

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 9229  
name DOUGLAS ENERGY COMPANY  
address 4013 N.W. Expressway Suite 310  
City/State/Zip Oklahoma City, Oklahoma 73116

Operator Contact Person Jeff White  
Phone 405-843-0400

Contractor: license # 5146  
name Beredco Rig #1

Wellsite Geologist Jeff White  
Phone 405-843-0400

Designate Type of Completion.  
 New Well  Re-Entry  Workover

Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If OWWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
9-6-84 9-18-84 9-28-84  
Spud Date Date Reached TD Completion Date

6700 6653  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 1712 feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated  
from feet depth to w/ SX cmt

API NO. 15-175-20-780-00-00  
County Seward  
150' W of NE SW Sec 19 Twp 34 Rge 34

..... Ft North from Southeast Corner of Sectle  
..... Ft West from Southeast Corner of Sectle  
(Note: locate well in section plat below)

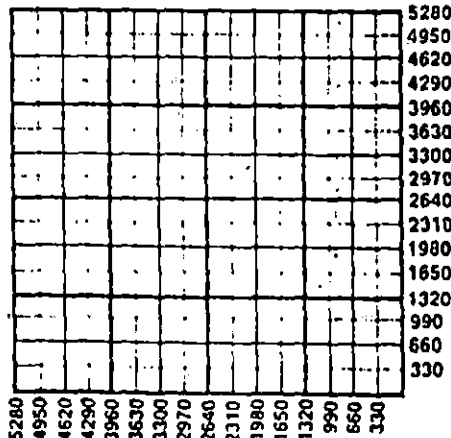
Lease Name ROY GREEN Well# 4-19

Field Name ROY GREEN R.G.

Producing Formation LOWER CHESTER SAND OK

Elevation: Ground 2953 KB 2966

Section Plat



WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit # T83-725

Groundwater 330' Ft North From Southeast Corner an  
(Well) 4290' Ft. West From Southeast Corner  
Sec 19 Twp 34 Rge 34  East  West

Surface Water Ft North From Southeast Corner an  
(Stream, Pond etc.) Ft West From Southeast Corner  
Sec Twp Rge  East  West

Other (explain)  
(purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 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 drillers time log shall be attached with this form. 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 [Handwritten Signature]

Title Date 11-7-84

Subscribed and sworn to before me this 17th day of November 1984

Notary Public [Signature]  
Date Commission Expires 1/26/87

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

Form ACO-1  
(This form supercedes previous forms ACO-1 & C-10)

WELL LOG

**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  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

DST #1. Upper Morrow Sand 5888 to 5903  
 IO: Strongblow  
 FO: Weak increasing to strong blow  
 REC: 1900 gas in pipe  
 90' M&Gco  
 90' sl O & GCW  
 90' sl OCW  
 630' SW

900' total fluid

IHP: 2825  
 IFP: 148 to 262 in 30 min  
 ISIP: 1833 in 60 min  
 FFP: 361 to 459 in 60 min  
 FSIP: 1850 in 120 min  
 FHP: 2825

Max hole temp. 126°F

| Name                             | Top  | Bottom |
|----------------------------------|------|--------|
| HEEBNER (shale)                  | 4281 | 4292   |
| TORONTO (lmst)                   | 4307 | 4336   |
| LANSING (lmst)                   | 4409 | 4498   |
| MARMATON POROSITY (oolitic lmst) | 5176 | 5200   |
| BLACK SHALE MARKER               | 5548 | 5560   |
| MORROW FORMATION (lmst & shale)  | 5852 | 6167   |
| UPPER MORROW SAND                | 5886 | 5898   |
| LOWER MORROW SAND                | 6155 | 6162   |
| CHESTER FORM. (lmst & shale)     | 6167 | 6517   |
| LOWER CHESTER SAND               | 6435 | 6517   |
| ST. GENEVIEVE (lmst)             | 6517 |        |
| ST. Louis Oolitic Zone           | 6634 |        |

RELEASED

JAN 22 1987

FROM CONFIDENTIAL

| 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 CASING                                                            | 12 1/4                                      | 8 5/8                                                                                                                                                   | 23             | 1712                                                                          | Hal. lite Class H | 500          | 10% salt                                   |
| Production                                                                | 7 7/8                                       | 5 1/2                                                                                                                                                   | 15.5           | 6700                                                                          | 50/50             | 195          | 12.5% gilsinite, 10% salt, 12.5% gilsinite |
| PERFORATION RECORD                                                        |                                             |                                                                                                                                                         |                | Acid, Fracture, Shot, Cement Squeeze Record                                   |                   |              |                                            |
| shots per foot                                                            | specify footage of each interval perforated |                                                                                                                                                         |                | (amount and kind of material used)                                            |                   |              | Depth                                      |
| 2                                                                         | 6462 to 6472                                |                                                                                                                                                         |                | Breakdown: 330 gal Baker peiphin,                                             |                   |              | 6462                                       |
| 4                                                                         | 6489 to 6513                                |                                                                                                                                                         |                | 235 bbls diesel with 10% lodyne                                               |                   |              | 6513                                       |
|                                                                           |                                             |                                                                                                                                                         |                | Fraced with 848 bbls gelled lease crude,                                      |                   |              |                                            |
|                                                                           |                                             |                                                                                                                                                         |                | 33,978 lb of 1/2, 1 & 2 lb sand, flushed with 10 bbl lease and crude.         |                   |              |                                            |
| TUBING RECORD                                                             |                                             |                                                                                                                                                         |                | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                   |              |                                            |
| Date of First Production                                                  |                                             | Producing method                                                                                                                                        |                |                                                                               |                   |              |                                            |
| 9-28-84                                                                   |                                             | <input checked="" type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain) |                |                                                                               |                   |              |                                            |
| Estimated Production Per 24 Hours                                         | Oil                                         | Gas                                                                                                                                                     | Water          | Gas-Oil Ratio                                                                 | Gravity           |              |                                            |
|                                                                           | 550                                         | 132                                                                                                                                                     | 0              | 240                                                                           | 44 °              |              |                                            |
|                                                                           | Bbls                                        | MCF                                                                                                                                                     | Bbls           | CFPB                                                                          |                   |              |                                            |

Disposition of gas:  vented  
 sold  
 used on lease

METHOD OF COMPLETION

open hole  perforation  
 other (specify) .....  
 Dually Completed.  
 Commingled

PRODUCTION INTERVAL

6462 to 6472  
 6489 to 6513