

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 30555  
Name: John Herrick  
Address: 223 Megan Lane  
City/State/Zip: Ottawa, KS. 66067  
Purchaser: Plains Resources  
Operator Contact Person: John Herrick  
Phone: (785) 242-6423  
Contractor: Name: Town Oil Co.  
License: 6142  
Wellsite Geologist: none

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW injection well\*  
 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. \_\_\_\_\_

| Spud Date or<br>Recompletion Date | Date Reached TD | Completion Date or<br>Recompletion Date |
|-----------------------------------|-----------------|-----------------------------------------|
| 7-26-00                           | 7-28-00         | 7-28-00                                 |

API No. 15 - 121-27536 00 00  
County: Miami  
NW. SW. SE. NE Sec. 30 Twp. 17 S. R. 22  East  West  
3220 feet from S /  (circle one) Line of Section  
1225 feet from E /  (circle one) Line of Section  
Footages Calculated from: Nearest Outside Section Corner:  
(circle one) NE SE NW SW

Lease Name: Low Well #: 13  
Field Name: unknown  
Producing Formation: Peru Sand  
Elevation: Ground: n/a Kelly Bushing: \_\_\_\_\_  
Total Depth: 600 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 21 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 21  
feet depth to surface w/ 3 sx cmt.

Drilling Fluid Management Plan Alt #2 R/R 7/09/07  
(Data must be collected from the Reserve Pit)  
Chloride content 1500-3000 ppm Fluid volume 80 bbls  
Dewatering method used used on lease  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ 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 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: partner Date: 09/08/00  
Subscribed and sworn to before me this 8th day of September  
2000.  
Notary Public: Kimberly D Littlejohn  
Date Commission Expires: 11-30-2002

**KCC Office Use ONLY**

Letter of Confidentiality Attached   
Notary Public: Kimberly D. Littlejohn  
Oklahoma County  
Notary Public and for State of Oklahoma  
UIC Distribution

Operator Name: John Herrick Lease Name: Low Well #: 13  
 Sec. 30 Twp. 17 S. R. 22  East  West County: Miami

**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:

Gamma ray/neutron

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

See attached copy of log

| 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 | # Sacs Used | Type and Percent Additives |
| Surface                                                                   | 9 1/2             | 7                         |                   | 21            | portland       | 6           |                            |
| Completion                                                                | 5 1/4             | 2 7/8                     |                   | 580.30        | poz            | 95          |                            |

| 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<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth |
|----------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------|
| 2              | 396-416                                                                                   | frac 30 sacks & water gel                                                         |       |
| 2              | 556-566                                                                                   | frac w/ 30 sacks & water gel                                                      |       |
|                | <del>waiting on doc approval for injection</del>                                          |                                                                                   |       |

| TUBING RECORD                                    |           | Size                                                                                                                                                    | Set At      | Packer At     | Liner Run                                                           |
|--------------------------------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|---------------------------------------------------------------------|
| <del>injection well</del>                        |           |                                                                                                                                                         |             |               | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumerd Production, SWD or Enhr. |           | Producing Method                                                                                                                                        |             |               |                                                                     |
| waiting on completion                            |           | <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 Bbbs. | Gas Mcf                                                                                                                                                 | Water Bbbs. | Gas-Oil Ratio | Gravity                                                             |
|                                                  |           |                                                                                                                                                         |             |               | 28                                                                  |

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Sumit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Other (Specify)

Production Interval  Dually Comp.  Commingled

ORIGINAL

Well #13  
Farm: Lowe  
Miami County, KS.  
Lease Owner: John Herrick

WELL LOG

| <u>Thickness</u><br><u>of Strata</u> | <u>Formation</u> | <u>Total</u><br><u>Depth</u> |
|--------------------------------------|------------------|------------------------------|
| 0                                    | Soil & clay      | 16                           |
| 53                                   | Shale            | 69                           |
| 16                                   | Lime             | 85                           |
| 23                                   | Shale            | 108                          |
| 10                                   | Lime             | 118                          |
| 2                                    | Shale            | 120                          |
| 2                                    | Red bed          | 122                          |
| 38                                   | Shale            | 160                          |
| 15                                   | Lime             | 175 Hard                     |
| 9                                    | Shale            | 184                          |
| 29                                   | Lime             | 213 Winterset                |
| 7                                    | Shale & slate    | 220                          |
| 25                                   | Lime             | 245 Bethany Falls            |
| 5                                    | Shale & slate    | 150                          |
| 4                                    | Lime             | 254 KC Hard                  |
| 3                                    | Shale & slate    | 257                          |
| 7                                    | Lime             | 264 Hertha                   |
| 4                                    | Shale dk.        | 268                          |
| 7                                    | Shale & shells   | 275                          |
| 113                                  | Shale            | 388                          |
| 2                                    | Red bed          | 390                          |
| 2                                    | Shale            | 392                          |
| 5                                    | Sand             | 397 Lam oil show (v poor)    |
| 2                                    | Sandy lime       | 399 Oil show                 |
| 4                                    | Sand             | 403 Good oil show            |
| 1                                    | Sandy lime       | 404 Little oil show          |
| 4                                    | Sand             | 408 Good oil show            |
| 2                                    | Sandy lime       | 410 No show                  |
| 4                                    | Sand             | 414 Oil show lt.             |
| 4                                    | Sandy shale      | 418 50% oil sand             |
| 15                                   | Lime             | 433                          |
| 39                                   | Shale            | 472                          |
| 2                                    | Coal             | 474                          |
| 1                                    | Shale            | 475                          |
| 6                                    | Lime             | 481                          |
| 13                                   | Shale            | 491                          |
| 3                                    | Lime             | 497 Hard                     |
| 2                                    | Coal             | 499                          |
| 11                                   | Shale dk.        | 510                          |
| 12                                   | Lime             | 522                          |
| 3                                    | Shale            | 525                          |
| 3                                    | Red bed          | 528                          |
| 7                                    | Shale            | 535                          |
| 2                                    | Lime             | 537                          |
| 4                                    | Shale & slate    | 541                          |

