

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

API NO. 15- 081-21029-0000 ORIGINAL
County Haskell
40'E & 60' S of W/2 SE SE S 28 T 29 S R 34 W

Operator: License # 3871

Name: Hugoton Energy Corporation

Address: 301 N. Main, Suite 1900

CONFIDENTIAL

City/State/Zip Wichita, Kansas 67202

Purchaser: _____

Operator Contact Person: Earl Ringeisen

Phone (316) 262-1522

RELEASED

Contractor: Name: Val Energy

APR 09 1999

License: 5822

Wellsite Geologist: Curtis Covey

FROM CONFIDENTIAL

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 _____ PBTD
- Commingled Docket No. _____
- Dual Completion Docket No. _____
- Other (SWD or Inj?) Docket No. _____

<u>11/20/96</u>	<u>12/01/96</u>	<u>12/27/96</u>
Spud Date	Date Reached TD	Completion Date

600 Feet from S Line of Section

950 Feet from E Line of Section

Footages Calculated From Nearest Outside Section Corner:

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

Lease Name MLP Koenig Well # 1-28

Field Name Eubank South

Producing Formation Chester

Elevation: Ground 2990 KB _____

Total Depth 5650 PBTD 5470

Amount of Surface Pipe Set and Cemented at 1815 Feet.

Multiple State Cementing Collar Used? Yes No

If yes, show depth set 2975 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan Att. 1, 7-798 etc.

(Data must be collected from the Reserve Pit)

Chloride content 6100 ppm Fluid volume 685 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

_____ Quarter Sec Twp _____ R _____ E/W

County _____ Docket No. _____

KCC
MAR 24
CONFIDENTIAL

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market, Finney 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-111 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: 03/20/97

Subscribed and sworn to before me this 20th day of MARCH '97

Notary Public Arlene Valliquette

Date Commission Expires _____

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

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)

3-25-97

Operator Name Hugoton Energy Corporation Lease Name MLP Koenig Well # 1-28
 Sec 28 Twp 29S Rge 34 West County 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 (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	3980	-1004
Electric Log Run (Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing GP	4082	-1106
List All E. Logs run:	Array Induction Micro-resistivity, Microlog	Lansing B	4121	-1145
Gamma Ray, Compensated Neutron Litho-density, Borehole	Compensated Sonic/Gamma Ray	Kansas City A	4533	-1557
		Kansas City B	4610	-1634
		Base Kansas City	4682	-1706
		Marmaton	4690	-1714
		Cherokee Sh	4861	-1885
		Morrow Sh	5192	-2216
		St. Louis	5572	-2596
		Chester	5354	-2318

CASING RECORD							
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#	1815	Lite Class C	550 150	3% cc & 1/4#/sk Flo-cele 3% cc
Production	7-7/8"	5-1/2"	15.5#	5644	Class H	175	2% SI + 1% D60 + 1/4#/sk D29
Port Collar				2975	Class C Class C	220 75	3% D79, 2%cc, .2% D46, 1/4#D29 1/4# D29

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth		Type of Cement	# Sacks Used	Type and Percent Additives
	Top	Bottom			
<input type="checkbox"/> Perforate	5470	5650	Class A	100	
<input checked="" type="checkbox"/> Protect Casing					
<input checked="" 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
	5522-5528	squeezed off	100 sx Class A cement	1000 gal 10% acetic acid	
4	5426-5454		49,260# 16/30 Ottawa Sand & 697 bbls gelled fluid		
4		Fracture			

TUBING RECORD	Size <u>2-7/8"</u>	Set At <u>5429</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>01/18/97</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>470</u>	Gas Mcf <u>346</u>	Water Bbls <u>38</u>	Gas-Oil Ratio <u>736:1</u>
				Gravity

Disposition of Gas: **METHOD OF COMPLETION** Production Interval 5426-5454

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

RECEIVED DEC 12 1996 Schlumberger well

TREATMENT NUMBER: 03-12-8794 DATE: 12-3-96
 STAGE: 7 DS: U1455ES, KS DISTRICT: KS

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

WELL NAME AND NO. **Kornig 1-28** LOCATION (LEGAL) **Sr 28-29S-34W** RIG NAME: **Val Energy**

FIELD-POOL **Hugoton** FORMATION _____ WELL DATA: BIT SIZE **7 7/8** CSG/Liner Size **5 1/2** BOTTOM TOP

