

ORIGINAL

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

API NO. 15- 075-20534-0000
County HAMILTON
SE - NW - NW - Sec. 13 Twp. 21S Rge. 41W X W

Operator: License # 3871

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

Name: Hugoton Energy Corporation

4030 FEL 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 BENGSTON Well # 2-13

Purchaser: CIBOLA

Field Name BRADSHAW

Operator Contact Person: Jimmy W. Gowens

Producing Formation CHASE

Phone (316) 262-1522

Elevation: Ground 3606' KB 3615'

Contractor: Name: Murfin Drilling Co., Inc.

Total Depth 2825' PBTD _____

License: 30606

Amount of Surface Pipe Set and Cemented at 335 Feet.

Wellsite Geologist: NA

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion

If yes, show depth set _____ Feet

New Well Re-Entry Workover

If Alternate II completion, cement circulated from 2825

Oil SWD SLOW Temp. Abd.

feet depth to surface w/ 700 sx cmt.

Gas ENHR SIGW

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

Drilling Fluid Management Plan ALT 2 JH 11-28-94
(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 PBTD

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. _____

01/31/94 02/02/94 06/17/94

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

Subscribed and sworn to before me this 7 day of July 1994.

Notary Public Sarah E Reynolds

Date Commission Expires _____

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

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)

7-8-94
RECEIVED
JUL 08 1994
Form ACO-1 (7-91)
OIL & GAS CONSERVATION DIVISION
Wichita, Kansas

SIDE TWO

Operator Name Hugoton Energy Corporation Lease Name BENGSTON Well # 2-13

East

County HAMILTON

Sec. 13 Twp. 21S Rge. 41W West

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	WINFIELD	2796	+819
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"		335'	65/35 poz Class 'C'	100 90	6% D20+3%S1+1/4#/sk D29 3%S1+1/4#/sk D29
production	7-7/8"	4-1/2"	10.5#	2825'	65/35 poz Class 'C'	625 75	6% D20+2%S1+1/4#/sk D29 2%S1+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
	2	2792' - 2802'	(10')	500 gal 15% FE acid 4000# 100 mesh sand 18000# 12/20 Brady sand	

TUBING RECORD	Size 2-3/8"	Set At 2813'	Packer At NA	Liner Run <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	6/21/94	Producing Method	<input checked="" 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. 0	Gas Mcf 64	Water Bbls. 75	Gas-Oil Ratio Gravity

Disposition of Gas: METHOD OF COMPLETION

Vented Sold Used on Lease (If vented, submit ACO-18)
 Open Hole Perf. Dually Comp. Commingled 2792' - 2802'
 Other (Specify) _____

Production Interval

STATE OF OHIO RECEIVED
 HAMILTON COUNTY COMMISSION
 06/21/94
 WRIGHT, KATHLEEN

CEMENTING SERVICE REPORT



DOWELL SCHLUMBERGER INCORPORATED

15.075.20534-0000

TREATMENT NUMBER 03-12-5895 DATE 1-31-94
 STAGE Suit DS DISTRICT WY8885, KS

DS-496 PRINTED IN U.S.A.

WELL NAME AND NO. Bengston No. 2-13 LOCATION (LEGAL) sec. 13-215-41W RIG NAME: Murfin Rig 20
 FIELD POOL FORMATION
 COUNTY/PARISH Hamilton STATE Kansas API. NO.
 NAME Hugoton Energy
 AND
 ADDRESS
 ZIP CODE

WELL DATA:	BOTTOM	TOP
BIT SIZE 12 1/4"	CSG/Liner Size 8 3/8	
TOTAL DEPTH	WEIGHT 24	
<input checked="" type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE 335	
MUD TYPE WB	GRADE	
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD 8 1/2	
MUD DENSITY 8.4	LESS FOOTAGE SHOE JOINT(S) 15	TOTAL
MUD VISC. 32	Disp. Capacity 320	

ORIGINAL

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

Float	TYPE	DEPTH	Stage Tool	TYPE	DEPTH
SHOE	TYPE	DEPTH		TYPE	DEPTH

SPECIAL INSTRUCTIONS Safely cement the surface casing per customers request

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE 140 PSI CASING WEIGHT = SURFACE AREA (3.14 x R²)

PRESSURE LIMIT 140 PSI BUMP PLUG TO Shutdown PSI

ROTATE RPM RECIPROCATE FT No. of Centralizers 0

Head & Plugs TBG D.P. SQUEEZE JOB

Double WEIGHT GRADE THREAD

Single GRADE THREAD

Swage GRADE THREAD

Knockoff THREAD

TOOL TYPE DEPTH

TAIL PIPE: SIZE DEPTH

TUBING VOLUME Bbls

CASING VOL. BELOW TOOL Bbls

TOTAL Bbls

ANNUAL VOLUME Bbls

JOB SCHEDULED FOR TIME: 1430 DATE: 1-31-94 ARRIVE ON LOCATION TIME: 1430 DATE: 1-31-94 LEFT LOCATION TIME: 1800 DATE: 1-31-94