SEP 18 2000  
JN

ORIGINAL

|    |             |                                |
|----|-------------|--------------------------------|
| 6  | Lime        | 547                            |
| 5  | Shale       | 552                            |
| 3  | Sand        | 555 Broken Heavy oil show poor |
| 1  | Sand        | 556 V poor oil show 10%        |
| 9  | Sand        | 565 Heavy oil show 50%         |
| 33 | Sandy shale | 598 No show                    |
| 2  | Lime        | 600 TD                         |

STATE OF CALIFORNIA

SEP 18 2000

CONSTRUCTION

ORIGINAL

CONSOLIDATED INDUSTRIAL SERVICES, INC.  
211 W. 14TH STREET, CHANUTE, KS 66720  
316-431-8210 or 800-467-8678

TICKET NUMBER 07423

LOCATION Ottawa

FOREMAN A. Alan Maden

TREATMENT REPORT

|                                                |                 |                       |         |                                 |     |     |        |           |
|------------------------------------------------|-----------------|-----------------------|---------|---------------------------------|-----|-----|--------|-----------|
| DATE                                           | CUSTOMER ACCT # | WELL NAME             | QTR/QTR | SECTION                         | TWP | RGE | COUNTY | FORMATION |
| 7-28-00                                        | 3776            | Howe #13              |         | 30                              | 17  | 22  | M.     |           |
| CHARGE TO <u>Robert Harwell</u>                |                 |                       |         | OWNER                           |     |     |        |           |
| MAILING ADDRESS <u>2801 N.W. Expy. Ste 132</u> |                 |                       |         | OPERATOR <u>John Herrick</u>    |     |     |        |           |
| CITY <u>Oklahoma City</u>                      |                 |                       |         | CONTRACTOR <u>Town Drilling</u> |     |     |        |           |
| STATE <u>OK</u>                                |                 | ZIP CODE <u>73112</u> |         | DISTANCE TO LOCATION <u>20</u>  |     |     |        |           |
| TIME ARRIVED ON LOCATION <u>5:00</u>           |                 |                       |         | TIME LEFT LOCATION <u>6:00</u>  |     |     |        |           |

| WELL DATA        |              |
|------------------|--------------|
| HOLE SIZE        | <u>5 7/8</u> |
| TOTAL DEPTH      | <u>600</u>   |
| CASING SIZE      | <u>2 7/8</u> |
| CASING DEPTH     | <u>390'</u>  |
| CASING WEIGHT    |              |
| CASING CONDITION |              |
| TUBING SIZE      |              |
| TUBING DEPTH     |              |
| TUBING WEIGHT    |              |
| TUBING CONDITION |              |
| PACKER DEPTH     |              |
| PERFORATIONS     |              |
| SHOTS/FT         |              |
| OPEN HOLE        |              |
| TREATMENT VIA    |              |

| TYPE OF TREATMENT                                     |                                           |
|-------------------------------------------------------|-------------------------------------------|
| <input type="checkbox"/> SURFACE PIPE                 | <input type="checkbox"/> ACID BREAKDOWN   |
| <input checked="" type="checkbox"/> PRODUCTION CASING | <input type="checkbox"/> ACID STIMULATION |
| <input type="checkbox"/> SQUEEZE CEMENT               | <input type="checkbox"/> ACID SPOTTING    |
| <input type="checkbox"/> PLUG & ABANDON               | <input type="checkbox"/> FRAC             |
| <input type="checkbox"/> PLUG BACK                    | <input type="checkbox"/> FRAC + NITROGEN  |
| <input type="checkbox"/> MISC PUMP                    | <input type="checkbox"/> FOAM FRAC        |
| <input type="checkbox"/> OTHER                        | <input type="checkbox"/> NITROGEN         |

| PRESSURE LIMITATIONS |             |            |
|----------------------|-------------|------------|
|                      | THEORETICAL | INSTRUCTED |
| SURFACE PIPE         |             |            |
| ANNULUS LONG STRING  |             |            |
| TUBING               |             |            |

INSTRUCTIONS PRIOR TO JOB

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Established pump rate. Mixed & pumped 29x gel followed by 10 bbl clean water. Mixed & pumped 95% 50/50 pro, 2 3/4 gal. Circulated cement to surface. Flushed pump clean. Pumped 2 1/2 rubber plug to T.D. ~~Well~~ Well held 800 PSI. Closed valves.

A. Alan Maden

| PRESSURE SUMMARY         |     |
|--------------------------|-----|
| BREAKDOWN or CIRCULATING | psi |
| FINAL DISPLACEMENT       | psi |
| ANNULUS                  | psi |
| MAXIMUM                  | psi |
| MINIMUM                  | psi |
| AVERAGE                  | psi |
| ISIP                     | psi |
| 5 MIN SIP                | psi |
| 15 MIN SIP               | psi |

| TREATMENT RATE                   |  |
|----------------------------------|--|
| BREAKDOWN BPM                    |  |
| INITIAL BPM                      |  |
| FINAL BPM                        |  |
| MINIMUM BPM                      |  |
| MAXIMUM BPM                      |  |
| AVERAGE BPM                      |  |
| HYD HHP = RATE x PRESSURE x 40.8 |  |

AUTHORIZATION TO PROCEED

TITLE

DATE