

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

API NO. 15- 075-20550 <sup>0000</sup> ORIGINAL  
County Hamilton  
SW- NE - NE - Sec. 36 Twp. 22S Rge. 41W X E W

Operator: License # 3871

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

Name: Hugoton Energy Corporation

1250 FEL Feet from (E)W (circle one) Line of Section

Address 301 N. Main, Suite 1900

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

City/State/Zip Wichita, KS 67202

Lease Name BRADSHAW Well # 2-36

Purchaser: CIBOLA

Field Name BRADSHAW

Operator Contact Person: Jim Gowens

Producing Formation CHASE

Phone (316) 262-1522

Elevation: Ground 3510' KB 3519'

Contractor: Name: Murfin Drilling Co., Inc.

Total Depth 2670' PBDT \_\_\_\_\_

License: 30606

Amount of Surface Pipe Set and Cemented at 340' 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 2668'

Oil SWD SLOW Temp. Abd.

X Gas ENHR SIGW

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

feet depth to surface w/ 675 \_\_\_\_\_ sx cmt.

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

Drilling Fluid Management Plan ALT 2 JWH 1-30-95  
(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 \_\_\_\_\_

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

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 \_\_\_\_\_

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

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

05/18/94 05/20/94 07/13/94  
Spud Date Date Reached TD Completion Date

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 Jim Gowens, V.P. Exploration Date 8/18/94

Subscribed and sworn to before me this 18 day of August

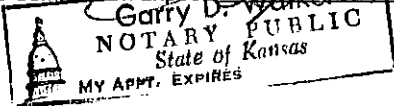
19 94

Notary Public \_\_\_\_\_

Date Commission Expires November 18, 1995

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  
**RECEIVED**  
STATE CORPORATION COMMISSION

8-19-94



Form ACO-1 (7-9-90) 1 9 1994

CONSERVATION DIVISION  
WICHITA, KANSAS

P1

SIDE TWO

Operator Name Hugoton Energy Corporation Lease Name BRADSHAW Well # 2-36

East

County Hamilton

Sec. 36 Twp. 22S Rge. 41W  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	2600	+919
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"		340'	35/65 Poz Class 'C'	90	3% SI + 6% D20 + 1/4 #/sk D29
production	7-7/8"	4-1/2"	10.5#	2668'	65/35 Poz Class 'C'	580	3% SI + 1/4 #/sk D29
						105	6% D20 + 2% SI + 1/4 #/sk D29
							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 Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
				Depth
3	2611' - 2616' (5')		500 gal. 15% FE acid	2611' - 2616'
			4000# 100 mesh sand	2611' - 2616'
			18,500# 12/20 Brady sand	2611' - 2616'

<b>TUBING RECORD</b>		Size <u>2-3/8"</u>	Set At <u>2643'</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>7/19/94</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 <u>0</u>	Bbls.	Gas <u>45</u>	Mcf	Water <u>75</u>
				Bbls.	Gas-Oil Ratio
					Gravity

Disposition of Gas: METHOD OF COMPLETION

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled 2611' - 2616'  
 (If vented, submit ACO-18)  Other (Specify) \_\_\_\_\_

RECEIVED STATE CORPORATION COMMISSION

2611' - 2616' 1994

CONSERVATION DIVISION WICHITA, KANSAS

CEMENTING SERVICE REPORT

Schlumberger

15-075-20550-0000

Dowell

DOWELL SCHLUMBERGER INCORPORATED

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

TREATMENT NUMBER 4148	DATE 5/18/94
STAGE	DS OKS
DISTRICT	

WELL NAME AND NO. Bradshaw 2-36	LOCATION (LEGAL) Sec 36-205-41W
FIELD-POOL Hgoten	FORMATION Surf.
COUNTY/PARISH Hamilton	STATE KANSAS
API. NO.	
NAME Hgoten Energy	
AND	
ADDRESS	
ZIP CODE	

RIG NAME: Murfm 20	WELL DATA:		BOTTOM	TOP
BIT SIZE 2 1/4	CSG/Liner Size 8 7/8			
TOTAL DEPTH	WEIGHT 24			
<input type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE 340	ORIGINAL		
MUD TYPE	GRADE			
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD			
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S)			TOTAL
MUD VISC.	Disp. Capacity 300		20.3	

