

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1  
September 1999  
Form Must Be Typed

**ORIGINAL**

Operator: License # 32119  
 Name: Northern Natural Gas Company  
 Address: P.O. Box 17, Route 1  
 City/State/Zip: Hugoton, KS 67951  
 Purchaser: \_\_\_\_\_  
 Operator Contact Person: Steve Mitchell  
 Phone: ( 620 ) 544-5033  
 Contractor: Name: C.P. Drilling Co. **RECEIVED**  
 License: 32525  
 Wellsite Geologist: MAY 05 2003  
 Designate Type of Completion: **KCC WICHITA**  
 New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, etc)  
*If Workover/Re-entry: Old Well Info as follows:*  
 Operator: \_\_\_\_\_  
 Well Name: \_\_\_\_\_  
 Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to Enhr./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_  

|                                   |                   |   |
|-----------------------------------|-------------------|---|
| <u>04/14/2003</u>                 | <u>04/15/2003</u> | <u>04/16/2003</u>                       |
| Spud Date or<br>Recompletion Date | Date Reached TD   | Completion Date or<br>Recompletion Date |

API No. 15 - 175-21894-0000  
 County: Seward  
 NW .NW.NW. Sec. 1 Twp. 32 S. R. 33  East  West  
596 feet from S / **(N)** (circle one) Line of Section  
437 feet from E / **(W)** (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE **(NW)** SW  
 Lease Name: Sublette Well #: 1  
 Field Name: Sublette Compressor Station  
 Producing Formation: \_\_\_\_\_  
 Elevation: Ground: 2875' EST Kelly Bushing: \_\_\_\_\_  
 Total Depth: 220' Plug Back Total Depth: \_\_\_\_\_  
 Amount of Surface Pipe Set and Cemented at 20 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** see III in 5-B-03  
*(Data must be collected from the Reserve Pit)*    Wego Serv - 5  
 Chloride content \_\_\_\_\_ ppm    Fluid volume Nichols -30 bbls  
 Dewatering method used \_\_\_\_\_  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 Operator Name: Nichols Fluid Service  
 Lease Name: Johnson #2 Disposal License No.: 31983  
 Quarter NE Sec. 16 Twp. 32 S. R. 32  East  West  
 County: Seward    Docket No.: \_\_\_\_\_  
 and Wego Services License #123977  
Bonray Disposal Texas County SW 1/4 Sec 34 4N 15E

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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: Operations Manager    Date: 04-29-03  
 Subscribed and sworn to before me this 29 day of April  
2003  
 Notary Public: [Signature]  
 Date Commission Expires: 8/23/2005  
Creek Co, Ok

**KCC Office Use ONLY**

Letter of Confidentiality Attached  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Northern Natural Gas Company Lease Name: Sublette Well #: 1  
 Sec. 1 Twp. 32 S. R. 33  East  West County: Seward

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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:

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum  
 Attached

| 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 | # Sacs Used | Type and Percent Additives |
| Cathodic  | 14.75"            | 8" PVC Sched 40           | 15.1              | 20'           | Portland       | 16          | (Receipt Attached)         |
|   |                   |                           |                   |               |                |             |                            |
|   |                   |                           |                   |               |                |             |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD |                  |                |             |                            |
|---------------------------------------|------------------|----------------|-------------|----------------------------|
| Purpose:                              | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| ___ Perforate                         |                  |                |             |                            |
| ___ Protect Casing                    |                  |                |             |                            |
| ___ Plug Back TD                      |                  |                |             |                            |
| ___ Plug Off Zone                     |                  |                |             |                            |

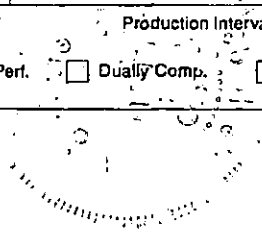
| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type  |  | Acid, Fracture, Shot, Cement Squeeze Record |       |
|----------------|---|--|---|-------|
|                | Specify Footage of Each Interval Perforated |  | (Amount and Kind of Material Used)          |       |
|                |   |  |   | 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 Enhr. |           |         | Producing Method  |               |  |
|   |           |         | <input type="checkbox"/> Flowing <input checked="" 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

WESTLAKE HARDWARE  
1601 N. KANSAS AVE.  
LIBERAL, KS 67901  
(620)-624-1599

BRENTON  
SALE

*16 - Sublette Comp  
S+A*

|                       |             |           |
|-----------------------|-------------|-----------|
| 702081                |             |           |
| PORTLAND CEMENT 94 LB | <i>Comp</i> | 262.15 tx |
| 35 @ 7.49             | <i>S+A</i>  |           |
| SUBTOTAL              |             | 262.15    |
| TAX 1 7.3%            |             | 19.14     |
| TOTAL                 |             | 281.29    |
| AMEX 37946973999xxxx  |             | 281.29    |
| 525503 EXP: 06/04     |             |           |

THANK YOU FOR SHOPPING  
WESTLAKE ACE HARDWARE  
PLEASE COME AGAIN!

I AGREE TO PAY THE ABOVE BANKCARD  
AMOUNT ACCORDING TO THE CARD  
ISSUER AGREEMENT.

