

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

*Rec'd  
5-17-94*

Operator: License # 3871

Name: Hugoton Energy Corporation

Address 229 E. William, Suite 500

City/State/Zip Wichita, KS 67202

Purchaser: Natural Gas Clearing House

Operator Contact Person: Jimmy W. Gowens

Phone (316) 262-1522

Contractor: Name: Murfyn Drilling Co., Inc.

License: 30606

Wellsite Geologist: Joe Brougher

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SLOW  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 01/24/94 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. \_\_\_\_\_

01/24/94 01/26/94 05/17/94  
Spud Date Date Reached TD Completion Date

API NO. 15- 075-20533-0000 ORIGINAL

County HAMILTON

Appx. NW - SE - SE - Sec. 17 Twp. 21S Rge. 40W  E  W

1250 FSL Feet from SN (circle one) Line of Section

1250 FEL Feet from EW (circle one) Line of Section

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

Lease Name GRILLIOT Well # 2-17

Field Name BRADSHAW

Producing Formation CHASE

Elevation: Ground 3556 KB 3565

Total Depth 2815' PBTD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 325' Feet.

Multiple Stage Cementing Collar Used?  Yes  No

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

If Alternate II completion, cement circulated from 2814

feet depth to surface w/ 725 sx cmt.

Drilling Fluid Management Plan ALT 2 8/7/11-1-94  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

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

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

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

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

\_\_\_\_ 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 Jimmy W. Gowens, V.P. Exploration Date 7/11/94

Subscribed and sworn to before me this 1 day of July 1994.

Notary Public Sarah E. Reynolds

Date Commission Expires 9-22-96

K.C.C. OFFICE USE ONLY		
F. <input type="checkbox"/>	Letter of Confidentiality Attached	
C. <input checked="" type="checkbox"/>	Wireline Log Received	
C. <input type="checkbox"/>	Geologist Report Received	
Distribution		
<input type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other (Specify)

**SARAH E. REYNOLDS**  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 9-22-96

*P1*

Operator Name Hugoton Energy Corporation Lease Name GRILLIOT Well # 2-17

East

County HAMILTON

Sec. 17 Twp. 21S Rge. 40W  East  West

*011 111*

**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.
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	WINFIELD	2753 +812
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run:	GRN		

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"		325'	65/35 poz Class 'C'	100 90	6% D20 + 3% SI + 1/4 #SK D29 3% SI + 1/4 #SK D29
production	7-7/8"	4-1/2"	10.5#	2814'	65/35 poz Class 'C'	650 75	6% D20 + 2% SI + 1/4 #SK D29 2% SI + 1/4 #SK D29 + .6% D60

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<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
2	2760' - 2770' (10')	500 gal 15% FE acid 4000# 100 mesh sand 9800# 12/20 Brady sand	2760' - 2770' 2760' - 2770' 2760' - 2770'

<b>TUBING RECORD</b>		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2-3/8"	2812	NA		
Date of First, Resumed Production, SWD or Inj.		6/10/94	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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	0	14	180			

Disposition of Gas: **METHOD OF COMPLETION**

Production Interval

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled 2670' - 2770'  
 (If vented, submit ACO-18)  Other (Specify) \_\_\_\_\_

CEMENTING SERVICE REPORT



15.075.20533.0000

TREATMENT NUMBER: 03-12-5880 DATE: 1-24-94  
 STAGE: DS DISTRICT: Ulysses, KS

DS-496 PRINTED IN U.S.A.

DOWELL SCHLUMBERGER INCORPORATED

WELL NAME AND NO: **Grilliot No. 2-17** LOCATION (LEGAL): **sec. 17-215-40W** RIG NAME: **Murfin Rig 20**  
 FIELD-POOL: \_\_\_\_\_ FORMATION: \_\_\_\_\_ WELL DATA: BIT SIZE **12 1/4** CSG/Liner Size **8 7/8** BOTTOM: \_\_\_\_\_  
 COUNTY/PARISH: **Hamilton** STATE: **Kansas** APL. NO.: \_\_\_\_\_ TOTAL DEPTH: **325** WEIGHT: **24 #**  
 NAME: **Hugoton Energy** MUD TYPE: **WB** GRADE: \_\_\_\_\_ FOOTAGE: **325**  
 AND: \_\_\_\_\_ MUD DENSITY: **8.7** THREAD: **8rd** LESS FOOTAGE SHOE JOINT(S): **15**  
 ADDRESS: \_\_\_\_\_ MUD VISC.: \_\_\_\_\_ Disp. Capacity: **310'**  
 ZIP CODE: \_\_\_\_\_

SPECIAL INSTRUCTIONS: **Safely cement the surface pipe per customers orders**

IS CASING/TUBING SECURED?  YES  NO  
 LIFT PRESSURE: **170** PSI CASING WEIGHT - SURFACE AREA (3.14 x R<sup>2</sup>): \_\_\_\_\_  
 PRESSURE LIMIT: **150** PSI BUMP PLUG TO: \_\_\_\_\_ PSI  
 ROTATE: \_\_\_\_\_ RPM RECIPROCATE: \_\_\_\_\_ FT No. of Centralizers: \_\_\_\_\_

JOB SCHEDULED FOR TIME: **1630** DATE: **1-24-94** ARRIVE ON LOCATION TIME: **1630** DATE: **1-24-94** LEFT LOCATION TIME: **2000** DATE: **1-24-94**

TIME	PRESSURE		VOLUME PUMPED BBL		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
	TBG OR D.P.	CASING	INCREMENT	CUM				
0001 to 2400								PRE-JOB SAFETY MEETING
1908		110	5		5	H <sub>2</sub> O	8.34	Start H <sub>2</sub> O to line out tub.
1910		120	37	5	5	cmf	12.2	Start lead slurry
1918		150	21	42	5	cmf	14.8	Start Tail Slurry
1921		-	-	63	-	-	-	Shutdown / Drop Plug
1923		160	19.5	63	5	H <sub>2</sub> O	8.34	Start Displacement
1929		150		82.5	-	-	-	Shutdown / Close in head & Manifold Release Dowell.

