 HELPER **Will**

BULK TRUCK

160 DRIVER **Darin**

BULK TRUCK

_____ DRIVER _____

REMARKS:

25 SK @ 980'

100 SK @ 570'

40 SK @ 270'

10 SK @ 40'

15 SK @ RAT HOLE

Shupe

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

PLUG **1 - 8 5/8 Day Hole** @ _____

_____ @ _____

_____ @ _____

TOTAL _____

CHARGE TO: **RAINS & WILLIAMSON**

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

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 contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE **H. Moore**

TAX _____

TOTAL CHARGE _____

DISCOUNT _____

RECEIVED
KANSAS CORPORATION LIMITED IF PAID IN 30 DAYS

MAY 02 1996
5-2-96

CONSERVATION DIVISION
WICHITA, KS