

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, Kansas 67202

Purchaser: \_\_\_\_\_

Operator Contact Person: Earl Ringeisen

Phone (316) 262-1522

Contractor: Name: Murfin Drilling Rig #20

License: 30606

Wellsite Geologist: Karl Osterbuhr

Designate Type of Completion

- New Well     Re-Entry     Workover
- Oil     SWD     SIOW     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    \_\_\_\_\_ PBDT
- Commingled    Docket No. \_\_\_\_\_
- Dual Completion    Docket No. \_\_\_\_\_
- Other (SWD or Inj?)    Docket No. \_\_\_\_\_

10/15/96    10/25/96    11/23/96  
 Spud Date    Date Reached TD    Completion Date

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market, Finley State Office 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 Earl Ringeisen

Title Production Manager Date: 01/09/97

Subscribed and sworn to before me this 9th day of Jan '97

Notary Public Arlene Valliquette

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

NOTARY PUBLIC - STATE OF KANSAS  
 ARLENE VALLIQUETTE  
 My Appt. Exp. 7-21-99

ORIGINAL

API NO. 15- 081-21036-000

County Haskell

C - SW - NE S 33 T 29 R 34 W

1980 Feet from N Line of Section

1980 Feet from E Line of Section

Footages Calculated From Nearest Outside Section Corner:

NE, SE, NW, or SW (circle one)

Lease Name MLP Leslie Well # 1-33

Field Name Eubank

Producing Formation Chester

Elevation: Ground 2980 KB \_\_\_\_\_

Total Depth 5590 PBDT \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 1760 Feet.

Multiple State Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

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

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

Drilling Fluid Management Plan Att. 1, 7-7-98 v.c.

(Data must be collected from the Reserve Pit)

Chloride content 4400 ppm Fluid volume 890 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name KCC License No. \_\_\_\_\_

Quarter DEC 4 5 Twp \_\_\_\_\_ R \_\_\_\_\_ E/W

RECEIVED  
STATE CORPORATION COMMISSION

JAN 17 1997  
Docket No. \_\_\_\_\_

County \_\_\_\_\_

CONSERVATION DIVISION  
Wichita, Kansas

**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 Hugoton Energy Corporation Lease Name MLP Leslie Well # 1-33  
 Sec 33 Twp 29S Rge 34 West County Haskell

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores--Report all drillstem 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 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	Heebner	3978	-995
Electric Log Run (Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	4075	-1092
List All E. Logs run:	<b>BHC Acoustilog, Z-Densilog Compensated</b>	Lane Sh	4324	-1341
	<b>Neutron, Minilog Gamma Ray, BHC Acoustilog Compensated Neutron,</b>	Stark	4525	-1542
	<b>High Resolution Dual Induction Focused Log</b>	Hushpuckney	4594	-1611
		Marmaton	4696	-1713
		Excello	4870	-1887
		Morrow	5208	-2225
		Chester	5330	-2347
		St. Louis	5461	-2478

**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#	1760	Lite Class C	500 150	3% cc + 1/4#/sk Flo-seal 3% cc
Production	7-7/8"	5-1/2"	15.5#	5589	Class H	150	2% SI + 1% D60+ 1/4 #/sk D29

**ADDITIONAL CEMENTING/SQUEEZE RECORD**

Purpose:	Depth		Type of Cement	# Sacks Used	Type and Percent Additives
	Top	Bottom			
<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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	5450-5460	1500 gal 7-1/2% NE-FE acid	5450-5460
4	5410-5422	1200 gal 7-1/2% NE-FE acid	5410-5422
4	5372-5380	800 gal 7-1/2% NE-FE acid	5372-5380
	Fracture Fracture	84 bbls gelled water & 3500# 16/30 Ottawa sand 26,500# 16/30 Ottawa Sand & 440 bbls gelled water	

<b>TUBING RECORD</b>	Size <u>2-3/8"</u>	Set At <u>5529'</u>	Packer at <u>NA</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	<u>12/7/96</u>	Producing Method	<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 Bbls <u>18</u>	Gas Mcf <u>0</u>	Water Bbls <u>5</u>	Gas-Oil Ratio <u></u> Gravity <u></u>

