

ORIGINAL

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

ORIGINAL

API NO. 15- 075-20553-0000  
County Hamilton  
S2 - NE- NW- Sec. 5 Twp. 24S Rge. 40W X E/W

Operator: License # 3871

4030 FSL Feet from (S)N (circle one) Line of Section

Name: Hugoton Energy Corporation

3300 FEL Feet from (E)W (circle one) Line of Section

Address 301 N. Main, Suite 1900

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

City/State/Zip Wichita, KS 67202

Lease Name WEEDE Well # 2-5

Purchaser: Natural Gas Clearing House

Field Name BRADSHAW

Operator Contact Person: Jim Gowens

Producing Formation CHASE

Phone (316) 262-1522

Elevation: Ground 3311' KB 3320'

Contractor: Name: Murfin Drilling Co., Inc.

Total Depth 2465' PBTB

License: 30606

Amount of Surface Pipe Set and Cemented at 336' Feet.

Wellsite Geologist: \_\_\_\_\_

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion

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

X New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_

If Alternate II completion, cement circulated from 2465'

Oil SWD SIOW Temp. Abd.

feet depth to surface w/ 700 sx cmt.

X Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc.)

Drilling Fluid Management Plan ALT 2 of 4 4-10-95  
(Data must be collected from the Reserve Pit)

If Workover/Re-Entry: old well info as follows:

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

Operator: \_\_\_\_\_

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

Well Name: \_\_\_\_\_

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

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

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

Deepening Re-perf. Conv. to Inj/SWD

Plug Back \_\_\_\_\_ PBTB

Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_

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

Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_

\_\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

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

06/02/94 \_\_\_\_\_ 06/04/94 \_\_\_\_\_ 7/16/94 \_\_\_\_\_

Spud Date \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date \_\_\_\_\_

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.

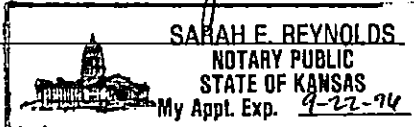
Signature \_\_\_\_\_

Title Jim Gowens, V.P. Exploration Date \_\_\_\_\_

Subscribed and sworn to before me this 21 day of Sept. 1994.

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 RECEIVED NGPA  
KCC  Plug \_\_\_\_\_ Other \_\_\_\_\_  
KGS \_\_\_\_\_ (Specify) \_\_\_\_\_  
SEP 22 1994  
Form ACO-1 (7-91)  
CONSERVATION

9-22-94

P1

**SIDE TWO**

Operator Name Hugoton Energy Corporation Lease Name WEEDE Well # 2-5

East

County Hamilton

Sec. 5 Twp. 24S Rge. 40W  East  West

**ORIGINAL**

**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	KRIDER	2411	+909
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"		336'	35/65 Poz Class 'C'	90	3% SI + 6% D20 + 1/4 #/sk D29
production	7-7/8"	4-1/2"	10.5#	2465'	65/35 Poz Class 'C'	625	6% D20 + 2% SI + 1/4 #/sk D29
						75	2% SI + 1/4 #/sk D29 + 0.6% D60

**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	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	
3	2420' - 2425' (5')	500 gal 15% FE acid 4000# 100 mesh sand 18,500# 12/20 Brady sane	2420' - 2425' 2420' - 2425' 2420' - 2425'

<b>TUBING RECORD</b>		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2-3/8"	2448'	NA		
Date of First, Resumed Production, SWD or Inj.		8/4/94		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.
	0		14		146	
						Gas-Oil Ratio
						Gravity

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

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled 2420' - 2425'

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

**CEMENTING SERVICE REPORT**

Schlumberger

Dowell

**DOWELL SCHLUMBERGER INCORPORATED**

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

TREATMENT NUMBER <i>6203</i>	DATE <i>6/2/94</i>
STAGE <i>JKS</i>	DS <i>JKS</i> DISTRICT

WELL NAME AND NO. <i>weede 2-5</i>	LOCATION (LEGAL) <i>Sec 5-24s-40w</i>
FIELD-POOL <i>Hugoton / Bradshaw</i>	FORMATION <i>Surf.</i>
COUNTY/PARISH <i>Hamilton</i>	STATE <i>Kansas</i> API. NO.
NAME <i>Hugoton Energy</i>	
AND	
ADDRESS	
ZIP CODE	

RIG NAME: <i>Murton 20</i>		
WELL DATA:	BOTTOM	TOP
BIT SIZE <i>12 1/4</i>	CSG/Liner Size <i>8 7/8</i>	
TOTAL DEPTH	WEIGHT <i>24</i>	
<input checked="" type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE <i>340</i>	
MUD TYPE	GRADE	
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD <i>8 1/4</i>	
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S)	
MUD VISC.	Disp. Capacity <i>300</i>	<i>20</i> TOTAL

**ORIGINAL**

SPECIAL INSTRUCTIONS  
*offset cmt 8 7/8  
Surface CSG*

IS CASING/TUBING SECURED?  YES  NO

LIFT PRESSURE *140* PSI CASING WEIGHT ÷ SURFACE AREA (3.14 × R<sup>2</sup>)

PRESSURE LIMIT *130* PSI BUMP PLUG TO *80* PSI

ROTATE *—* RPM RECIPROCATE *—* FT No. of Centralizers *—*

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

Float	TYPE	<i>none</i>	TYPE	
	DEPTH		DEPTH	
SHOE	TYPE	<i>none</i>	TYPE	
	DEPTH		DEPTH	

