

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

API NO. 15- 075-20531-0025 **CONFIDENTIAL**  
County HAMILTON  
C - NW -      -      Sec. 29 Twp. 24S Rge. 40W X W<sup>E</sup>

Operator: License # 3871

1320 FNL Feet from S/N (circle one) Line of Section

Name: Hugoton Energy Corporation

1320 FWL Feet from E/W (circle one) Line of Section

Address 229 E. William, Suite 500

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

City/State/Zip Wichita, KS 67202

Lease Name WOOD Well # 5A-29

Purchaser: Natural Gas Clearing **KCC**

Field Name BRADSHAW

Operator Contact Person: Jimmy W. Gowens **MAY 1 8**

Producing Formation CHASE

Phone (316) 262-1522

Elevation: Ground 3238' KB 3247'

Contractor: Name: Murfin Drilling Co., Inc. **CONFIDENTIAL**

Total Depth 5250' PBDT 2400'

License: 30606

Amount of Surface Pipe Set and Cemented at 1395 Feet.

Wellsite Geologist: Don Pate

Multiple Stage Cementing Collar Used?      Yes X No

Designate Type of Completion  
X New Well      Re-Entry      Workover

If yes, show depth set      Feet

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

If Alternate II completion, cement circulated from     

feet depth to      w/      sx cmt.

If Workover/Re-Entry: old well info as follows **RECEIVED**  
**KANSAS CORPORATION COMMISSION**  
**5-19-94**  
**MAY 1 9 1994**

Drilling Fluid Management Plan ALT 1 2 3 8-19-94  
(Data must be collected from the Reserve Pit)

Operator:     

Chloride content      ppm Fluid volume      bbls

Well Name:     

Dewatering method used     

Comp. Date      Old Total Depth      **CONSERVATION DIVISION**  
**WICHITA, KS**

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

     Deepening      Re-perf.      Conv. to Inj/SWD  
     Plug Back      PBDT       
     Commingled      Docket No.       
     Dual Completion      Docket No.       
     Other (SWD or Inj?)      Docket No.     

Operator Name      **JUN 1 4 1996**

Lease Name      License No.      **FROM CONFIDENTIAL**

03/03/94 03/12/94 04/25/94  
Spud Date Date Reached TD Completion Date

     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 *Jimmy W. Gowens*

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

Subscribed and sworn to before me this 19 day of May, 19 94.

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           NGPA  
     KGS      Plug           Other  
(Specify)

**SARAH E. REYNOLDS**  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 4-22-96

**\*\*\*TIGHT HOLE\*\*\***

**CONFIDENTIAL**

SIDE TWO

Operator Name Hugoton Energy Corporation Lease Name WOOD Well # 5A-29

East

County HAMILTON

**ORIGINAL**

Sec. 29 Twp. 24S Rge. 40W  
 West

API # 15-075-20531-0000

**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	<p><b>KCC</b></p> <p><b>MAY 1 8</b></p> <p><b>CONFIDENTIAL</b></p> <p><b>RECEIVED</b></p> <p><b>KANSAS CORPORATION COMMISSION</b></p>	<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		KRIDER	2333	+914
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		WINFIELD	2432	+815
List All E. Logs Run:	DSI, PDS, SCS, MLS	HEEBNER	3664	-417	
		LANSING	3723	-476	
		LANSING 'G' POROSITY	3904	-657	
		BKC	4215	-968	
		MARMATON	4262	-1015	
		FORT SCOTT	4408	-1161	
		CHEROKEE SHALE	4420	-1173	
		MORROW SHALE	4877	-1630	
		ST. GEN.	5132	-1885	

MAY 1 9 1994 CASING RECORD

CONSERVATION DIVISION  
WICHITA, KS

Report all strings set conductor, surface, intermediate, production, etc.

