

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

API No. 15- 129-21254 - 0006

County Morton
Apprx 240' East of _____ E
C - E/2 - SE - _____ Sec. 30 Twp. 32S Rge. 40W X W

1320 FSL _____ Feet from S/N (circle one) Line of Section
420 FEL _____ Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW, or SW (circle one)

Lease Name Krey Well # 3-30

Field Name Wildcat

Producing Formation MRW

Elevation: Ground 3368' KB 3380'

Total Depth 5800' PBDT _____

Amount of Surface Pipe Set and Cemented at 1946' Feet.

Multiple Stage Cementing Collar Used? X Yes _____ No

If yes, show depth set 3006' Feet

If Alternate II completion, cement circulated from NA

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 2 9H 7-19-94
(Data must be collected from the Reserve File)

Chloride content 1500 ppm Fluid volume 1500 bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: **RELEASED**

Operator Name _____ MAY 6 1996

Lease Name _____ License No. _____

_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

Operator: License # 3871

Name: Hugoton Energy Corporation

Address 229 E. William, Suite 500

City/State/Zip Wichita, KS 67202

Purchaser: _____

Operator Contact Person: Jimmy W. Gowens

Phone (316) 262-1522

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Karl Osterbuhr

Designate Type of Completion

X New Well _____ Re-Entry _____ Workover _____

_____ Oil _____ SWD _____ SIOW _____ Temp. Abd.

_____ Gas _____ ENHR X 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 _____ PBDT

_____ Commingled _____ Docket No. _____

_____ Dual Completion _____ Docket No. _____

_____ Other (SWD or Inj?) _____ Docket No. _____

02/13/94 _____ 03/01/94 _____ 03/17/94 _____

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.

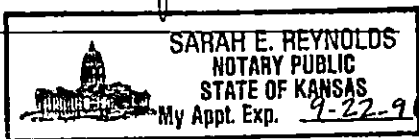
Signature: _____

Title Jimmy W. Gowens, V.P. Exploration Date _____

Subscribed and sworn to before me this 6 day of April 1994.

Notary Public Sarah E. Reynolds

Date Commission Expires _____



K.C.C. OFFICE USE ONLY
F. Letter of Confidentiality Attached
C. Wireline Log Received
C. Geologist Report Received
Distribution
 KCC _____ SWD/Rep
_____ KGS _____ Plug
NGPA RECEIVED
STATE CORPORATION COMMISSION
(Specify)
APR 07 1994

Form ACO-1 (7-91) 4-7-94
CONSERVATION DIVISION
Wichita, Kansas

***** TIGHT HOLE *****

CONFIDENTIAL

SIDE TWO

Operator Name Hugoton Energy Corporation Lease Name Krey Well # 3-30

Sec. 30 Twp. 32S Rge. 40W East West
 County Morton

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 (Attach Additional Sheets) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input 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 | SEE ATTACHED SHEET | |
| Electric Log Run (Submit Copy.) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | KCC | |
| List All E. Logs Run: Array Induction; Comp. Neutron/Comp. Photo-Density; Micro | | APR 6 | |

CASING RECORD

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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# | 1946' | Class 'C' Lite (65/35) | 150 665 | 2% CaCl2 + 1/4 #/D29 6% Gel + 2% CaCl2 + 1/4 #/D29 |
| Production | 7-7/8" | 4-1/2" | 10.5# | 5642' | Class 'C' | 100 | 2%SI + 1/4#/SK D29 + .6% D60 |

ADDITIONAL CEMENTING/SQUEEZE RECORD

| Purpose: | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
|---|------------------|----------------|--------------|----------------------------|
| <input type="checkbox"/> Perforate | | | | RELEASED |
| <input type="checkbox"/> Protect Casing | | | | MAY 6 1996 |
| <input type="checkbox"/> Plug Back TD | | | | |
| <input type="checkbox"/> Plug Off Zone | | | | |

FROM CONFIDENTIAL

| 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 |
| 2 | 5506 - 5524' (18') | | 1500 Gal 15% NE-FE Acid | 5506 - 5524' |
| 2 | 5496 - 5500' (4') | | 500 Gal 15% NE-FE Acid | 5496 - 5500' |
| 2 | 5304 - 5318' (14') | | 1500 Gal 15% NE-FE Acid | 5308 - 5318' |
| 2 | 5234 - 5237' (3') | | 500 Gal 15% NE-FE Acid | 5234 - 5237' |
| | | | 5000 Gal 15% NE-FE Acid | 5234 - 5237' & 5304 - 5318' |