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
1632	140	10	5		H ₂ O	8.34	Start water to line cut tub.	
1634	130	37	10	5	cmf	12.2	Start lead slurry	
1641	110	21	47	5	cmf	14.8	Start Tail Slurry	
1644	-	-	68	-	-	-	Shutdown / Drop Plug	
1649	-	116	68	4	H ₂ O	8.34	Start Displacement	
1653	-	4	84	2	↓	↓	lower rate	
1655	-	-	88	-	-	-	Shutdown / close in Head. Release Dowell.	

REMARKS plug to the wellhead did circulate prepared

COMPOSITION OF CEMENTING SYSTEMS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	SLURRY MIXED BBLs	DENSITY
1.	100	2.1	37	12.2
2.	90	1.32	21	14.8
3.				
4.				
5.				
6.				

CONSERVATION DIVISION Wichita, Kansas

BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX. 140 MIN: 0

HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO 15 Bbls

BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. 20.3 Bbls

Washed Thru Perfs YES NO TO FT. MEASURED DISPLACEMENT WIRELINE

PERFORATIONS TO TO CUSTOMER REPRESENTATIVE Rodney Farr DS SUPERVISOR Steve Morsch

CEMENTING SERVICE REPORT



DOWELL SCHLUMBERGER INCORPORATED

13075 20534 0000
 TREATMENT NUMBER 03-12-5905 DATE 2-2-94
 STAGE 4/5 DS DISTRICT Ulysses, KS

DS-496 PRINTED IN U.S.A.

WELL NAME AND NO. Bengston 2-13 LOCATION (LEGAL) sec. 13-21s-41w RIG NAME: Murfin Rig 20
 FIELD POOL Hugoton FORMATION
 COUNTY/PARISH Hamilton STATE Kansas API. NO.
 NAME Hugoton Energy
 AND
 ADDRESS
 ZIP CODE

WELL DATA:		BOTTOM		TOP	
BIT SIZE 7 7/8"	CSG/Liner Size 4 1/2				
TOTAL DEPTH 2825	WEIGHT 10.5				
<input checked="" type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE 2825				
MUD TYPE wB	GRADE				
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD 8rd				
MUD DENSITY 8.8	LESS FOOTAGE SHOE JOINT(S) -0				TOTAL
MUD VISC.	Disp. Capacity 2825				

SPECIAL INSTRUCTIONS safely cement the 4 1/2" production casing per customers orders.
 IS CASING/TUBING SECURED? YES NO
 LIFT PRESSURE 1860 PSI CASING WEIGHT - SURFACE AREA (3.14 x R²)
 PRESSURE LIMIT 1700 PSI BUMP PLUG TO lift + 500 PSI
 ROTATE RPM RECIPROCAT FT No. of Centralizers 4

Float	TYPE	DEPTH	Stage Tool	TYPE	DEPTH
	Flapper	2825			
	Auto fill flapper	2825			

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

JOB SCHEDULED FOR TIME: 1500 DATE: 2-2-94 ARRIVE ON LOCATION TIME: 1500 DATE: 2-2-94 LEFT LOCATION TIME: 1930 DATE: 2-2-94

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
1732		410	10		7	H ₂ O	8.34	Start H ₂ O Ahead.
1833		200	233	10	7	cmt	12.2	Start + lead slurry
1806		250	17	243	7	cmt	14.8	start tail slurry
1809		-		260	-	-	-	shutdown / Washline / Drop Top Plug
1813		670	35	260	6	H ₂ O	8.34	start Displacement
1819		730	10	295	2	H ₂ O	8.34	lower Rate
1824		1400		305	-	-	-	Bump Plug check float / It held. Release Dowell

ORIGINAL

REMARKS

RECEIVED
 STATE CORPORATION COMMISSION
 JUL 28 1994
 CONSERVATION DIVISION
 Wichita, Kansas

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
			BBL	DENSITY	BBL	DENSITY
1.	625	2.1	65/35 40% + 10% D20	233	12.2	
2.	75	1.32	Class "C" + 2% D20	17	14.8	
3.						
4.						
5.						
6.						

BREAKDOWN FLUID TYPE
 HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO 17 Bbbs
 PRESSURE MAX. 1400 MIN: 0
 BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. 44.9 Bbbs
 TYPE OF WELL OIL STORAGE BRINE WATER
 GAS INJECTION WILDCAT
 Washed Thru Perfs YES NO TO FT. MEASURED DISPLACEMENT WIRELINE
 PERFORATIONS TO TO CUSTOMER REPRESENTATIVE Joe Brougher DS SUPERVISOR Steve Merach