5-31-33W

COPY

FORM MUST BE TYPED

SIDE ONE

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

Operator: License # 3871

Name: Hugoton Energy Corporation

Address 301 N. Main, Suite 1900

City/State/Zip Wichita, KS 67202

Purchaser: NA

Operator Contact Person: Jim Gowens

Phone (316) 262-1522

Contractor: Name: Allen Drilling Co.

License: 5418

Wellsite Geologist: Jon Christensen

Designate **Type of Completion**

X New Well ____ Re-Entry ____ Workover

____ Oil X SWD ____ SIOW ____ Temp. Abd.
____ Gas ____ ENHR ____ SIGW
____ Dry ____ Other (Core, WSW, Expl., Cathodic, etc.)

orkover/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. ____

5/11/94 Spud Date | 5/25/94 Date Reached TD | 10/25/94 Completion Date

API NO. 15- 175-21387

County SEWARD

C - NE- NW- Sec. 5 Twp. 31S Rge. 33W ____E X W

660 FNL Feet from S(N) (circle one) Line of Section

1980 FWL 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 GASKILL Well # 2-5

Field Name VICTORY

Producing Formation NA

Elevation: Ground 2936' KB 2949'

Total Depth 5585' PBTD 1800'

Amount of Surface Pipe Set and Cemented at 1856' Feet.

Multiple Stage Cementing Collar Used? ____ Yes X No

If yes, show depth set ____ Feet

If Alternate II completion, cement circulated from NA

feet depth to ____ w/ ____ sx cmt.

Drilling Fluid Management Plan ALT I DAW 5-15-96
(Data must be collected from the Reserve Pit)

Chloride content 1800 mg/l ppm Fluid volume 400 bbls

Dewatering method used EVAPORATION

Location of fluid disposal if hauled offsite:

RELEASED

Operator Name ____

JUN 19

Lease Name JUL 15 1996 License No. ____

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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

Title Jim Gowens, V.P. Exploration Date 6/19/1995

Subscribed and sworn to before me this 19 day of June, 1995.

Notary Public Garry D. Walker

Date Commission Expires 9/18/1995

NOTARY PUBLIC
State of Kansas
MY APPT. EXPIRES

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)

JUN 20 1995

Form ACO-1 (7-91)

SIDE TWO

Operator Name Hugoton Energy Corporation Lease Name GASKILL Well # 2-5

☐ East
Sec. 5 Twp. 31S Rge. 33W ☒ West

County SEWARD

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)	☒ Yes	☐ No
Samples Sent to Geological Survey	☒ Yes	☐ No
Cores Taken	☐ Yes	☒ No
Electric Log Run (Submit Copy.)	☒ Yes	☐ No

List All E. Logs Run: PIL-SFL-GR; BHC SONIC-GR; LDL-CNL-GR; ML-GR

☐ Log **Formation (Top), Depth and Datums** ☐ Sample.

Name Top Datum

SEE ATTACHED SHEET

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#/25#	1856'	65/35 Poz Class C	630 150	6% D20 + 2%SI + 1/4 #/sk D29 2% SI + 1/4 #/SK D29

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top	Depth Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate					
__ Protect Casing	3000	3100	60/40 POZ	100	6% Gel
_X_ Plug Back TD	1800	1860	60/40 POZ	50	6% Gel
___ 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
2	1736' - 1766' (30')	750 Gal 15% Regular Acid	1736'-1766'
2	1716' - 1732' (16')	750 Gal 15% Regular Acid	1716'-1732'
		500 Gal 15% Regular Acid	1716'-1766'

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8"	1700'	170'	☐ Yes ☒ No

Date of First, Resumed Production, **SWD** or Inj. 12/14/94 Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

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

Disposition of Gas: **METHOD OF COMPLETION**
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18)

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

Production Inter.
1716' - 1732'
1736'-1766'

Computer Inventoried

Drill Stem Test Information for ACO-1
Hugoton Energy Corporation
Gaskill #2-5
Sec. 5-31S-33W, Seward County, KS
API #15-175-21387

5-31-33W

COPY

DST 1
Test Interval: 4128' - 4192'

Times: 30-60-45-90

1st Open: Weak blow - built to bottom of bucket in 10 min.

2nd Open: Weak blow - built to bottom of bucket in 13 min.

Recovery
90' GIP
270' Oil & Gas Cut Mud
190' Salt Water

Pressures
IHP 2017
IFP 95-122
ISIP 906
FFP 176-230
FSIP 893
FHP 1978

DST 2
Test Interval: 4578' - 4618'

Times: 30-60-45-90

1st Open: Strong blow - bottom of bucket in 1min.

2nd Open: Strong blow - bottom of in 1 min.

Recovery
355' Gassy Oil Cut Mud
75' Gassy Mud Cut Water

Pressures
IHP 2246
IFP 82-82
ISIP 893
FFP 163-176
FSIP 881
FHP 2144

DST 3
Test Interval: 4767' - 4810'

Times: 30-60-30-120

1st Open: 1/2" blow built to 2".

2nd Open: No blow.

Recovery
90' GIP
30' Gas Cut Drilling Mud

Pressures
IHP 2298
IFP 55-55
ISIP 336
FFP 68-68
FSIP 906
FHP 2274

DST 4
Test Interval: 5229' - 5360'

Times: 30-60-45-90

1st Open: Strong blow - built to bottom of bucket in 2 mins.

2nd Open: Bottom of bucket as tool opened.

Recovery
183' Slightly Gas & Oil Cut Mud

Pressures
IHP 2580
IFP 68-68
ISIP 1209
FFP 95-95
FSIP 1235
FHP 2542

DST 5
Test Interval: 5465' - 5520'

Times: 30-60-45-90

1st Open: Good blow off bottom in 11 minutes.

2nd Open: Off bottom in 10 seconds.

Recovery
153' Gas Oil Cut Mud

Pressures
IHP 2565
IFP 21-32
ISIP 1415
FFP 43-53
FSIP 1373
FHP 2533

RCC
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JUL 15 1996

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5-31-33W

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

Additional Information for ACO-1
Hugoton Energy Corporation
Gaskill #2-5
Sec. 5-31S-33W, Seward County, KS
API #15-175-21387

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

Name	Top	Datum
KRIDER	2620	+329
WINFIELD	2686	+263
COUNCIL GROVE	2900	+49
HEEBNER	4060	-1111
LANSING A	4156	-1207
LANSING B	4194	-1245
LANE SHALE	4411	-1462
KANSAS CITY A	4606	-1657
KANSAS CITY B	4660	-1711
MARMATON	4767	-1818
FT SCOTT	4910	-1961
CHEROKEE	4939	-1990
MORROW SHALE	5212	-2263
CHESTER	5363	-2414
ST. GEN.	5382	-2433
ST. LOUIS	5427	-2478

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JUL 15 1996

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KCC

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