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REMARKS: \_\_\_\_\_

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
			BLS	DENSITY	BLS	DENSITY
1.	100	2.1	67% S 902 + 10% O20 + 3% S1 + 1/4 #SK 029	37	12.2	
2.	90	1.32	Class "C" + 3% S1 + 1/4 #SK 029	21	14.8	
3.						
4.						
5.						
6.						

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BREAKDOWN FLUID TYPE:  HESITATION SO.  RUNNING SQ  CIRCULATION LOST  YES  NO  
 BREAKDOWN: \_\_\_\_\_ PSI FINAL: \_\_\_\_\_ PSI DISPLACEMENT VOL.: **19.7** Bbls  
 Washed Thru Perfs:  YES  NO TO: \_\_\_\_\_ FT. MEASURED DISPLACEMENT:  WIRELINE  
 PERFORATIONS: \_\_\_\_\_ TO: \_\_\_\_\_ TO: \_\_\_\_\_  
 CUSTOMER REPRESENTATIVE: **Rodney Farr** DS SUPERVISOR: **Steve Mersch**

**ORIGINAL**

15.675.20533.0000

DOWELL SCHLUMBERGER INCORPORATED

DS-496 PRINTED IN U.S.A.

TREATMENT NUMBER 03-12-3888	DATE 1-26-94
STAGE 35	DS L115525, KS

WELL NAME AND NO. Gulliot No. 2-17	LOCATION (LEGAL) Sec. 17-21S-40W	RIG NAME Murtin Rig 20
FIELD POOL Hugoton	FORMATION Chase	WELL DATA
COUNTY/PARISH Hamilton	STATE Kansas	API NO
NAME Hugoton Energy	AND	ADDRESS
SPECIAL INSTRUCTIONS Safety cement fix 4 1/2" production casing per customers order's		WELL DATA
IS CASING/TUBING SECURED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		WELL DATA
LIFT PRESSURE 1860	PSI	CASING WEIGHT - SURFACE AREA
PRESSURE LIMIT 1700	PSI	BUMP PLUG TO
ROTATE	RPM	RECIPROCATE
		FT No. of Centralizers

BIT SIZE 7 7/8	CSG/Liner Size 4 1/2	WELL DATA
TOTAL DEPTH 2815	WEIGHT 10.5	WELL DATA
<input type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE 2813.82	WELL DATA
MUD TYPE WB	GRADE	WELL DATA
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD 8 1/2	WELL DATA
MUD DENSITY 8.8	LESS FOOTAGE BRIDGE JOINT(S)	WELL DATA
MUD VISC	Disp. Capacity 2813.82	WELL DATA

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

Head & Plugs	<input type="checkbox"/> TBG <input type="checkbox"/> D P	SQUEEZE JOB
<input type="checkbox"/> Double	SIZE	TOOL TYPE
<input checked="" type="checkbox"/> Single	<input type="checkbox"/> WEIGHT	DEPTH
<input type="checkbox"/> Swage	<input type="checkbox"/> GRADE	TAIL PIPE SIZE
<input type="checkbox"/> Knockoff	<input type="checkbox"/> THREAD	TUBING VOLUME
TOP <input type="checkbox"/> OR <input type="checkbox"/> W	<input type="checkbox"/> NEW <input type="checkbox"/> USED	CASING VOL. BELOW TOOL
BOT <input type="checkbox"/> OR <input type="checkbox"/> W	DEPTH	TOTAL
		ANNUAL VOLUME

TIME	PRESSURE	VOLUME PUMPED bbl	JOB SCHEDULED FOR TIME	DATE	ARRIVE ON LOCATION TIME	DATE	LEFT LOCATION TIME	DATE
0001 to 2400	TBG OR DP	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL

TIME	PRESSURE	VOLUME PUMPED bbl	JOB SCHEDULED FOR TIME	DATE	ARRIVE ON LOCATION TIME	DATE	LEFT LOCATION TIME	DATE
0004	300	10	6	H <sub>2</sub> O	8.34	Start H <sub>2</sub> O		
0012	330	243	10	6	cmt	12.2	Start lead slurry	
0054	150	17	253	6	cmt	14.8	Start Tail Slurry	
0058			270	-	-	-	Shutdown/Washup/Drop Plug	
1001	470	34	270	6	H <sub>2</sub> O	8.34	Start Displacement.	
0100	470	10.7	301	2			lower Rate	
0114	950	-	310.2				Bump Plug Check float if held Release Dowell	

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REMARKS

SYSTEM CODE	NO OF SACKS	YIELD CU FT/SK	COMPOSITION OF CEMENTING SYSTEMS	SLURRY MIXED
1	650	2.1	69.35% port + 6.9% D20 + 2% SI + 2% SK D29	24.5
2	75	1.32	CLASS C + 2% SI + 2% SK D29 + 0.6% D20	14.8
3				
4				
5				
6				

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	Wichita Falls
<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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
BREAKDOWN	PSI FINAL	PSI	DISPLACEMENT VOL	44.7
Washed Thru Perfs	<input type="checkbox"/> YES <input type="checkbox"/> NO	TO	FT	MEASURED DISPLACEMENT
PERFORATIONS	TO	TO	CUSTOMER REPRESENTATIVE	Joe Brougher
			DS SUPERVISOR	Steve Menck