

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

API NO. 15- 189-22024 - 00 - 00  
County Stevens  
C - SW - SE S 15 T 33S R 36 W

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: Gabbert & Jones #12

License: 5842

Wellsite Geologist: Wes Hansen

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
- Plug Back
- Commingled
- Dual Completion
- Other (SWD or Inj?)

11/22/95 Spud Date      12/03/95 Date Reached TD      02/01/96 Completion Date

660 Feet from  Line of Section  
1980 Feet from  Line of Section

Footages Calculated From Nearest Outside Section Corner:

NE,  NW, or SW (circle one)

Lease Name Mueller Well # 2-15

Field Name North Walkemeyer

Producing Formation Morrow/Mississippian

Elevation: Ground 3032' KB 3046'

Total Depth 6500' PBSD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 1745 Feet.

Multiple State Cementing Collar Used?  Yes  No

If yes, show depth set 3111 Feet

If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan ALT 1 894 9-4-96

(Data must be collected from the Reserve Pit)

Chloride content 1100 ppm Fluid volume 697 bbls

Dewatering method used \_\_\_\_\_

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

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

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

Quarter Sec 22 Twp \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

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-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.

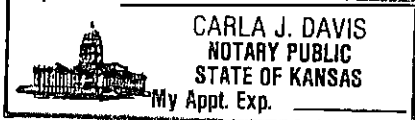
Signature Earl Ringeisen

Title Production Manager Date: 03/20/96

Subscribed and sworn to before me this 20th day of March

Notary Public Carla J. Davis

Date Commission Expires 7-8-98



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 Mueller Well # 2-15  
 Sec 15 Twp 33S Rge 36 West County Stevens

**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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log      Formation (Top), Depth and Datums <input type="checkbox"/> Sample Name      Top      Datum Heebner      4168      -1122 Lansing      4302      -1256 Marmaton      5051      -2005 Morrow Sh      5778      -2732 Morrow G-1      6034      -2988 Morrow G-2      6071      -3025 St. Genevieve      6269      -3223
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Electric Log Run (Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
List All E. Logs run: <u>Micro-Resistivity Log, Compensated Neutron/ Compensated Photo-Density Log, Array Induction Shallow Focused Electric Log</u>		

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"	24#	1745'	35/65 Poz/C Class C	600 150	6% D20 + 2% SI + 1/4#/sk D29 2% SI + 1/4#/sk D29
Production	7-7/8"	4-1/2"	11.6#	6500	Self Stress	175	2% cc, 5% D60, 2% D46, 1/4#/sk D29
Port Collar				3111'	Lite Class C	500 150	1/4#/ sk Flo-Seal

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	6422'-6430'		750 gal 15% NE-FE acid	
4	6074-6106' & 6036-6046'		750 gal 15% NE-FE acid	6422-6430	
			3500 gal 15% NE-FE acid & 380,000 cu ft nitrogen	6036-6137'	
	Fracture		500 gal 15% NE-FE acid	6036-6046	
			500 gal 15% NE-FE acid	6074-6106	
			101,220# 16/30 Ottawa Sand & 333 bbbls cross link gelled pad		

<b>TUBING RECORD</b>		Size <u>2-3/8"</u>	Set At <u>6496</u>	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. <u>2-19-96</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>1</u>	Gas Mcf <u>156</u>	Water Bbls <u>7</u>	Gas-Oil Ratio	Gravity

Disposition of Gas: **METHOD OF COMPLETION**      Production Interval

Vented     Sold     Used on Lease     Open Hole     Perf.     Dually Comp.     Commingled 6074'-6430' O.A.

(If vented, submit (ACO-18))       Other (Specify) \_\_\_\_\_

CEMENTING SERVICE REPORT

Schlumberger

Dowell

JOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER

03-12-7876

DATE

7-1-7295

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

WELL NAME AND NO. Muller # 2-15		LOCATION (LEGAL) SEC 15-335-36W		RIG NAME: Gabbert + Jones #12	
FIELD-POOL HUGOTON		FORMATION SURFACE		WELL DATA:	
COUNTY/PARISH STEVENS		STATE KANSAS		APL. NO.	
NAME Hugoton Energy		AND		ADDRESS	
SPECIAL INSTRUCTIONS		SQUEEZE JOB		TOTAL	

ORIGINAL

CONFIDENTIAL

Safety Cmt. 8 3/8 Surface Casing w/  
100 SKS 3 5/8 90% + 60 D20 + 2% S1 + 4 #1/  
SK D29 (LEAD); 150 SKS Class 'C' + 2% S1 +  
4 #1 SK D29