SPECIAL INSTRUCTIONS  
Cmt 8 3/8 surface csg  
As per customer's orders

IS CASING/TUBING SECURED?  YES  NO

LIFT PRESSURE 140 PSI CASING WEIGHT + SURFACE AREA (3.14 x R<sup>2</sup>)

PRESSURE LIMIT 100 PSI BUMP PLUG TO Slotted plug PSI

ROTATE RPM RECIPROCATE FT No. of Centralizers

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

Float	TYPE	NOTE	Stage Tool	TYPE
	DEPTH			DEPTH
SHOE	TYPE	NOTE	SQUEEZE JOB	TYPE
	DEPTH			DEPTH

Head & Plugs  TBG  D.P.

Double SIZE  WEIGHT

Single  GRADE

Swage  THREAD

Knockoff  NEW  USED

BOT  W DEPTH

TUBING VOLUME Bbls

CASING VOL. BELOW TOOL Bbls

TOTAL Bbls

ANNUAL VOLUME Bbls

JOB SCHEDULED FOR TIME: 1600 DATE: 5/18

ARRIVE ON LOCATION TIME: 1615 DATE: 5/18

LEFT LOCATION TIME: 1830 DATE: 5/18

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	TIME	DATE	TIME	DATE
0001 to 2400											
17:15	NA	60	6	-	4	160	8.33				
17:19		40	33	-	4	Cmt	12.2				
17:26		50	21	-	4	Cmt	14.8				
17:32		0	0	-							
17:34		50	80.3	-	4	160	8.33				
17:41		60	15	-	2						
17:43		70	80.3	-	0						

SERVICE LOG DETAIL

PRE-JOB SAFETY MEETING  
Kst dine  
Hgo Ahead  
Send cmt  
Tail cmt  
Drop plug - Shut Down  
Displace  
Lower Rt  
Shut Down

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
							BBLs	DENSITY
1.	90	2.1	35/05	70% C + 3% SI + 6% D20 + 1/4 #/sk D29			33.6	12.2
2.	90	1.32		C + 3% SI + 1/4 #/sk D29			21.2	14.8
3.								
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

PERFORATIONS TO TO

CUSTOMER REPRESENTATIVE  
Rod For

DENSITY  YES  NO

PRESSURE 100 MAX. Cement Circulated To Surf.  YES  NO

TYPE OF WELL  OIL  STORAGE  BRINE WATER  WILDCAT

GAS  INJECTION  WILDCAT

DS SUPERVISOR  
Mug Black

RECEIVED STATE CORPORATION COMMISSION  
MAY 19 1994  
CONSERVATION DIVISION WICHITA, KANSAS

**CEMENTING SERVICE REPORT**

Schlumberger

Dowell

**DOWELL SCHLUMBERGER INCORPORATED**

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

TREATMENT NUMBER: 03-12-6173 DATE: 5-20-94  
 STAGE: 25 DS: 4115555 KE DISTRICT

WELL NAME AND NO. <i>Bradshaw 2-36</i>		LOCATION (LEGAL) <i>sec. 36-225-41W</i>		RIG NAME: <i>Murfin Rig 20</i>	
FIELD-POOL <i>Bradshaw</i>		FORMATION		WELL DATA:	
COUNTY/PARISH <i>Hamilton</i>		STATE <i>Kansas</i>		API. NO.	
NAME <i>Hugoton Energy</i>		ADDRESS		ZIP CODE	
SPECIAL INSTRUCTIONS <i>Safely cement the 4 1/2" production casing as requested by the customer</i>		IS CASING/TUBING SECURED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		LIFT PRESSURE <i>1760</i> PSI	
AND		PRESSURE LIMIT <i>1500</i> PSI		BUMP PLUG TO <i>1.1# 1500</i> PSI	
ROTATE		RPM		RECIPROCATATE	
		FT		No. of Centralizers <i>4</i>	