TUBING RECORD

Size 2-3/8" Set At 5503' Packer At 5605' Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. SIGW Producing Method Flowing Pumping Gas Lift Other (Explain)

| | | | | | | | | |
|-----------------------------------|-----|-------|-----|-----|-------|-------|---------------|---------|
| Estimated Production Per 24 Hours | Oil | Bbls. | Gas | Mcf | Water | Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----|-------|-----|-----|-------|-------|---------------|---------|

Disposition of Gas: **METHOD OF COMPLETION**

Vented Sold Used on Lease (If vented, submit ACO-18) Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

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Production Intervals

APR 07 1996

CONSERVATION DIVISION
Wichita, Kansas

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*****TIGHT HOLE*****

HUGOTON ENERGY CORPORATION
ADDITIONAL SHEETS FOR ACO-1
KREY #3-30
API #15-129-21254

ORIGINAL

| <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datums | <input type="checkbox"/> Sample. |
|---|-----------------------------------|----------------------------------|
| Name | Top | Datum |
| Council Grove | 2570 | +809 |
| Wabaunsee | 3007 | +372 |
| Topeka Pay | 3300 | +79 |
| Heebner Shale | 3720 | -341 |
| Marmaton | 4380 | -1001 |
| Morrow | 5082 | -1703 |
| Morrow D - | 5225 | -1846 |
| Morrow E - | 5301 | -1922 |
| Morrow F - | 5407 | -2028 |
| Morrow G-1 - | 5512 | -2133 |
| Morrow G-2 | 5551 | -2172 |
| Keyes | 5620 | -2241 |
| Chester | 5634 | -2255 |
| St. Genevieve | 5719 | -2340 |

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APR 07 1991

CONSERVATION DIVISION
Wichita, Kansas

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****TIGHT HOLE****

Drill Stem Test Information for ACO-1
Hugoton Energy Corporation
Krey #3-30
Sec. 30-32S-40W
Morton County, KS
API #15-129-21254

ORIGINAL

KCC

APR 6

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DST 1

Test Interval 4474' - 4487'

Times

30-60-45-90

First Open

Weak 1/2 inch to strong blow - bottom of bucket in 7 minutes.

Second Open

Very weak 1/4 inch to strong blow in 19 minutes.

Recovery

90' Mud cut water (68% wtr, 32% mud).
530' Saltwater

Pressures

IHP 2116
IFP 36-144
ISIP 1035
FFP 172-289
FSIP 1035
FHP 2078

DST 2

Test Interval 5309' - 5330'

Times

45-60-45-90

First Open

Fair to strong blow - bottom of bucket in 2 minutes.

Second Open

Fair to strong blow - bottom of bucket in 11 minutes

Recovery

30' water cut mud (12% wtr, 88% mud).

Pressures

IHP 2538
IFP 29-38
ISIP 1236
FFP 44-48
FSIP 1251
FHP 2514

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APR 07 1996

CONSERVATION DIVISION
Wichita, Kansas

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER: 03-12-5939 DATE: 2-16-94
 STAGE: DS DISTRICT: 11/cccc Kc.

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

WELL NAME AND NO.: Kpp 3-30
 LOCATION (LEGAL): Sec 30-32s-40

RIG NAME: Duke Neillins #6
 WELL DATA: BIT SIZE: 7 7/8, CSG/Liner Size: X-8, TOTAL DEPTH: 1947, WEIGHT: 28, ROT CABLE: [] FOOTAGE: 1947, MUD TYPE: [] GRADE: 555, BHST: [] BHCT: [] THREAD: 8ed, MUD DENSITY: 12.2, LESS FOOTAGE SHOE JOINT(S): 43, MUD VISC.: [] Disp. Capacity: 121

COUNTY/PARISH: Morton STATE: Kc. API. NO.:

| | | | |
|------|-------|------|-------|
| TYPE | DEPTH | TYPE | DEPTH |
| TYPE | DEPTH | TYPE | DEPTH |

CONFIDENTIAL

NAME: Hugoton Energy Corp
 AND:

ADDRESS: ORIGINAL
 ZIP CODE:

SPECIAL INSTRUCTIONS:

| | | | |
|--------------|------------------|------------------------|-------------|
| Head & Plugs | [] TBG | [] D.P. | SQUEEZE JOB |
| [] Double | SIZE | TOOL | TYPE |
| [] Single | [] WEIGHT | DEPTH | DEPTH |
| [] Swage | [] GRADE | TAIL PIPE: SIZE | DEPTH |
| [] Knockoff | [] THREAD | TUBING VOLUME | Bbls |
| TOP OR OW | [] NEW [] USED | CASING VOL. BELOW TOOL | Bbls |
| BOT OR OW | DEPTH | TOTAL | Bbls |
| | | ANNUAL VOLUME | Bbls |

IS CASING/TUBING SECURED? YES [] NO []
 LIFT PRESSURE: 834 PSI CASING WEIGHT + SURFACE AREA (3.14 x R²)
 PRESSURE LIMIT: 1110 PSI BUMP PLUG TO: 1110 PSI
 ROTATE: RPM [] RECIPROCATE [] FT [] No. of Centralizers: 3

JOB SCHEDULED FOR TIME: 1330 DATE: 2-16-94 ARRIVE ON LOCATION TIME: 1330 DATE: 2-16-94 LEFT LOCATION TIME: 1430 DATE: 2-16-94

| TIME | PRESSURE | | VOLUME PUMPED BBL | | INJECT RATE | FLUID TYPE | FLUID DENSITY | SERVICE LOG DETAIL |
|--------------|-------------|--------|-------------------|-----|-------------|------------|---------------|------------------------|
| | TBG OR D.P. | CASING | INCREMENT | CUM | | | | |
| 0001 to 2400 | | | | | | | | RELEASED |
| 1711 | | 0 | 10 | | 7 | H2O | | PRE-JOB SAFETY MEETING |
| 1713 | | 160 | 249 | | 7 | cmf | 12.2 | start H2O ahead |
| 1730 | | 170 | | 125 | 7 | cmf | 12.2 | start lead cmf. |
| 1748 | | 180 | 35 | | 7 | cmf | 14.5 | psi check |
| 1751 | | 240 | 20 | | 7 | cmf | 14.0 | start tail cmf. |
| 1752 | | 0 | | | | | | psi check |
| 1753 | | 0 | 121 | | 7 | H2O | | shutdown drop top plug |
| 1756 | | 80 | 20 | | 7 | H2O | | start displacement |
| 1801 | | 160 | 50 | | 7 | H10 | | psi check |
| 1803 | | 250 | 70 | | 7 | | | psi check |
| 1806 | | 340 | 90 | | 7 | | | " " |
| 1808 | | 420 | 100 | | 7 | | | " " |
| 1809 | | 460 | 107 | | 7 | | | " " |
| 1809 | | 490 | 110 | | 1 | | | lower rate |
| 1814 | | 380 | 116 | | 1 | | | psi check |
| 1816 | | 400 | 119 | | 1 | | | psi check |

REMARKS: 1110 121 1 bump top plug lead psi at check float-holding and job

| SYSTEM CODE | NO. OF SACKS | YIELD CU. FT/SK | COMPOSITION OF CEMENTING SYSTEMS | | SLURRY MIXED | |
|-------------|--------------|-----------------|----------------------------------|-----------------------------|--------------|---------|
| | | | | | BBLs | DENSITY |
| 1. | 66.5 | 2.10 | 35 part | 6% gel + 2% carb + 1/4" O29 | 248.1 | 12.2 |
| 2. | | | | | | |
| 3. | 150 | 1.32 | class C | + 2% carb + 1/4" O29 | 225.2 | 14.8 |
| 4. | | | | | | |
| 5. | | | | | | |
| 6. | | | | | | |

BREAKDOWN FLUID TYPE: [] HESITATION SQ. [] RUNNING-SQ. CIRCULATION LOST: [] YES [] NO
 PRESSURE: 121 Bbls
 TYPE OF WELL: [] OIL [] GAS [] STORAGE [] INJECTION [] BRINE WATER [] WASTE WATER
 PERFORATIONS: TO TO TO TO

CUSTOMER REPRESENTATIVE: Dusty Brinkley
 DS SUPERVISOR: James Esquivel
 RECEIVED APR 6 1994
 CONSERVATION DIVISION Wichita, Kansas

CEMENTING SERVICE REPORT

CONFIDENTIAL
DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER **3170** DATE **March 1, 1994**
STAGE **DS** DISTRICT **UKS**

DS-496 PRINTED IN U.S.A.

