

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

API NO. 15- 129-21315

County MORTONSE -SW - NW- Sec. 4 Twp. 33S Rge. 43W X E W2970 FSL Feet from S (circle one) Line of Section4290 FEL Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:  
NE, S, NW, or SW (circle one)Lease Name VOILES Well # 3-4Field Name MUSTANG WESTProducing Formation NAElevation: Ground 3626' KB 3639'Total Depth 5120' PBDAmount of Surface Pipe Set and Cemented at 1398' Feet.Multiple Stage Cementing Collar Used? Yes X NoIf yes, show depth set                      FeetIf Alternate II completion, cement circulated from NAfeet depth to                      w/                      sx cmt.Drilling Fluid Management Plan D&A 294 4-10-95  
(Data must be collected from the Reserve Pit)Chloride content 900 mg/l ppm Fluid volume 400 bblsDewatering method used EVAPORATIONLocation of fluid disposal                      (circle one) offsite:Operator Name                     Lease Name                      License No.                                          Quarter                      Sec.                      Twp.                      Rng.                      E/WCounty                      Docket No.                     Operator: License # 3871Name: Hugoton Energy CorporationAddress 301 N. Main, Suite 1900City/State/Zip Wichita, KS 67202Purchaser: NAOperator Contact Person: Jim GowensPhone (316) 262-1522Contractor: Name: Allen Drilling CompanyLicense: 5418Wellsite Geologist: Ken LeBlanc

Designate Type of Completion

X New Well                      Re-Entry                      Workover                     Oil                      SWD                      SIOW                      Temp. Abd.                     Gas                      ENHR                      SIGWX 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                      PBD                     Commingled                      Docket No.                                          Dual Completion                      Docket No.                                          Other (SWD or Inj?)                      Docket No.                     

|                 |                 |                 |
|-----------------|-----------------|-----------------|
| <u>08/18/94</u> | <u>08/29/94</u> | <u>08/30/94</u> |
| Spud Date       | Date Reached TD | Completion Date |

**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                     Title Jim Gowens, V.P. Exploration Date                     Subscribed and sworn to before me this 21 day of Sept 1994.Notary Public                     Date Commission Expires                     

## K.C.C. OFFICE USE ONLY

F ☒ Letter of Confidentiality Attached  
C ☒ Wireline Log Received  
C ☒ Geologist Report Received

☒ KCC                      Distribution                      NGPA  
                     KGS                      Plug                      Other                       
(Specify)

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Form ACO-1 (7-91)

SEP 22 1994

OIL &amp; GAS CONSERVATION DIVISION

## SIDE TWO

Operator Name Hugoton Energy CorporationLease Name VOILESWell # 3-4☐ EastCounty MORTONSec. 4 Twp. 33S Rge. 43W ☒ West**CONFIDENTIAL****ORIGINAL**

**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<br>(Attach Additional Sheets) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datums | <input type="checkbox"/> Sample. |
| Samples Sent to Geological Survey                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Name                                    | Top                               | Datum                            |
| Cores Taken                                          | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Wabaunsee                               | 2673                              | +966                             |
| Electric Log Run<br>(Submit Copy.)                   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Heebner                                 | 3239                              | +400                             |
| List All E. Logs Run: DIL, CNL, MICRO, PE            |                                                                     | Kansas City Pay                         | 3663                              | -24                              |
|                                                      |                                                                     | Morrow Shale                            | 4531                              | -892                             |
|                                                      |                                                                     | Morrow D                                | 4804                              | -1165                            |
|                                                      |                                                                     | Morrow F                                | 4871                              | -1232                            |
|                                                      |                                                                     | Morrow G-2                              | 4964                              | -1325                            |
|                                                      |                                                                     | Keyes                                   | 4979                              | -1340                            |
|                                                      |                                                                     | Chester                                 | 5017                              | -1378                            |
|                                                      |                                                                     | St. Genevieve                           | 5061                              | -1422                            |

## 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"                    | 23#             | 1398'         | 65/35 C Poz Class C | 460<br>150   | 6% D20 + 2% SI + 1/4 #/sk D29<br>2% SI + 1/4 #/sk D29 |
| plugging          |                   |                           |                 | 5120'         | 60/40 H Poz         | 265          | 6% Gel                                                |