IS CASING/TUBING SECURED?  YES  NO

LIFT PRESSURE 721 PSI CASING WEIGHT + SURFACE AREA (3.14 x R<sup>2</sup>)

PRESSURE LIMIT 1260 PSI BUMP PLUG TO 500 OVER PSI

ROTATE RPM RECIPROCATATE FT No. of Centralizers 3

Float	TYPE	DEPTH	Stage Tool	TYPE	DEPTH
	Office Fill Insert	1710.08			
SHOE	TYPE	DEPTH			
	CMT NOSE GUIDE	1751.08			

JOB SCHEDULED FOR TIME ASAP DATE: 11/22/95

ARRIVE ON LOCATION TIME: 2400 DATE: 11/23/95

LEFT LOCATION TIME: DATE:

TIME	PRESSURE		VOLUME PUMPED BBL		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
	TBG OR D.P.	CASING	INCREMENT	CUM				
0330								PRE-JOB SAFETY MEETING
0352	-	2000	-	-	-	H2O	8.34	PSI TEST LINES
0354	-	40	15	-	5.7	H2O	8.34	START H2O SPACER
0357	-	310	224	15	5.7	CMT	12.2	START LEAD SLURRY
0437	-	180	35	239	5.7	CMT	14.8	START TAIL SLURRY
	-	-	-	274	-	-	-	SHUT-DOWN / DRIP TOP PLUG
0451	-	-	108.9	-	5.7	H2O	8.34	START Displacement
0456	-	150	-	29.7	5.7	H2O	8.34	PSI CHECK / CMT TO SURFACE
0511	-	470	-	100	2.0	H2O	8.34	PSI CHECK / LOWER RATE
0515	-	1260	-	108	2.0	H2O	8.34	SHUT DOWN / Bump Plug / Check Float
0516	-	-	-	-	-	-	-	Bleed lines / End Job.

RELEASED

APR 6 1998

RECEIVED  
KANSAS CORP. CO. 11  
MAR 20  
CONFIDENTIAL

REMARKS FROM CONFIDENTIAL

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS			SLURRY MIXED	
						BBLs	DENSITY
1.	100	2.1	3 5/8 90% + 60 D20 + 2% S1 + 4 #1 SK D29			224	12.2
2.	150	1.32	Class 'C' + 2% S1 + 4 #1 SK D29			35	14.8
3.							
4.							
5.							
6.							

BREAKDOWN FLUID TYPE

HESITATION SQ.  RUNNING SQ. CIRCULATION LOST  YES  NO

Pressure Cement Circulated To Surf.  YES  NO 79 Bbls.

BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. 108.9 Bbls

Washed Thru Perfs  YES  NO TO FT. MEASURED DISPLACEMENT  WIRELINE

PERFORATIONS TO TO CUSTOMER REPRESENTATIVE Max DEAN DS SUPERVISOR Jon Sosa

# ALLIED CEMENTING CO., INC. 3806

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

ORIGINAL

SERVICE POINT: OAKLEY, KS

DATE <u>12-22-95</u>	SEC. <u>15</u>	TWP. <u>33S</u>	RANGE <u>36W</u>	CALLED OUT	ON LOCATION <u>9:15 AM</u>	JOB START <u>10:00 AM</u>	JOB FINISH <u>11:30 AM</u>
LEASE <u>MUELLER</u>		WELL # <u>2-15</u>	LOCATION <u>MOSCOW 105 1/2 W</u>	COUNTY <u>STEVENS</u>		STATE <u>KS</u>	

CONFIDENTIAL

CONTRACTOR <u>MURFIN</u>	OWNER <u>SAME</u>
TYPE OF JOB <u>PORT COLLAR</u>	CEMENT
HOLE SIZE _____ T.D.	
CASING SIZE <u>4 1/2"</u> DEPTH _____	AMOUNT ORDERED <u>500 SKS LITE &amp; FLO-SEAL</u>
TUBING SIZE <u>2 3/4"</u> DEPTH <u>3111'</u>	<u>150 SKS CLASS C</u>
DRILL PIPE _____ DEPTH _____	
TOOL _____ DEPTH _____	
PRES. MAX _____ MINIMUM _____	COMMON _____
MEAS. LINE _____ SHOE JOINT _____	POZMIX _____
CEMENT LEFT IN CSG. _____	GEL _____
PERFS. <u>PORT COLLAR 3111' Bottom</u>	CHLORIDE _____
EQUIPMENT	
PUMP TRUCK CEMENTER <u>TERRY MAY</u>	HANDLING _____
# _____ HELPER _____	MILEAGE <u>115954</u>
BULK TRUCK _____	
# _____ DRIVER _____	
BULK TRUCK _____	
# <u>303</u> DRIVER <u>DOH</u>	

REMARKS:  
MIX 500 SKS LITE FOLLOWED BY  
150 SKS CLASS C TO 3111'. CEMENT +  
DID CIRC. DISPLACE WITH 11 BBL.  
WATER. REVERSE OUT.