New  Used

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"		1395'	65/35 poz Class 'C'	350 150	6% gel + 3% cacl2 + 1/4#/sk D29 3% cacl2 + 1/4#/sk D29
production	7-7/8"	4-1/2"	10.5#	2378'	65/35 poz Class 'C'	435 75	6% gel + 2% cacl2 + 1/4#/sk D29 2% cacl2 1/4#/sk D29 + 0.6% D60

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top	Depth Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input checked="" type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	2400'	2500'	65/35 poz	65	6% gel + 2% cacl2 + 1/4#/sk D29

**RELEASED**  
**JUN 1 4 1996**

FROM CONFIDENTIAL

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
	Size	Set At	Packer At	Liner Run	
2	2-3/8"	2373'	NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		2334' - 2344' (10')			2334-2344'
					2334-2344'
					2334-2344'

**TUBING RECORD**

Size 2-3/8" Set At 2373' Packer At NA Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. 05/11/94 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	0		180		80			

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

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled 2334' - 2344'

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

CEMENTING SERVICE REPORT

Schlumberger

15-075-20531-0000

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER	DATE
03-13-5996	3-5-94
STAGE	DISTRICT
DS	WVSSOS, KS.

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

WELL NAME AND NO. Woods SA-29	LOCATION (LEGAL) Sec 29-24s-40W	RIG NAME MURFIN Drilling
FIELD-POOL	FORMATION	WELL DATA: BIT SIZE 2 1/2, CSG/Liner Size 2 3/8, TOTAL DEPTH 1398, WEIGHT 24, ROT/CABLE, FOOTAGE 1398, MUD TYPE, GRADE, MUD DENSITY 13.4, MUD VISC. 86.8
COUNTY/PARISH Hamilton	STATE KS.	API. NO.
NAME Hugoton Energy Corp	ORIGINAL	
AND	NOTE: Include Footage From Ground Level To Head In Disp. Capacity	

ADDRESS	RECEIVED KANSAS CORPORATION COMMISSION
SPECIAL INSTRUCTIONS	TYPE Laffle Plate, DEPTH 1364, TYPE CMT Nose, DEPTH 1398

MAY 19 1994	CONSERVATION DIVISION WICHITA, KS
IS CASING/TUBING SECURED? YES	PSI CASING WEIGHT SURFACE AREA (3.14 x R <sup>2</sup> )
LIFT PRESSURE 575	PSI BUMP PLUG TO 660
ROTATE RPM RECIPROCATE FT No. of Centralizers	TOOL TYPE, TAIL PIPE: SIZE DEPTH, TUBING VOLUME Bbls, CASING VOL. BELOW TOOL Bbls, TOTAL Bbls, ANNUAL VOLUME Bbls

TIME	PRESSURE	VOLUME PUMPED BBL	JOB SCHEDULED FOR TIME	ARRIVE ON LOCATION TIME	LEFT LOCATION TIME	REMARKS
0001 to 2400	TBG OR D.P. CASING	INCREMENT CUM	INJECT RATE FLUID TYPE FLUID DENSITY	DATE 3-5-94	DATE 3-5-94	
1135	0	10	7 420			start H2O ahead
1137	130	130	7 CMT 17.2			start load cmt. CONFIDENTIAL
1146	130	66	7 CMT 17.2			PSI check
1154	130	35	7 CMT 14.8			start tail cmt.
1157	170	21	7 CMT 14.8			PSI check
1159	0					shut down drop top plug
1200	0	86.8				start displacement
1204	60	20	7 420			PSI check
1206	90	40	7 420			" " KCC
1208	160	50	7			" " RELEASED
1209	260	60	7			" " MAY 18
1211	360	70	7			" " JUN 14 1996 CONFIDENTIAL
1212	400	77	2			lower rate
1213	320	80	2			PSI check
1216	660	87	2			bump top plug
1217	380					bleed psi of & shut cement manifold in

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS	SLURRY MIXED BBLs	DENSITY
1.	350	2.10	45% class C + 6% gel + 3% accel + 4% D29	130.9	12.2
2.					
3.	150	1.32	class C + 3% accel + 4% D29	25	14.8
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	Bbls.
BREAKDOWN PSI FINAL	PSI	DISPLACEMENT VOL.	86.8 Bbls	TYPE OF WELL	<input checked="" type="checkbox"/> OIL <input type="checkbox"/> GAS <input type="checkbox"/> STORAGE <input type="checkbox"/> INJECTION <input type="checkbox"/> BRINE WATER <input type="checkbox"/> WILDCAT
Washed Thru Perfs <input type="checkbox"/> YES <input type="checkbox"/> NO	TO	FT.	MEASURED DISPLACEMENT	<input type="checkbox"/> WIRELINE	
PERFORATIONS TO TO	CUSTOMER REPRESENTATIVE	DS SUPERVISOR	James Esquivel		
	Rodney Farr				

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

15-075-20531-0000  
 TREATMENT NUMBER: 03-12-6019 DATE: 3-13-94  
 STAGE: DS DISTRICT: 214556C KS.