Disposition of Gas: **METHOD OF COMPLETION**

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled 5460-5372  
 (If vented, submit (ACO-18))  Other (Specify) \_\_\_\_\_

Production Interval

\*\*\*\*\*TIGHT HOLE\*\*\*\*\*  
Drill Stem Test Information for ACO-1  
Hugoton Energy Corporation  
MLP Leslie #1-33  
Sec. 33-29S-34W, Haskell County, KS  
API # 15-081-21036

ORIGINAL

DST 1

Test Interval: 4057' - 4117'

Times: 30-60-45-90

First Open: Fair blow, built to 6" blow

Second Open: Fair blow, built to 5" blow

Recovery: 180' gas in pipe  
150' drilling mud  
180' watery mud  
245' water

Pressures IHP 2064  
IFP 85-179  
ISIP 1160  
FFP 196-282  
FSIP 1160  
FHP 1851

DST 2

Test Interval: 5186' - 5330'

Times: 30-60-30-60

First Open: Weak surface blow, built to 1/2"

Second Open: Weak surface blow

Recovery: 65' drilling mud

Pressures IHP 2548  
IFP 91-101  
ISIP 203  
FFP 142-142  
FSIP 162  
FHP 2487

CONFIDENTIAL

RELEASED

SEP 16 1998

FROM CONFIDENTIAL

KCC  
DEC 15  
CONFIDENTIAL

RECEIVED  
STATE CORPORATION COMMISSION  
JAN 17 1997  
CONSERVATION DIVISION  
Wichita, Kansas

# ALLIED CEMENTING CO., INC. 6966

REMIT TO: P.O. BOX 31  
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT: Ch. Hwy.

DATE: <u>6/16/86</u>	SEC: <u>33</u>	TWP: <u>27</u>	RANGE: <u>34 W</u>	CALLED OUT	ON LOCATION: <u>5:30 AM</u>	JOB START: <u>6:30 PM</u>	JOB FINISH: <u>6:15 PM</u>
LEASE: <u>Leslie</u>	WELL #: <u>11-37</u>	LOCATION: <u>Santa Fe SW 2-2 W 40 F.R.</u>		COUNTY: <u>Haskell</u>	STATE: <u>KS</u>		

OLD OR NEW (Circle one)

RELEASED

CONTRACTOR: Markin

OWNER: St. Joe SEP 16 1988

TYPE OF JOB: Cut & Seal

CEMENT

HOLE SIZE: 12 1/2" TD

**CONFIDENTIAL** FROM CONFIDENTIAL

CASING SIZE: 8 1/2" DEPTH 176'

AMOUNT ORDERED: 5000 lbs Class C 1 1/2" cement

TUBING SIZE: 8 1/2" DEPTH

150 lbs Class C 1 1/2" cement

DRILL PIPE: 8 1/2" DEPTH

TOOL: 8 1/2" DEPTH

PRES. MAX: 900 MINIMUM: 100

MEAS. LINE: 100 SHOE JOINT: 100

CEMENT LEFT IN CSG: 0

PERFS: 0

COMMON: @  
POZMIX: @  
GEL: @  
CHLORIDE: @

**EQUIPMENT**

PUMP TRUCK CEMENTER: Max  
# 300 HELPER: Terry

DEC 15

BULK TRUCK # 303 DRIVER: Jim

**CONFIDENTIAL**

BULK TRUCK # 257 DRIVER: James

HANDLING @

MILEAGE @

TOTAL

**REMARKS:**

Cut & Seal with 5000 lbs of 1 1/2" cement  
1 1/2" casing & 1 1/2" casing cement 1 1/2" cement  
1 1/2" casing cement 1 1/2" casing cement  
Hold Cement in Pipe Circulator

**SERVICE**

RECEIVED  
JAN 17 1997

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE 101 @

PLUG 5 1/2" Rubber @

TOTAL

CHARGE TO: Houston Energy

**FLOAT EQUIPMENT**

STREET  
CITY STATE ZIP

@  
@  
@  
@  
@

TOTAL

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment  
and furnish cementer and helper to assist owner or  
contractor to do work as is listed. The above work was  
done to satisfaction and supervision of owner agent or  
contractor. I have read & understand the "TERMS AND  
CONDITIONS" listed on the reverse side.