COUNTY/PARISH **Grant** STATE **KS** APL. NO. _____ TOTAL DEPTH **5650** WEIGHT **1572** ORIGINAL

NAME **Hugoton Energy** MUD TYPE _____ GRADE _____ FOOTAGE **5649**

AND _____ MUD DENSITY _____ LESS FOOTAGE SHOE JOINT(S) **24** MUD VISC. _____ DISP. CAPACITY _____

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

ADDRESS _____ **CONFIDENTIAL** ZIP CODE _____

SPECIAL INSTRUCTIONS **Safety Cmt Production Closing As Directed by Customer!!**

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE **3695** PSI CASING WEIGHT * SURFACE AREA (3.14 * R²) _____

PRESSURE LIMIT **1500** PSI BUMP PLUG TO **1160** PSI

ROTATE _____ RPM RECIPROCATE _____ FT No. of Centralizers **10**

Head & Plugs Double Single Swage Knockoff

TBG D.P. SQUEEZE JOB

TOOL TYPE _____ DEPTH _____

TUBING VOLUME _____ Bbls

CASING VOL. BELOW TOOL _____ Bbls

TOTAL _____ Bbls

ANNUAL VOLUME _____ Bbls

JOB SCHEDULED FOR TIME: **ASAP** DATE: **12-2-96** ARRIVE ON LOCATION TIME: **1730** DATE: **12-2-96** LEFT LOCATION TIME: **0200** DATE: **12-3-96**

TIME	PRESSURE		VOLUME PUMPED BBL		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
	TBG OR D.P.	CASING	INCREMENT	CUM				
0001 to 2400								
2330								PRE-JOB SAFETY MEETING PSI Test To 2250 PSI
2333		300	10	0	5.5	H2O	8.3	H2O Ahead
2337		100	10	10	5.5	rw100	8.3	START Chem. Wash
2338								End Chem Wash
2338		350	10	20	5.5	H2O	8.3	START H2O
2341		420	34	30	5.5	CMT	16.4	CMT Slurry
2349								Shutdown Wash To Pit
2355		500	105	64	5.5	H2O	8.3	Drop Plug START Displacement
0011		790	27	169	3.0	H2O	8.3	Lower Pump Rate
0023		1160		198				Bump Plug Shutdown
0024		0						Bled PSI, Float Holding
0025								End Job Knock Off Head & Manifold
0026								STOP ACC.
								KCC
								Cmt Mouse-Hole
0100		50	4	0	1.5	CMT	14	Cmt Rat Hole MAR 24

REMARKS _____ **CONFIDENTIAL**

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
					BBLs	DENSITY
1.	175	1.05	Class H-2%	S-1-1%	D60-74	16.4
2.						
3.						
4.						
5.						
6.						

BREAKDOWN FLUID TYPE _____ VOLUME _____ DENSITY _____ PRESSURE **1160** MAX. **100** MIN:

HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO Bbls.

BREAKDOWN PSI FINAL _____ PSI DISPLACEMENT VOL. **139** Bbls TYPE OF WELL OIL STORAGE BRINE WATER GAS INJECTION WILDCAT

Washed Thru Perfs YES NO TO _____ FT. MEASURED DISPLACEMENT WIRELINE

PERFORATIONS _____ TO _____ TO _____ TO _____ CUSTOMER REPRESENTATIVE **Joe Brougher** DS SUPERVISOR **Warren D Shilling**

RECEIVED KANSAS CORP 11:20 AM MAR 25

CEMENTING SERVICE REPORT

Schlumberger
Dowell

TREATMENT NUMBER: **03-12-8821** DATE: **12-12-90**
STAGE: **DS** DISTRICT: **WYSSAC KC**

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

WELL NAME AND NO. **KOPAL #1-28** LOCATION (LEGAL) **Sec. 28-29c-34w** RIG NAME: **Patrick Well Service**
FIELD-POOL **FUBANK** FORMATION _____ WELL DATA: BIT SIZE _____ CSG/Liner Size **5 1/2** BOTTOM _____ TOP _____
COUNTY/PARISH **Haskell** STATE **Kc.** API. NO. _____ MUD TYPE _____ GRADE _____ MUD DENSITY _____ LESS FOOTAGE SHOE JOINT(S) _____ MUD VISC. _____ Disp. Capacity _____