## ADDITIONAL CEMENTING/SQUEEZE RECORD

| Purpose:                                | Depth<br>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  |                     |                |              |                            |

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| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Additional Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth |
|----------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-------|
|                |                                                                                           | OCT 26 1995                                                                  |       |
|                |                                                                                           | FROM CONFIDENTIAL                                                            |       |

| TUBING RECORD                                  | Size                 | Set At             | Packer At              | Liner Run     | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|------------------------------------------------|----------------------|--------------------|------------------------|---------------|----------------------------------------------------------|
| Date of First, Resumed Production, SWD or Inj. |                      |                    |                        |               |                                                          |
| Producing Method                               |                      |                    |                        |               |                                                          |
| Estimated Production Per 24 Hours              | Oil <u>N/A</u> Bbls. | Gas <u>N/A</u> Mcf | Water <u>N/A</u> 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) \_\_\_\_\_
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SEP 22 1994

CONSERVATION DIVISION  
WICHITA, KANSAS

## CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER

STAGE

DS

DISTRICT

DATE

8-30-94

DS-496-A PRINTED IN U.S.A.

WELL NAME AND NO.

Voiles #3-4  
FIELD-POOL

LOCATION (LEGAL)

Sec 4-335-43w  
FORMATION

RIG NAME:

Allen Drilling #5  
WELL DATA: BOTTOM TOP

BIT SIZE

CSG/Liner Size

TOTAL DEPTH

WEIGHT

☐ ROT ☐ CABLE

FOOTAGE

MUD TYPE

GRADE

☐ BHST ☐ BHCT

THREAD

MUD DENSITY

LESS FOOTAGE SHOE JOINT(S)

MUD VISC.

Disp. Capacity

TOTAL

NOTE: Include Footage From Ground Level To Head In Disp. Capacity

Float

TYPE

DEPTH

Stage Tool

TYPE

DEPTH

SHOE

TYPE

DEPTH

TYPE

DEPTH

Head &amp; Plugs

☐ TBG

D.P.

SQUEEZE JOB

☐ Double

SIZE

TOOL

TYPE

☐ Single

WEIGHT

DEPTH

☐ Swage

GRADE

TAIL PIPE: SIZE

DEPTH

☐ Knockoff

THREAD

TUBING VOLUME

Bbls

TOP ☐ OR ☐ W☐ NEW ☐ USED

CASING VOL. BELOW TOOL

Bbls

BOT ☐ OR ☐ W

DEPTH

TOTAL

Bbls

ANNUAL VOLUME

Bbls

IS CASING/TUBING SECURED? ☐ YES ☐ NO

LIFT PRESSURE

PSI

CASING WEIGHT ÷ SURFACE AREA  
(3.14 × R<sup>2</sup>)

PRESSURE LIMIT

PSI

BUMP PLUG TO

PSI

ROTATE

RPM

RECIPROCAT

FT

No. of Centralizers

TIME

PRESSURE

VOLUME PUMPED BBL

JOB SCHEDULED FOR

ARRIVE ON LOCATION

LEFT LOCATION

0001 to 2400

TBG OR D.P.