SIGNATURE: [Signature]

CEMENTING SERVICE REPORT

Schlumberger  
Dowell

TREATMENT NUMBER 4723	DATE 10-26
STAGE 1	DS 23
DISTRICT 12	

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

WELL NAME AND NO. MIR 1.0SLIP 1-33	LOCATION (LEGAL) SEC. 32 T. 95. 34E
FIELD-POOL HUSKINSON F. 2nd	FORMATION Mudstone
COUNTY/PARISH LITTON	STATE KS
API. NO.	

RIG NAME: MUSEIA 20	WELL DATA:	BOTTOM	TOP
BIT SIZE 7 1/2	CSG/Liner Size	5 1/2	
TOTAL DEPTH 490	WEIGHT	15.5	
<input type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE	557	
MUD TYPE	GRADE	455	
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD	320	
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S)	5.58	
MUD VISC.	Disp. Capacity	132	
NOTE: Include Footage From Ground Level To Head In Disp. Capacity			TOTAL

ORIGINAL

NAME Huskinson Energy	AND
ADDRESS	ZIP CODE

CONFIDENTIAL

SPECIAL INSTRUCTIONS 3-24-98 cut 5 1/2" pipe custom...
IS CASING/TUBING SECURED? <input type="checkbox"/> YES <input type="checkbox"/> NO
LIFT PRESSURE PSI CASING WEIGHT + SURFACE AREA (3.14 x R <sup>2</sup> )
PRESSURE LIMIT 2000 PSI BUMP PLUG TO 9.100 PSI
ROTATE RPM RECIPROCATATE FT No. of Centralizers 2 + 1A

SHOE	TYPE	DEPTH	SHOE	TYPE	DEPTH
	ALUMINUM	557		PORTLAND	2979
	1 1/2" 2000	557			
Head & Plugs	<input type="checkbox"/> TBG <input type="checkbox"/> D.P.	SQUEEZE JOB			
<input type="checkbox"/> Double	SIZE	TOOL	TYPE		
<input type="checkbox"/> Single	WEIGHT		DEPTH		
<input type="checkbox"/> Swage	GRADE	TAIL PIPE: SIZE		DEPTH	
<input type="checkbox"/> Knockoff	THREAD	TUBING VOLUME		Bbls	
TOP <input type="checkbox"/> OR <input type="checkbox"/> W	<input type="checkbox"/> NEW <input type="checkbox"/> USED	CASING VOL. BELOW TOOL		Bbls	
BOT <input type="checkbox"/> OR <input type="checkbox"/> W	DEPTH	TOTAL		Bbls	
		ANNUAL VOLUME		Bbls	

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME	DATE	TIME	DATE	TIME	DATE	
0001 to 2400											
3747	2100		X				H2O	8.3			DEC 15
389	430	10	X	2.8			H2O	11			CONFIDENTIAL
752	360	10	10	3.8			H2O	11			
755	450	25	27	3.4			CMT	16.4			
802			45				H2O	8.3			
805	150	172	X	5.6			H2O	11			
827	450		50	5.6			H2O	11			
844	60		71	2.5			H2O	11			
870	200		98	5.0			H2O	11			
828	460		122	2.0			H2O	11			RELEASED
824	970		143	2.2			H2O	11			
1431	530		160	2.0			H2O	11			SEP 16 1998
1435	940		133	2.0			H2O	11			FROM CONFIDENTIAL
536							H2O	11			

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
					BBLs	DENSITY
1.	150	1.05	H <sub>2</sub> O	9.1 + 1.9	2.8	16.4
2.						
3.						
4.						
5.						
6.						

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