Head & Plugs  TBG  D.P. SQUEEZE JOB

Double  WEIGHT  TYPE

Single  GRADE  DEPTH

Swage  THREAD TAIL PIPE: SIZE DEPTH

Knockoff  NEW  USED TUBING VOLUME Bbls

TOP  R  W CASING VOL. BELOW TOOL Bbls

BOT  R  W DEPTH TOTAL Bbls

ANNUAL VOLUME Bbls

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR TIME: <i>2030</i> DATE: <i>6/2</i>			ARRIVE ON LOCATION TIME: <i>2030</i> DATE: <i>6/2</i>		LEFT LOCATION TIME: <i>0000</i> DATE: <i>6/3/94</i>	
	TBG OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL			
0001 to 2400	<i>NA</i>							PRE-JOB SAFETY MEETING			
<i>20:53</i>		<i>20</i>	<i>8</i>	<i>—</i>	<i>4</i>	<i>160</i>	<i>8.33</i>	<i>160 ahead</i>			
<i>20:58</i>		<i>100</i>	<i>34</i>	<i>—</i>	<i>4</i>	<i>cmt</i>	<i>12.2</i>	<i>Lead cmt</i>			
<i>23:05</i>		<i>110</i>	<i>21</i>	<i>—</i>	<i>4</i>	<i>cmt</i>	<i>14.8</i>	<i>Tail cmt</i>			
<i>23:13</i>		<i>—</i>	<i>—</i>	<i>—</i>	<i>0</i>	<i>—</i>	<i>—</i>	<i>Shut Down, Drop plug</i>			
<i>23:15</i>	<i>↓</i>	<i>50</i>	<i>20</i>	<i>—</i>	<i>4</i>	<i>160</i>	<i>8.33</i>	<i>Displace</i>			
<i>23:23</i>	<i>N</i>	<i>112</i>	<i>10</i>	<i>—</i>	<i>3</i>	<i>↓</i>	<i>↓</i>	<i>Just ct.</i>			
	<i>↓</i>	<i>80</i>	<i>20</i>	<i>—</i>	<i>0</i>			<i>Shut Down</i>			

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
							BBLs	DENSITY
<i>1.</i>	<i>90</i>	<i>2.1</i>	<i>65/35 C/P2</i>	<i>+ 3% SI</i>	<i>+ 6% D200</i>	<i>+ 1/4 #16k D29</i>	<i>33.6</i>	<i>12.2</i>
<i>2.</i>	<i>90</i>	<i>1.32</i>	<i>C</i>	<i>+ 3% SI</i>	<i>+ 1/4 #16k D29</i>		<i>21.2</i>	<i>14.8</i>
<i>3.</i>								
<i>4.</i>								
<i>5.</i>								
<i>6.</i>								

BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX. *130* MIN: *0*

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

BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. Bbls

Washed Thru Perfs  YES  NO TO FT. MEASURED DISPLACEMENT  *20*  WIRELINE

PERFORATIONS TO TO TO TO CUSTOMER REPRESENTATIVE DS SUPERVISOR

*Rodney Farr* *Greg Clark*

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER 0312-6210	DATE 6-4-94
STAGE DS	DISTRICT WYSSOS KANSAS

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

WELL NAME AND NO. Weede # 2-5	LOCATION (LEGAL) Sec 5-245-40W
COUNTY/PARISH Hamilton	STATE KANSAS
API. NO.	
NAME Hugoton Energy	
ADDRESS	
ZIP CODE	

RIG NAME:	
WELL DATA:	
BIT SIZE 7/8	CSG/Liner Size 4 1/2
TOTAL DEPTH	WEIGHT 10.5
<input checked="" type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE 2465
MUD TYPE	GRADE
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD 8Rd
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S) -0-
MUD VISC.	Disp. Capacity 39.5
NOTE: Include Footage From Ground Level To Head In Disp. Capacity	

SPECIAL INSTRUCTIONS  
Cmt 4 1/2 Long string

ORIGINAL

IS CASING/TUBING SECURED?  YES  NO

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

PRESSURE LIMIT PSI BUMP PLUG TO 1600 PSI

ROTATE RPM RECIPROCATE FT No. of Centralizers 3

Float	TYPE	DEPTH	Stage Tool	TYPE	DEPTH
SHOE	TYPE	DEPTH	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	WEIGHT	DEPTH			
<input checked="" type="checkbox"/> Swage	GRADE	TAIL PIPE: SIZE		DEPTH	
<input type="checkbox"/> Knockoff	THREAD	TUBING VOLUME Bbls			
TOP <input type="checkbox"/> R <input type="checkbox"/> W	<input type="checkbox"/> NEW <input type="checkbox"/> USED	CASING VOL. BELOW TOOL Bbls			
BOT <input type="checkbox"/> R <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: 1300	DATE: 6-4-94	TIME: 1300	DATE: 6-4-94	TIME:	DATE:	
0001 to 2400											
1545		2000									
1550		300			6	CMT	12.2				
1600		400	242		6	CMT	12.2				
1640		240			2	CMT	14.8				
1700		180	32		2	CMT	14.8				
1708			39.5		6	H2O	8.34				
1715		1600			3	H2O	8.34				

REMARKS Circulated cement

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS			SLURRY MIXED	
						BBLs	DENSITY
1.	625	2.10	65/35	D-20	5-1, 1/4" D-29	2.34	12.2
2.	25	1.32	C	5-1, 1/4" D-29		17	14.8
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 type="checkbox"/> NO
BREAKDOWN	PSI	FINAL	PSI	DISPLACEMENT VOL.	Bbls
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
	TO	TO	Mr. Bob Neff		Kent Harb