DEPTH OF JOB <u>3111</u>	TOTAL _____
PUMP TRUCK CHARGE _____	
EXTRA FOOTAGE _____ @ _____	
MILEAGE _____ @ _____	
PLUG _____ @ _____	
RELEASED _____ @ _____	
APR 6 1998	TOTAL _____
FROM CONFIDENTIAL	
FLOAT EQUIPMENT	
_____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	
TOTAL _____	

CHARGE TO: HUGOTON ENERGY

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

4358.25  
Less 1271.65  
5086.60

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 J. Brangher

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS



# DOWELL SCHLUMBERGER INCORPORATED

P.O. BOX 4378 HOUSTON, TEXAS 77210

CUSTOMER

## OILFIELD SERVICES

RELEASED

DSI SERVICE ORDER  
RECEIPT AND INVOICE NO.

03-12-7919

DSI SERVICE LOCATION NAME AND NUMBER

1145555 KS 03-12

CUSTOMER NUMBER

APR 6 1998

CUSTOMER P.O. NUMBER

TYPE SERVICE CODE

285

BUSINESS CODES

CUSTOMER'S  
NAME

FROM CONFIDENTIAL  
HUGOTON ENERGY

WORKOVER  
NEW WELL  
OTHER

W  
 N

API OR IC NUMBER

ADDRESS

CONFIDENTIAL ORIGINAL

CITY, STATE AND  
ZIP CODE

IMPORTANT SEE OTHER SIDE FOR TERMS & CONDITIONS				
ARRIVE LOCATION	MO.	DAY	YR.	TIME
	12	04	95	0130

SERVICE ORDER I authorize work to begin per service instructions in accordance with terms and conditions printed on the reverse side of this form and/or attached to this form and represent that I have authority to accept and sign this order.

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE

*John Brougher*

JOB COMPLETION	MO.	DAY	YR.	TIME

SERVICE RECEIPT I certify that the materials and services listed were received and all services performed in a workmanlike manner.

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE

*John Brougher*

STATE	CODE	COUNTY / PARISH	CODE	CITY
KS	15	STEVENS		HUGOTON

WELL NAME AND NUMBER / JOB SITE	LOCATION AND POOL / PLANT ADDRESS	SHIPPED VIA
MUELLEN # 7-15	SECT 15 - 33S - 36W	DOWELL UNITS

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
102871-065	CMT PUMP	EA	1	2050.00	2050.00
059200-002	MILEAGE	MI	33	2.95	97.35
059697-000	PACIR	EA	1	167.00	167.00
048601-000	CMT HEAD	EA	1	70.00	70.00
049102-000	HAULING	TM	363	1.05	381.15
049100-000	SERVICE CHARGE	CUFT	219	1.43	313.17
040015-000	D909 CLASS H	CUFT	175	9.00	1575.00
045020-100	D53 GYPSUM	lbs	1645	.44	723.80
045004-050	D44 SALT	lbs	1076	.13	139.88
067005-100	SI CALCIUM CHLORIDE	lbs	329	.44	144.76
044003-025	D29 CELLOPHANE FLAKES	lbs	44	1.77	77.88
044002-050	D60 FLUID LOSS	lbs	82	9.30	726.60
047002-050	D46 ANTIFOAM	lbs	33	3.41	112.53
100282-000	CW7 CHEMICAL WASH	BBL	10	32.20	322.00
050101-044	CMT. GUIDE SHOE	EA	1	120.00	120.00
102791-001	ORIFICE INSERT KIT	EA	1	40.00	40.00
053002-044	FLAPPER INSERT	EA	1	190.00	190.00
056011-044	CENTRALIZERS	EA	8	58.00	464.00
056702-044	TOP PLUG	EA	1	49.00	49.00
056008-044	CEMENTING BASKET	EA	1	162.00	162.00
057499-001	THREAD LOCKING COMPOUND	EA	1	28.00	28.00

SUB TOTAL

Field EST. \$ 7954.12 LESS DISCOUNT \$ 5408.80

LICENSE/REIMBURSEMENT FEE

LICENSE/REIMBURSEMENT FEE

REMARKS:

THANKS FOR CALLING DOWELL

Louie & CREW

STATE % TAX ON \$

COUNTY % TAX ON \$

CITY % TAX ON \$

SIGNATURE OF DSI REPRESENTATIVE

TOTAL \$

*Louie H. Dillon*

ALL  
MAR 20  
CONFIDENTIAL