

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

Operator: License # 3871Name: Hugoton Energy CorporationAddress 229 E. WilliamSuite 500City/State/Zip Wichita, KS 67202Purchaser: spotOperator Contact Person: Jim GowensPhone ( 316 ) 262-1522Contractor: Name: Cheyenne DrillingLicense: 5382Wellsite Geologist: Mark Grommesh

## 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/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. \_\_\_\_\_

12-7-91 12-19-91 2-5-92

Spud Date Date Reached TD Completion Date

API NO. 15- 081-20,711County Haskell- C - NW - SE Sec. 24 Twp. 29 Rge. 33 X <sup>E</sup> <sub>W</sub>1980 Feet from S/N (circle one) Line of Section1980 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)Lease Name Brennan Well # 1-24Field Name Lemon NEProducing Formation AtokaElevation: Ground 2922' KB 2933'Total Depth 5687' PBTD 5612'Amount of Surface Pipe Set and Cemented at 1808' FeetMultiple Stage Cementing Collar Used? XX Yes ☐ No ☐If yes, stage depth set 3160' Feet

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

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

Drilling Fluid Management Plan A172  
(Data must be collected from the Reserve Pit)Chloride content 1400 ppm Fluid volume 100 bblsDewatering method used Natural Evaporation

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 [Signature]Title Exploration Manager Date 4-30-92Subscribed and sworn to before me this 30 day of APRIL, 92.Notary Public [Signature]

Date Commission Expires \_\_\_\_\_

Cathy D. Walker  
NOTARY PUBLIC  
State of Kansas  
MY APPT. EXPIRES 9-18-95

## 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 Bugoton Energy Corporation Lease Name Brennan Well # 1-24Sec. 24 Twp. 29 Rge. 33  
☐ East  
☒ WestCounty Haskell

**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 ☐ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No  
(Submit Copy.)

List All E.Logs Run:

DSI, PDS, MRS (BPB)

☒ Log Formation (Top), Depth and Datums ☐ Sample

| Name         | Top  | Datum |
|--------------|------|-------|
| Heebner      | 4094 | -1161 |
| Marmaton     | 4711 | -1778 |
| Pawnee       | 4876 | -1943 |
| Ft. Scott    | 4918 | -1985 |
| Morrow Shale | 5230 | -2297 |
| Morrow Sand  | 5318 | -2385 |
| Chester Sand | 5361 | -2428 |
| St. Gen      | 5456 | -2523 |
| St. Louis    | 5510 | -2577 |

## 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                     | 24              | 1808          | 35/65 Pozmix   | 800          | 6% gel, 2% CC              |
| Production        | 7 7/8             | 4 1/2                     | 10.5            | 5687          | Classic        | 295          | 6% gel, 2% CC              |
| DV                |                   |                           |                 | (3160)        | Classic        | 440          | 2% CC                      |

## 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              | 5080-84, 5086-90; 5092-94                                                                 | Acidize w/ 1000 gal 15% HCL                                                       |       |
|                | 5107-09; 5112-14, 5118-22                                                                 |                                                                                   |       |
|                | 5062-66                                                                                   |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |

| TUBING RECORD                                        | Size                                                                                                                                                                     | Set At          | Packer At        | Liner Run           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|---------------------|---------------------------------------------------------------------|
|                                                      | 2 3/8                                                                                                                                                                    | 5031            |                  |                     |                                                                     |
| Date of First, Resumed Production, SWD or Inj.<br>SI | Producing Method <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 Bbls.<br>0                                                                                                                                                           | Gas Mcf<br>1881 | Water Bbls.<br>1 | Gas-Oil Ratio<br>NA | 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) \_\_\_\_\_

5062-5122 OA