CASING

INCREMENT

CUM

INJECT RATE

FLUID TYPE

FLUID DENSITY

TIME: 1300 DATE: 8-30-94

TIME: 1300 DATE: 8-30-94

SERVICE LOG DETAIL

PRE-JOB SAFETY MEETING

|      |     |  |      |  |   |           |                        |         |
|------|-----|--|------|--|---|-----------|------------------------|---------|
| 0824 | 0   |  | 10   |  | 4 | H2O       | start H2O ahead        | 2550 FT |
| 0827 | 260 |  | 27   |  | 4 | cmf. 13.6 | start cmf slurry       | 1005K   |
| 0834 | 130 |  | 33   |  | 4 | H2O       | start H2O behind       |         |
| 0835 | 90  |  | 26   |  | 4 | mud       | start mud              |         |
| 0841 | 140 |  |      |  |   |           | shutdown plug balanced |         |
| 0906 | 0   |  | 10   |  | 4 | H2O       | start H2O ahead        | 1900 FT |
| 0909 | 260 |  | 13.4 |  | 4 | cmf. 13.6 | start cmf slurry       | 505K    |
| 0912 | 130 |  | 33   |  | 4 | H2O       | start H2O behind       |         |
| 0913 | 110 |  | 20   |  | 4 | mud       | start mud              |         |
| 0917 | 200 |  |      |  |   |           | shutdown plug balanced |         |
| 0928 | 0   |  | 10   |  | 4 | H2O       | start H2O ahead        | 1810 FT |
| 0940 | 210 |  | 13.4 |  | 4 | cmf. 13.6 | start cmf slurry       | 505K    |
| 0943 | 110 |  | 33   |  | 4 | H2O       | start H2O behind       |         |
| 0944 | 100 |  | 13   |  | 4 | mud       | start mud              |         |
| 0947 | 90  |  |      |  |   |           | shutdown plug balanced |         |

REMARKS

| SYSTEM CODE | NO. OF SACKS | YIELD CU. FT/SK | COMPOSITION OF CEMENTING SYSTEMS | SLURRY MIXED BBLs | DENSITY |
|-------------|--------------|-----------------|----------------------------------|-------------------|---------|
| 1.          | 265          | 1.51            | 60M 40paz + 6% go1               | 71.2              | 13.6    |
| 2.          |              |                 |                                  |                   |         |
| 3.          |              |                 |                                  |                   |         |
| 4.          |              |                 |                                  |                   |         |
| 5.          |              |                 |                                  |                   |         |
| 6.          |              |                 |                                  |                   |         |

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| BREAKDOWN FLUID TYPE                    | VOLUME                                                   | DENSITY                                                  | PRESSURE                   | MAX.                                                     |
|-----------------------------------------|----------------------------------------------------------|----------------------------------------------------------|----------------------------|----------------------------------------------------------|
| <input type="checkbox"/> HESITATION SQ. | <input type="checkbox"/> RUNNING SQ.                     | <input type="checkbox"/> YES <input type="checkbox"/> NO | Cement Circulated To Surf. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| BREAKDOWN                               | PSI                                                      | FINAL                                                    | PSI                        | DISPLACEMENT VOL. Bbls                                   |
| Washed Thru Perfs                       | <input type="checkbox"/> YES <input type="checkbox"/> NO | TO                                                       | FT.                        | MEASURED DISPLACEMENT <input type="checkbox"/>           |
| PERFORATIONS                            | TO                                                       | TO                                                       | CUSTOMER REPRESENTATIVE    | DS SUPERVISOR                                            |
|                                         |                                                          |                                                          | G.D. Hall                  | James Esquivel                                           |

SEP 22 1994

MIN. DIVISION

WILDCAT

KANSAS

## CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED.

DS-496-A PRINTED IN U.S.A.

TREATMENT NUMBER

DS 12 6390

DATE

8/20/94

STAGE

DS

DISTRICT

ULYSSES, KANSAS

WELL NAME AND NO.

WOLVES 3-4

LOCATION (LEGAL)

S22.4-335-43W

FIELD POOL

HUGOTON

FORMATION

COUNTY/PARISH

MORTON

STATE

KANSAS

API. NO.

NAME HUGOTON ENERGY

AND

ADDRESS

CONFIDENTIAL

ZIP CODE

SPECIAL INSTRUCTIONS

SAFELY CEMENT 8 5/8" CASING AS  
DIRECTED BY CUSTOMER

IS CASING/TUBING SECURED?

☒ YES ☐ NO

LIFT PRESSURE

525'

PSI

CASING WEIGHT + SURFACE AREA

(3.14 x R<sup>2</sup>)

PRESSURE LIMIT

500 + LIFT

PSI

BUMP PLUG TO 500 + LIFT

ROTATE

8 RPM

RECIPROCATATE

8 FT

No. of Centralizers 3

RIG NAME:

ALLEN RIG #5

WELL DATA:

BIT SIZE 12 1/4"

CSG/Liner Size

BOTTOM #

8 5/8"

TOP

TOTAL DEPTH 1348

WEIGHT

24#

☒ ROT ☐ CABLE

FOOTAGE

1348.05'

MUD TYPE WB

GRADE

☒ BHST ☐ BHCT

THREAD

8rd

MUD DENSITY 9

LESS FOOTAGE

41.6

MUD VISC.