NAME **Hugoton Energy Corp** ADDRESS **CONFIDENTIAL** ZIP CODE _____
SPECIAL INSTRUCTIONS **RELEASED**

APR 09 1999
IS CASING/TUBING SECURED? YES NO FROM CONFIDENTIAL
LIFT PRESSURE _____ PSI CASING WEIGHT + SURFACE AREA (3.14 x R²) _____
PRESSURE LIMIT _____ PSI BUMP PLUG TO _____ PSI
ROTATE _____ RPM RECIPROCATATE _____ FT No. of Centralizers _____

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	TIME	DATE	
0001 to 2400													
1429	0		15				H ₂ O						
1432	2000			15									
1436	0		3		2		H ₂ O						
1438	160		127		4		CMT 11'						
1445	140			25	4		CMT 11'						
1455	190			60	4		CMT 11'						
1505	315			100	4		CMT 11'						
1510	400			120	4		CMT 11'						
1512	390		18		4		CMT 14.8						
1515	770			10	4		CMT 14.8						
1517	120		16.5		4		H ₂ O						
1520	460			10	4		H ₂ O						
1521	600			13	4		H ₂ O						
1522	700			16.5									
1523	480						H ₂ O						
1525	7070												

REMARKS: **1526** **bleed psi of**

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
							BBLs	DENSITY
1.	220	3.23	class C + 3% D 79 + 2% cement + 2% D 46 + 1/4 #1 D 29				126.5	14.7
2.								
3.	75	1.32	class C + 1% D 29				17.0	14.7
4.								
5.								
6.								

BREAKDOWN FLUID TYPE: _____ VOLUME _____ DENSITY _____ PRESSURE MAX. _____ MIN. _____
 HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO
 BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. Bbls TYPE OF WELL OIL STORAGE BRINE/WATER
 GAS INJECTION WILDCAT
 Washed Thru Perfs YES NO TO FT. MEASURED DISPLACEMENT WIRELINE
 PERFORATIONS TO TO CUSTOMER REPRESENTATIVE **Tom Bouchard** DS SUPERVISOR **...**

RECEIVED
 KANSAS CORP COM
 1991 MAR 25 A 11:20

ALLIED CEMENTING CO., INC. 7486

ORIGINAL

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

SERVICE POINT:

Oakley

DATE <u>11/21/96</u>	SEC. <u>28</u>	TWP. <u>29s</u>	RANGE <u>34w</u>	CALLED OUT	ON LOCATION <u>10:00 PM</u>	JOB START <u>12:30 AM</u>	JOB FINISH <u>1:45 AM</u>
MLP LEASE <u>Koeing</u>	WELL# <u>1-28</u>	LOCATION <u>Satanta 3N 2W 4N W15</u>			COUNTY <u>Haskell</u>	STATE <u>Ks</u>	

OLD OR NEW (Circle one)

CONTRACTOR <u>Val Energy Rig #1</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Cmt 8 3/4 Surface Csg.</u>	CONFIDENTIAL
HOLE SIZE <u>12 1/4</u>	T.D. <u>1815</u>
CASING SIZE <u>8 3/4 23#</u>	DEPTH <u>1815</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>875</u>	MINIMUM <u>150</u>
MEAS. LINE	SHOE JOINT <u>25</u>
CEMENT LEFT IN CSG. <u>25</u>	
PERFS.	

RECEIVED
KANSAS CORP
OAKLEY
1997 MAR 25 A

	RELEASED		
EQUIPMENT	APR 09 1999		
PUMP TRUCK # <u>300</u>	CEMENTER <u>Max</u>	HELPER <u>Terry</u>	
BULK TRUCK # <u>305</u>	DRIVER <u>Wayne</u>		
BULK TRUCK # <u>309</u>	DRIVER <u>Dean</u>		
	MAR 24	TOTAL	<u>9,161²⁰</u>

REMARKS:

CONFIDENTIAL

SERVICE

Cmt 8 3/4 surface csg with 550 sks Lite + 390cc 4# Flo-Seal + 150 sks Class C + 390cc	DEPTH OF JOB <u>1815</u>
Drop Plug Displace 114 PBL Land	PUMP TRUCK CHARGE <u>1,030⁰⁰</u>
Plug Float Held Cement Did Circulate	EXTRA FOOTAGE @
	MILEAGE <u>22 - MI</u> @ <u>2⁸⁵</u> <u>62⁷⁰</u>
	PLUG <u>8 3/4 Rubber Plug</u> @ <u>90⁰⁰</u>
	TOTAL <u>4,182⁷⁰</u>

CHARGE TO: Hugoton Energy Corp.
STREET 4532 W Jones Ave.
CITY Garden City STATE Kan ZIP 67846

FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

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 Deb Smith

ALLIED CEMENTING CO., INC. 7493

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

CONFIDENTIAL
ORIGINAL

SERVICE POINT: Medicine Lodge

DATE <u>12/14/96</u>	SEC. <u>28</u>	TWP. <u>29s</u>	RANGE <u>34W</u>	CALLED OUT	ON LOCATION <u>8:00 AM</u>	JOB START <u>8:30 AM</u>	JOB FINISH <u>10:45 AM</u>
LEASE <u>Koeling</u>	WELL# <u>1-28</u>	LOCATION <u>Satanta 3N 2W 4N W/S</u>			COUNTY <u>Haskell</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR Patrick Well Serv.
 TYPE OF JOB Sauceze
 HOLE SIZE _____ T.D. _____
 CASING SIZE 5 1/2 DEPTH _____
 TUBING SIZE 2 3/4 DEPTH 5469
 DRILL PIPE _____ DEPTH _____
 TOOL PKK-Schlumberger DEPTH 5469
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. 5522-5528

OWNER Same
 AMOUNT ORDERED _____
100 SKs Class A
 COMMON 100 SKs @ 7.20 720.00
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE RELEASED @ _____
 _____ @ _____
APR 09 1999 @ _____
 _____ @ _____
 FROM CONFIDENTIAL @ _____
 HANDLING 100 SKs @ 1.05 105.00
 MILEAGE 100 x .04 x 21 84.00
 TOTAL 909.00

EQUIPMENT

PUMP TRUCK CEMENTER Allen
 # 302 HELPER Justin
 BULK TRUCK
 # _____ DRIVER Jim
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

SERVICE

DEPTH OF JOB 5528
 PUMP TRUCK CHARGE _____ 1312.00
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 21 M @ 2.85 59.85
 PLUG _____ @ _____
Sauceze Manifold @ 75.00 75.00
 _____ @ _____
 TOTAL 1446.85

CHARGE TO: Hugoton Energy
 STREET 301 N. Main St. 1900
 CITY Wichita STATE Ko. ZIP 67202

FLOAT EQUIPMENT

 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 TOTAL _____

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.

TAX _____
 TOTAL CHARGE 2355.24
 DISCOUNT 357.29 37 IF PAID IN 30 DAYS

SIGNATURE Joe Brongher

*****TIGHT HOLE*****
Drill Stem Test Information for ACO-1
Hugoton Energy Corporation
MLP Koenig #1-28
Sec. 28-29S-34W, Haskell County, KS
API # 15-081-21029

ORIGINAL

RELEASED

APR 09 1999

DST 1

Test Interval: 5182' - 5294'

Times: 30-60-45-90

First Open: Strong blow. Off BOB in 30 sec. GTS in 5 min. Strong blow back off BOB during shut-in

Second Open: Strong blow. Off BOB in 30 sec. Oil to surface in 30 min. Strong blow back off BOB during shut-in

Recovery: 4200' clean oil
45' heavy oil cut mud

Pressures IHP 2501
IFP 745-918
ISIP 1330
FFP 1048-1178
FSIP 1319
FHP 2480

CONFIDENTIAL

FROM CONFIDENTIAL

DST 2

Test Interval: 5417' - 5450'

Times: 30-60-60-90

First Open: Strong blow. Off BOB immediately. GTS in 5 min. Strong blow back off BOB during shut-in

Second Open: Strong blow. Off BOB in 30 sec. Strong blow back off BOB during shut-in

Recovery: 4700' clean gassy oil
45' muddy oil

Pressures IHP 2568
IFP 332-452
ISIP 1483
FFP 565-965
FSIP 1477
FHP 2512

KCC
MAR 24
CONFIDENTIAL
RECEIVED
KANSAS CORP COMM
1997 MAR 25 A 11:20