WELL NAME AND NO. **Krey 3-30** LOCATION (LEGAL) **SEC 30 - 30 - 40W**
FIELD-POOL **Hugoton** FORMATION **Marrow**
COUNTY/PARISH **Morton** STATE **KANSAS** API. NO.

RIG NAME: **Duke Dtg #10**
WELL DATA: BIT SIZE **7 7/8** CSG/Liner Size **4 1/2** TOP
TOTAL DEPTH **5003** WEIGHT **1166**
 ROT CABLE FOOTAGE **5244**
MUD TYPE GRADE
 BHST BHCT THREAD **820**
MUD DENSITY LESS FOOTAGE SHOE JOINT(S) **41** **Bl. 8** TOTAL
MUD VISC. Disp. Capacity **5003**

NAME **Hugoton Energy**
AND
ADDRESS
ZIP CODE

ORIGINAL

SPECIAL INSTRUCTIONS
Sally cmt 4 1/2 production csg AS Directed by Customer

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

| | | | | |
|-------|--------------------------------|-------------------|------|-------|
| Float | TYPE Alc fill Haps Jret | DEPTH 5003 | TYPE | DEPTH |
| Shoe | TYPE Cmt 1122 | DEPTH 5244 | TYPE | DEPTH |

IS CASING/TUBING SECURED? YES NO
LIFT PRESSURE **4100** PSI CASING WEIGHT SURFACE AREA (3.14 x R²)
PRESSURE LIMIT **1000** PSI BUMP PLUG TO **700** PSI
ROTATE **---** RPM RECIPROCATATE **---** FT No. of Centralizers **4**

Head & 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 NEW USED CASING VOL. BELOW TOOL Bbls
BOT OR DEPTH TOTAL Bbls
ANNUAL VOLUME Bbls

JOB SCHEDULED FOR TIME: **0300** DATE: **3/1** ARRIVE ON LOCATION TIME: **0300** DATE: **3/1** LEFT LOCATION TIME: **1230** DATE: **3/1**

| TIME | PRESSURE | | VOLUME PUMPED bbl. | | INJECT RATE | | | FLUID TYPE | | | SERVICE LOG DETAIL |
|--------------|-------------|--------|--------------------|-----|-------------|------------|---------------|------------|--|--|---|
| | TBG OR D.P. | CASING | INCREMENT | CUM | INJECT RATE | FLUID TYPE | FLUID DENSITY | | | | |
| 0001 to 2400 | | | | | | | | | | | |
| 11:27 | NA | 200 | .5 | - | .1 | 160 | 8.33 | | | | PRE-JOB SAFETY MEETING: psi test done by... |
| 11:28 | | | 15 | - | 5.4 | 160 | 8.33 | | | | CW 160 + spc |
| 11:31 | | | 29 | - | 5.4 | Cmt | 14.8 | | | | Cmt dump |
| 11:36 | | | | - | 5.4 | | | | | | Shut Down, wash line, Drop dig |
| 11:46 | | | 87 | - | 5.4 | 160 | 8.33 | | | | Displace |
| 11:55 | | | 97 | - | 5.4 | | | | | | Lower Rate |
| 11:58 | | | 86.5 | - | 2.0 | | | | | | Pump dig |
| 12:00 | | | | - | | | | | | | End Job |

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REMARKS

| SYSTEM CODE | NO. OF SACKS | YIELD CU. FT/SK | COMPOSITION OF CEMENTING SYSTEMS | | | | SLURRY MIXED | |
|-------------|--------------|-----------------|--|--|--|--|--------------|---------|
| | | | | | | | BBLs | DENSITY |
| 1. | 100 | 1.32 | Class C + 2% oil + 1/4 #10K #29 + 1.6% 200 | | | | | 23.5 |
| 2. | | | | | | | | |
| 3. | | | | | | | | |
| 4. | | | | | | | | |
| 5. | | | | | | | | |
| 6. | | | | | | | | |

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APR 07 1994

BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX. **700** CONSERVATION DIVISION
 HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO Bbls.
BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. **Bl. 8** Bbls TYPE OIL STORAGE BRINE WATER
Washed Thru Perfs YES NO TO FT. MEASURED DISPLACEMENT WIRELINE OF WELL GAS INJECTION WILDCAT
PERFORATIONS CUSTOMER REPRESENTATIVE DS SUPERVISOR
TO TO TO TO **Mr. Sr. Bogner** **Phog Black**