Disp. Capacity

1356.45

TOTAL

1356.4

NOTE: Include Footage From Ground Level To Head In Disp. Capacity

Float

TYPE

AUTO FILL INSERT

DEPTH

1356.45'

Tool

TYPE

DEPTH

Shoe

TYPE

TEXAS PATTERN

DEPTH

1348.05'

Stage Tool

TYPE

DEPTH

Head &amp; Plugs

☐ TBG☐ D.P.

SQUEEZE JOB

☐ Double

SIZE

TOOL

TYPE

☒ Single

WEIGHT

DEPTH

☐ Swage

GRADE

TAIL PIPE: SIZE

DEPTH

☐ Knockoff

THREAD

TUBING VOLUME

Bbls

TOP ☐ OR ☐ WNEW ☐ USED

CASING VOL. BELOW TOOL

Bbls

BOT ☐ OR ☐ W

DEPTH

TOTAL

Bbls

ANNUAL VOLUME

Bbls

ARRIVE ON LOCATION

TIME: 06:30 DATE: 8/20/94

LEFT LOCATION

TIME: 18:15 DATE: 8/20/94

PRE-JOB SAFETY MEETING

TEST OK

START. Job. Pressure Test Lines To 2000 psi.

START H<sub>2</sub>O AHEAD

PRESSURE INCREASED : DECREASE RATE

BREAK CIRCULATION

START LEAD SWARM

PRESSURE CHECK

START TAIL SWARM

SHUTDOWN. DROP TOP PLUG SEP 21

START DISPLACEMENT

Lower Pump Rate

SHUTDOWN

Pump 2 BBL H<sub>2</sub>O SHUTDOWNPump 1/2 BBL H<sub>2</sub>O SHUTDOWN. Did NOT Bumpcheck PLANT. FLOAT H<sub>2</sub>O

Shutdown. Release Damell.

REMARKS

FROM CONFIDENTIAL

| SYSTEM CODE | NO. OF SACKS | YIELD CU. FT/SK | COMPOSITION OF CEMENTING SYSTEMS                |         |      | SLURRY MIXED |  |
|-------------|--------------|-----------------|-------------------------------------------------|---------|------|--------------|--|
|             |              |                 | BBLS                                            | DENSITY | BBLS | DENSITY      |  |
| 1.          | 460          | 2.1             | 65/35 C/POZ + 1.0% DZO + 2.0% SL + 1/4# /SK DZ9 | 172     | 12.2 |              |  |
| 2.          | 150          | 1.32            | CLAS C + 2.0% SL + 1/4# /SK DZ9                 |         | 14.8 |              |  |
| 3.          |              |                 |                                                 |         |      |              |  |
| 4.          |              |                 |                                                 |         |      |              |  |
| 5.          |              |                 |                                                 |         |      |              |  |
| 6.          |              |                 |                                                 |         |      |              |  |

  

| BREAKDOWN FLUID TYPE                    | VOLUME                                                   | DENSITY                                   | PRESSURE                                                 | MAX.                                                                                |
|-----------------------------------------|----------------------------------------------------------|-------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------|
| <input type="checkbox"/> HESITATION SQ. | <input type="checkbox"/> RUNNING SQ.                     | <input type="checkbox"/> CIRCULATION LOST | <input type="checkbox"/> YES <input type="checkbox"/> NO | Cement Circulated To Surf. <input type="checkbox"/> YES <input type="checkbox"/> NO |
| BREAKDOWN                               | PSI                                                      | FINAL                                     | PSI                                                      | DISPLACEMENT VOL.                                                                   |
| Washed Thru Perfs                       | <input type="checkbox"/> YES <input type="checkbox"/> NO | TO                                        | FT.                                                      | MEASURED DISPLACEMENT <input type="checkbox"/>                                      |
| PERFORATIONS                            | TO                                                       | TO                                        | CUSTOMER REPRESENTATIVE                                  | DS SUPERVISOR                                                                       |
| TO                                      | TO                                                       | TO                                        | DAVID R. SARVER                                          |                                                                                     |