Customer Signature

0077 002 82 1417 04/14/03 10:58:36

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MAY 05 2003  
KCC WICHITA

Company Northern Natural Gas  
 Location Seward

Sec 1 Township 32  
 Job Number 03-013

**N** Range 33 **E**  
 Voltage Used 13.00

| Depth | Amps | Geological Log       | Depth | Amps | Geological Log | Number | Depth                        | No Coke  | With Coke     |
|-------|------|----------------------|-------|------|----------------|--------|------------------------------|----------|---------------|
| 5     |      | 0-4 Surface          | 205   |      |                | 1      | 215                          | 0.3      | 2.2           |
| 10    |      | 4-80 Clay            | 210   | 0.3  |                | 2      | 205                          | 0.3      | 2.4           |
| 15    |      |                      | 215   |      |                | 3      | 195                          | 0.4      | 2.6           |
| 20    |      |                      | 220   | 0.3  | T.D. 220'      | 4      | 185                          | 0.8      | 2.7           |
| 25    |      |                      | 225   |      |                | 5      | 175                          | 0.4      | 2.8           |
| 30    | 0.6  |                      | 230   |      |                | 6      | 165                          | 0.4      | 2.7           |
| 35    |      |                      | 235   |      |                | 7      | 155                          | 0.3      | 2.8           |
| 40    | 0.8  |                      | 240   |      |                | 8      | 145                          | 0.7      | 3.1           |
| 45    |      |                      | 245   |      |                | 9      | 135                          | 0.6      | 3.2           |
| 50    | 2.2  |                      | 250   |      |                | 10     | 125                          | 0.2      | 3.6           |
| 55    |      |                      | 255   |      |                | 11     | 115                          | 1.3      | 4.1           |
| 60    | 1.5  |                      | 260   |      |                | 12     | 105                          | 1.5      | 4.6           |
| 65    |      |                      | 265   |      |                | 13     | 95                           | 1.2      | 4.9           |
| 70    | 1.3  |                      | 270   |      |                | 14     | 85                           | 1.8      | 5.6           |
| 75    |      |                      | 275   |      |                | 15     | 75                           | 1.5      | 5.6           |
| 80    | 1.4  | 80-220 Sand & Gravel | 280   |      |                | 16     | 65                           | 1.4      | 5.7           |
| 85    |      |                      | 285   |      |                | 17     | 55                           | 1.4      | 6.0           |
| 90    | 1.7  |                      | 290   |      |                | 18     | 45                           | 1.3      | 6.7           |
| 95    |      |                      | 295   |      |                | 19     | 35                           | 2.2      | 6.5           |
| 100   | 1.6  |                      | 300   |      |                | 20     |                              |          |               |
| 105   |      |                      | 305   |      |                | 21     |                              |          |               |
| 110   | 1.5  |                      | 310   |      |                | 22     |                              |          |               |
| 115   |      |                      | 315   |      |                | 23     |                              |          |               |
| 120   | 1.4  |                      | 320   |      |                | 24     |                              |          |               |
| 125   |      |                      | 325   |      |                | 25     |                              |          |               |
| 130   | 0.3  |                      | 330   |      |                | 26     |                              |          |               |
| 135   |      |                      | 335   |      |                | 27     |                              |          |               |
| 140   | 0.3  |                      | 340   |      |                | 28     |                              |          |               |
| 145   |      |                      | 345   |      |                | 29     |                              |          |               |
| 150   | 0.9  |                      | 350   |      |                | 30     |                              |          |               |
| 155   |      |                      | 355   |      |                |        | Volts                        | 13       |               |
| 160   | 0.3  |                      | 360   |      |                |        | Amps                         |          |               |
| 165   |      |                      | 365   |      |                |        | Ohms                         |          |               |
| 170   | 0.3  |                      | 370   |      |                |        | <b>Rectifier Information</b> |          |               |
| 175   |      |                      | 375   |      |                |        | Model                        | ASAI     |               |
| 180   | 0.4  |                      | 380   |      |                |        | Serial                       | 030279   |               |
| 185   |      |                      | 385   |      |                |        | DCV                          | 50       | DCA 75        |
| 190   | 0.8  |                      | 390   |      |                |        | C                            | 1 of 3   | F 1 of 6      |
| 195   |      |                      | 395   |      |                |        | ACV                          | 115/230  | ACA 46.3/23.2 |
| 200   | 0.4  |                      | 400   |      |                |        | Shunt                        | 75A/50mV |               |

**RECEIVED**

**MAY 05 2003**

**KCC WICHITA**

|               |      |                 |                   |                |             |
|---------------|------|-----------------|-------------------|----------------|-------------|
| Interior Plug |      |                 |                   | Vent 200'      |             |
| Hole Dia.     | 8"   | Total Depth     | 220'              | Remarks        |             |
| No. Anodes    | 19   | Size and Type   | 4" x 80" Graphite | Top of Coke 9' |             |
| Lbs. Coke     | 4200 | Coke Type       | Loresco SC-3      |                |             |
| Ft. Casing    | 20   | Casing Diameter | 8"                | Signature      | Brad Brewer |
|               |      |                 |                   | Date           | 4/15/2003   |