

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

Fractor: License # 31769Name: GREELEY GAS COMPANYAddress PENN CENTER SUITE 8001301 PENNSYLVANIA STREETCity/State/Zip DENVER, CO 80203-5015

Purchaser: \_\_\_\_\_

Operator Contact Person: STEVE MITCHELLPhone (303) 831-5685Fractor: Name: MCLEAN H. L. DRILLING CO.License: 09322

Wellsite Geologist: \_\_\_\_\_

## Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☐ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.☐ Gas ☐ ENHR ☐ SIGW☐ Dry ☒ Other (Core, WSW, Expl., Cathodic etc)

If Workover:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PBD☐ Commingled ☐ Docket No. \_\_\_\_\_☐ Dual Completion ☐ Docket No. \_\_\_\_\_☐ Other (SWD or Inj?) ☐ Docket No. \_\_\_\_\_4/23/97 4/24/97 4/25/97

Start Date Date Reached TD Completion Date

API NO. 15- 075-206370000County HAMILTONE/2- SW - Sec. 7 Twp. 24S Rge. 40 X W1300 Feet from SW (circle one) Line of Section1750 Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)Lease Name SYRACUSE AREA 1 Well # 23

Field Name \_\_\_\_\_

Producing Formation \_\_\_\_\_

Elevation: Ground \_\_\_\_\_ KB \_\_\_\_\_

Total Depth 250' PBD \_\_\_\_\_Amount of Surface Pipe Set and Cemented at 60 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cm.

Drilling Fluid Management Plan ALT 3 7-30-97 JK  
(Data must be collected from the Reserve Pit)Chloride content 800 ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name CITY OF SYRACUSE

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

NE/SE Quarter Sec. 7 Twp. 24 S Rng. 40 E WCounty HAMILTON Docket No. \_\_\_\_\_

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 on side two of this form will be held confidential for a period of 2 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 Steve MitchellTitle CORROSION SPECIALIST Date 5/11/97Subscribed and sworn to before me this 11<sup>th</sup> day of June, 1997.Notary Public Carolyn A. CrableNotary Commission Expires 8-31-2000

| K.C.C. OFFICE USE ONLY                  |                                    |
|-----------------------------------------|------------------------------------|
| F                                       | Letter of Confidentiality Attached |
| C                                       | Wireline Log Received              |
| C                                       | Geologist Report Received          |
| Distribution                            |                                    |
| <input checked="" type="checkbox"/> KCC | <input type="checkbox"/> SWD/Rep   |
| <input type="checkbox"/> KGS            | <input type="checkbox"/> Plug      |
|                                         | NGPA                               |
|                                         | Other (Specify)                    |

Form ACD-1 (7-91)

Operator Name GREELEY GAS COMPANYLease Name SYRACUSE AREA 1Well # 23Sec. 7 Twp. 24S Rge. 40☐ EastCounty HAMILTON☒ West

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 she if more space is needed. Attach copy of log.

Drill Stem Tests Taken  
(Attach Additional Sheets.)☐ Yes ☐ No

Samples Sent to Geological Survey

☐ Yes ☐ No

Cores Taken

☐ Yes ☐ NoElectric Log Run  
(Submit Copy.)☐ Yes ☐ No

List All E.Logs Run:

\*\*SEE ATTACHED LOG\*\*☐ Log Formation (Top), Depth and Datum☐ Sample

Name

Top

Datum

\*\*WELL HAS BEEN PRE-PLUGGED\*\*

## 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           | 14"               | 8"                        | SCH 40 PVC      | 60'           | NEAT           | 40           |                            |
|                   |                   |                           |                 |               |                |              |                            |
|                   |                   |                           |                 |               |                |              |                            |

## ADDITIONAL CEMENTING/SQUEEZE RECORD

| Purpose:       | N/A | 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 Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|----------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-------|
|                | ANODE DEPTHS - 146' 158'                                                               |                                                                                |       |
|                | 170' 182'                                                                              |                                                                                |       |
|                | 194' 206'                                                                              |                                                                                |       |
|                | 218' 230'                                                                              |                                                                                |       |

| TUBING RECORD                                  | Size                                                                                                                                                          | Set At | Packer At | Liner Run | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------|-----------|----------------------------------------------------------|
| Date of First, Resumed Production, SMD or Inj. | Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |        |           |           |                                                          |
| COMPLETION DATE - 4/25/97                      |                                                                                                                                                               |        |           |           |                                                          |
| Estimated Production Per 24 Hours              | Oil                                                                                                                                                           | Bbls.  | Gas       | Mcf       | Water Bbls. Gas-Oil Ratio Gravity                        |

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease  
(If vented, submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled  
☐ Other (Specify) \_\_\_\_\_

## DEEP WELL GROUNDWATER DATA

COPY

UNIT NO: Rect. Syra. Area I

CITY: Syracuse

DATE: 4/23/97

STATE: Kansas

COUNTY: Hamilton

DISTRICT: 86

FACTOR: M<sup>c</sup> Cleon's CP

INSPECTOR: Terry Hilliard &amp; Gary Chandler

AFE: # 214486-001

APPROPRIATION: # 8601194

LOCATION: Barber &amp; Hendrick KCL API #15-075-206370000

GROUNDBED: DEPTH- 250 Ft. Dia.- 8 In. ANODES: Anotec 3884 (8)  
(No., Type, & Mfg.)CASING: SIZE- 8 In. DEPTH- 60 Ft. COKE BREEZE: 3600# Lorasco SC-3  
(Amount & Mfg.)