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

WELL NAME AND NO. **Woods SA-29** LOCATION (LEGAL) **Sec. 29-24-40** RIG NAME: **Muffin Drilling #20**

COUNTY/PARISH **HAMILTON** STATE **Kc.** API. NO. \_\_\_\_\_

NAME **Higdon Energy Corp**

AND \_\_\_\_\_

ADDRESS \_\_\_\_\_

SPECIAL INSTRUCTIONS **KCC** ZIP CODE **MAY 19 1994**

IS CASING/TUBING SECURED?  YES\*  NO

LIFT PRESSURE **1413** PSI CASING WEIGHT SURFACE AREA (3.14 x R<sup>2</sup>)

PRESSURE LIMIT \_\_\_\_\_ PSI BUMP PLUG TO **1440** PSI

ROTATE \_\_\_\_\_ RPM RECIPROCATE \_\_\_\_\_ FT No. of Centralizers **3**

**RECEIVED**  
 KANSAS CORPORATION COMMISSION

**MAY 18** CONSERVATION DIVISION  
**CONFIDENTIAL** WICHITA, KS

WELL DATA: BIT SIZE **78** CSG/Liner Size **4 1/2**

TOTAL DEPTH **2370** WEIGHT **93**

ROT CABLE  FOOTAGE **2370**

MUD TYPE \_\_\_\_\_ GRADE **555**

BHST  BHCT  THREAD **Red**

MUD DENSITY \_\_\_\_\_ LESS FOOTAGE SHOE JOINT(S) \_\_\_\_\_

MUD VISC. \_\_\_\_\_ Disp. Capacity **38.4**

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

**ORIGINAL**

Head & Plugs  TBG  D.P.  SQUEEZE JOB

Double  SIZE \_\_\_\_\_ TYPE \_\_\_\_\_

Single  WEIGHT \_\_\_\_\_ DEPTH \_\_\_\_\_

Swage  GRADE \_\_\_\_\_ TAIL PIPE: SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

Knockoff  THREAD \_\_\_\_\_ TUBING VOLUME \_\_\_\_\_ Bbls

TOP OR NEW OR USED \_\_\_\_\_ CASING VOL. BELOW TOOL \_\_\_\_\_ Bbls

BOT OR 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	SAP	DATE	TIME	DATE	TIME	DATE
0001 to 2400											
1236	0	10			6.1	H2O					
1238	300	167			6.1	cmf	12.2				
1250	150	84			7.9	cmf	12.2				
1301	130	18			6.9	cmf	14.8				
1302	270	13			6.9	cmf	14.8				
1303	0										
1307	0	38.4			5	H2O					
1309	80	10			5						
1311	210	20			5						
1313	380	30			2						
1315	340	34			2						
1316	360	36			2						
1317	1440	38			2						
1318											

**RELEASED**

**JUN 14 1996**

**FROM CONFIDENTIAL**

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
			1	2	3	4	BBLs	DENSITY
1.	435	2.10	35% port	6% gel	2% cack	4" 1029	162.6	12.2
2.								
3.	75	1.32	class C	2% cack	.6% D60	4" 1029	17.6	14.8
4.								
5.								
6.								

BREAKDOWN FLUID TYPE:  HESITATION SQ.  RUNNING SQ.  CIRCULATION LOST

BREAKDOWN: PSI FINAL \_\_\_\_\_ PSI DISPLACEMENT VOL. \_\_\_\_\_ Bbls

Washed Thru Perfs  YES  NO TO \_\_\_\_\_ FT. MEASURED DISPLACEMENT \_\_\_\_\_ Bbls

PERFORATIONS: TO \_\_\_\_\_ TO \_\_\_\_\_ CUSTOMER REPRESENTATIVE: **Joe Brougher** DS SUPERVISOR: **James Esquivel**