WELL DATA:		BOTTOM		TOP	
BIT SIZE	<i>7 7/8</i>	CSG/Liner Size	<i>4 1/2"</i>		
TOTAL DEPTH	<i>2170</i>	WEIGHT	<i>10.5</i>		
<input type="checkbox"/> ROT <input type="checkbox"/> CABLE		FOOTAGE	<i>21608</i>		
MUD TYPE		GRADE			
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT		THREAD			
MUD DENSITY		LESS FOOTAGE SHOE JOINT(S)			TOTAL
MUD VISC.		Disp. Capacity	<i>21608</i>		

**ORIGINAL**

NOTE: Include Footage From Ground Level To Head In Disp. Capacity		Float		Stage Tool	
TYPE		DEPTH		TYPE	
DEPTH		DEPTH		DEPTH	
TYPE	<i>Autofill</i>	DEPTH	<i>21608</i>	TYPE	
DEPTH		DEPTH		DEPTH	
Head & Plugs	<input type="checkbox"/> TBG <input type="checkbox"/> D.P.	SQUEEZE JOB			
<input type="checkbox"/> Double	SIZE	TOOL	TYPE		
<input type="checkbox"/> Single	<input type="checkbox"/> WEIGHT	DEPTH			
<input type="checkbox"/> Swage	<input type="checkbox"/> GRADE	TAIL PIPE: SIZE	DEPTH		
<input type="checkbox"/> Knockoff	<input type="checkbox"/> 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	
0001 to 2400	TBG OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	TIME: <i>1630</i>	DATE: <i>5-20-94</i>	TIME: <i>2130</i>	DATE: <i>5-20-94</i>
<i>1911</i>	<i>2160</i>	<i>15</i>			<i>5</i>	<i>H<sub>2</sub>O</i>	<i>8.34</i>	PRE-JOB SAFETY MEETING			
<i>1916</i>	<i>160</i>	<i>216</i>	<i>15</i>		<i>5</i>	<i>cmt</i>	<i>12.2</i>	<i>Start H<sub>2</sub>O Ahead</i>			
<i>1955</i>	<i>180</i>	<i>24</i>	<i>231</i>		<i>5</i>	<i>cmt</i>	<i>14.8</i>	<i>Start lead cement</i>			
<i>1959</i>			<i>255</i>		-	-	-	<i>Start tail cement</i>			
<i>2003</i>	<i>750</i>	<i>35</i>	<i>255</i>		<i>7</i>	<i>H<sub>2</sub>O</i>	<i>8.34</i>	<i>Shutdown / Wash lines / Drop Plug</i>			
<i>2009</i>	<i>800</i>	<i>7</i>	<i>290</i>		<i>2</i>	<i>1</i>	<i>1</i>	<i>Start Displacement</i>			
<i>2013</i>	<i>1500</i>		<i>297</i>					<i>lower Rate</i>			
								<i>Bump Plug</i>			
								<i>Check float it held</i>			
								<i>Release Dowell</i>			

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
			BBLs	DENSITY	BBLs	DENSITY		
<i>1.</i>	<i>580</i>	<i>2.1</i>	<i>65% 200 + 16% D20 + 2% S1 + 1/4 #5K D29</i>				<i>216</i>	<i>12.2</i>
<i>2.</i>	<i>105</i>	<i>1.32</i>	<i>Class "C" + 2% S1 + 1/4 #5K D29 + 0.6% D100</i>				<i>24</i>	<i>14.8</i>
<i>3.</i>								
<i>4.</i>								
<i>5.</i>								
<i>6.</i>								

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 type="checkbox"/> NO	Cement Circulated To Surf.	<input type="checkbox"/> YES <input type="checkbox"/> NO	<i>1500</i>	<i>0</i>
BREAKDOWN		PSI	FINAL	PSI	DISPLACEMENT VOL.	<i>42.4</i>	Bbls
Washed Thru Perfs	<input type="checkbox"/> YES <input type="checkbox"/> NO	TO	FT.	MEASURED DISPLACEMENT	<input type="checkbox"/> WIRELINE		
PERFORATIONS				CUSTOMER REPRESENTATIVE		DS SUPERVISOR	
TO	TO	TO	TO	<i>Joe Brougner</i>		<i>Steve Mersel</i>	