CASING CENTRALIZER SPACING: 58, 40, 20, , , , ,

| DEPTH<br>FT. | DRILLER' LOG                    | RESISTIVITY<br>OHMS AMPS | ANODE<br>NO. | DEPTH TO<br>ANODE | BEFORE<br>COKE   | AFTER<br>COKE |
|--------------|---------------------------------|--------------------------|--------------|-------------------|------------------|---------------|
| 5            | Sand                            | 8" PVC Casing            |              |                   | Top of well      |               |
| 10           | Sand                            | 5" H 40/100R26"          |              |                   | ccp 32"          |               |
| 15           | Sand                            | PVC 112D                 |              |                   | bottom of casing |               |
| 20           | Sand                            | Well Casing              |              | Hole Pumped       | 18' 1"           |               |
| 25           | Gravel                          | 14" Borehole             |              | with neat         |                  |               |
| 30           | Gravel                          |                          | 1" PVC       | cement from       | Cement weight    |               |
| 35           | Sand                            | Cemented In              | Solid        | top of coke       | 15.3 lbs/Gal     |               |
| 40           | Sand                            | 40-44#                   |              | to top of         |                  |               |
| 45           | Sand & Gravel                   | Pags of Cement           |              | casing            |                  |               |
| 50           | Sand                            |                          |              |                   |                  |               |
| 55           | Sand                            |                          |              |                   |                  |               |
| 60           | Sand                            |                          |              |                   |                  |               |
| 65           | Grey Shale Tan Rock             | 700 PPM Chloride         |              |                   | Battery 12.94V   |               |
| 70           | Grey Shale & Clay Red Rock      |                          |              |                   |                  |               |
| 75           | Grey Shale & Clay               |                          |              |                   |                  |               |
| 80           | Grey Shale & Clay Gravel        |                          |              |                   |                  |               |
| 85           | Grey Shale & Clay               | 1100 v Soil              |              | Top of Coke 84'   |                  |               |
| 90           | Grey Shale & Clay               |                          |              |                   |                  |               |
| 95           | Grey Shale & Clay               |                          |              |                   |                  |               |
| 100          | Grey Clay Sandstone Gravel      |                          | 1160'        |                   | 100'-.5          |               |
| 105          | Grey Clay                       |                          | 1" PVC       |                   |                  |               |
| 110          | Grey Clay                       |                          | All Vent     |                   | 110'-.3          |               |
| 115          | Grey Clay & Shale               |                          |              |                   |                  |               |
| 120          | Grey Clay & Shale               |                          |              |                   | 120'-.3          |               |
| 125          | Grey Clay & Shale               |                          |              |                   |                  |               |
| 130          | Grey Shale & Clay               |                          |              |                   | 130'-.4          | Battery       |
| 135          | Grey Shale & Clay               | 2600 v Soil              |              |                   | 12.1V            |               |
| 140          | Grey Shale & Clay               |                          |              |                   | 140'-.4          |               |
| 145          | Grey Shale & Clay               |                          | 8 x          | 146'              |                  | .5            |
| 150          | Grey Shale & Clay               |                          |              |                   | 150'-.4          |               |
| 155          | Grey Shale & Clay               |                          |              |                   |                  |               |
| 160          | Blk Shale Sm WHT Rock Some Clay | 3650 v Soil              | 7 x          | 158'              | 160'-.4          | .5            |
| 165          | Blk Shale Sm WHT Rock Some Clay |                          |              |                   |                  |               |
| 170          | Blk Shale Sm WHT Rock Some Clay |                          | 6 x          | 170'              | 170'-.3          | .5            |
| 175          | Blk Shale Sm WHT Rock Some Clay |                          |              |                   |                  |               |
| 180          | Blk Shale Sm WHT Rock Some Clay |                          |              |                   | 180'-.3          |               |
| 185          | Blk Shale Sm WHT Rock Some Clay | 3650 v Soil              | 5 x          | 182'              |                  |               |
| 190          | Blk Shale Sm WHT Rock Some Clay |                          |              |                   | 190'-.4          | .5            |
| 195          | Sm WHT Rock Some Clay           |                          | 4 x          | 194'              |                  |               |
| 200          | Sm WHT Rock Some Clay           | 700 PPM Chloride         |              |                   | 200'-.4          | .5            |
| 205          | Blk & Grey Shale Some Clay      |                          | 3 x          | 206'              |                  |               |
| 210          | Blk & Grey Shale Some Clay      |                          |              |                   | 210'-.4          | .5            |
| 215          | Grey Shale & Clay               |                          | 2 x          | 218'              |                  |               |
| 220          | Grey Shale & Clay               | 2800 v Soil              |              |                   | 220'-.4          | .5            |
| 225          | Grey Shale & Clay               |                          |              |                   |                  |               |
| 230          | Grey Shale & Clay               |                          | 1 x          | 230'              | 230'-.3          | .4            |
| 235          | Grey Shale & Clay               | 2600 v Soil              |              |                   |                  |               |
| 240          | Grey Shale & Clay               |                          |              |                   |                  |               |
| 245          | Grey Shale & Clay               | 800 PPM Chloride         | 1" PVC       |                   |                  |               |
| 250          | Grey Shale & Clay               | 2600 v Soil              | Solid        |                   |                  |               |

(Borehole is 16' S. of &amp; Hendrick) (230' W. of &amp; Hendrick) with Cap.