

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

API NO. 15- 075-20542-0000 **ORIGINAL**
County HAMILTON
NW - SE - SE - Sec. 7 Twp. 21S Rge. 40W X E

Operator: License # 3871

1277 FSL Feet from (S)N (circle one) Line of Section

Name: Hugoton Energy Corporation

1363 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 MAXFIELD Well # 2-7

Purchaser: CIBOLA

Field Name BRADSHAW

Operator Contact Person: Jim Gowens

Producing Formation CHASE

Phone (316) 262-1522

Elevation: Ground 3569' KB 3577'

Contractor: Name: Murfin Drilling Co., Inc.

Total Depth 2835' PBDT _____

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
X New Well Re-Entry Workover

If yes, show depth set _____ Feet

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

If Alternate II completion, cement circulated from 2834

feet depth to surface w/ 675 sx cmt.

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

Drilling Fluid Management Plan ALT 2, 9H 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 _____

03/21/94 03/23/94 7/14/94
Spud Date Date Reached TD Completion Date

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 _____

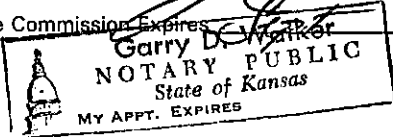
Title Jim Gowens, V.P. Exploration Date 8/18/94

Subscribed and sworn to before me this 18 day of August, 1994

Notary Public _____

Date Commission Expires 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 Other
RECEIVED
AUG 18 1994
CONSERVATION DIVISION
WICHITA, KANSAS



8-19-94 PI

SIDE TWO

Operator Name Hugoton Energy Corporation Lease Name MAXFIELD Well # 2-7

East

County HAMILTON

Sec. 7 Twp. 21S Rge. 40W 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 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		
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'	90	6% gel + 3% cacl2 + 1/4#/sk D29
production	7-7/8"	4-1/2"	9.5#	2834'	65/35 poz Class 'C'	600	6% D20 + 2% S1 + 1/4#/sk D29
						75	2% S1 + 1/4#/sk D29 + 0.6%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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
2	2778' - 2788' (10')		500 gal 15% FE acid 4000# 100 mesh sand 18,000# 12/20 Brady sand	2778' - 2788' 2778' - 2788' 2778' - 2788'

TUBING RECORD	Size <u>2-3/8"</u>	Set At <u>2831'</u>	Packer At <u>NA</u>	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> RECEIVED STATE CORPORATION COMMISSION AUG 19 1994 </div>	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	<u>7/23/94</u>		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 <u>0</u> Bbls.	Gas <u>130</u> Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

CONSERVATION DIVISION
WICHITA, KANSAS

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

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 2778' - 2788'
 (If vented, submit ACO-18) Other (Specify) _____

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER: 03-12-6043 DATE: 3-21-94
 STAGE: DS DISTRICT: Ulysses, Ks.

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

WELL NAME AND NO.: Max Field #2-7 LOCATION (LEGAL): Sec. 7-21s-40w RIG NAME: Murfin Drilling #20

FIELD-POOL: _____ FORMATION: _____

COUNTY/PARISH: Hamilton STATE: Ks. API. NO.: _____

NAME: Hugoton Energy Corp.

ADDRESS: _____

ZIP CODE: _____

SPECIAL INSTRUCTIONS: _____

WELL DATA:		BOTTOM		TOP	
BIT SIZE	24	CSG/Liner Size	8 7/8		
TOTAL DEPTH	35	WEIGHT	24		
<input checked="" type="checkbox"/> ROT <input type="checkbox"/> CABLE		FOOTAGE	340		
MUD TYPE		GRADE	SSS		
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT		THREAD	8ed		
MUD DENSITY		LESS FOOTAGE SHOE JOINT(S)			TOTAL
MUD VISC.		Disp. Capacity	20.3		

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

Float	DEPTH	TYPE	Stage Tool	DEPTH	TYPE
SHOE					

ORIGINAL

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE: 140 PSI CASING WEIGHT ÷ SURFACE AREA (3.14 x R²): _____

PRESSURE LIMIT: _____ PSI BUMP PLUG TO: _____ PSI

ROTATE: _____ RPM RECIPROCATE: _____ FT No. of Centralizers: _____

Head & Plugs: TBG D.P. SQUEEZE JOB

Double Single Swage Knockoff

TOOL TYPE: _____ DEPTH: _____

TAIL PIPE: SIZE: _____ DEPTH: _____

TUBING VOLUME: _____ Bbls

CASING VOL. BELOW TOOL: _____ Bbls

TOTAL: _____ Bbls

ANNUAL VOLUME: _____ Bbls

JOB SCHEDULED FOR TIME: _____ DATE: ASAP 3-21-94

ARRIVE ON LOCATION TIME: 7:30 DATE: 3-21-94

LEFT LOCATION TIME: 19:30 DATE: 3-21-94

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
1749		0	10		5.5	H2O		start H2O ahead
1751		140	34		5.5	cmf	12.2	start lead cmf.
1754		110		17	5.5	cmf	17.2	psi check
1757		140			5.5	cmf	14.8	start tail cmf.
1759		190		12	5.5	cmf	14.8	psi check
1801		0						shut down deep top plug
1802		0	20		3	H2O		start displacement
1807		190		11.5	3	H2O		psi check
1809		110		18	3			" "
1809			20	3				shutdown top plug displace
1810								20FT. from bottom of casing
								end job shut manifold in

REMARKS: _____

RECEIVED STATE CORPORATION COMMISSION

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
			BLS	DENSITY	BLS	DENSITY
1.	90	2.10	65C	35%oz + 6% gal + 3% carb	33.6	12.2
2.						
3.	90	1.32	class C	+ 3% carb + 4% ...	21	14.8
4.						
5.						
6.						

CONSERVATION DIVISION WICHITA, KANSAS

BREAKDOWN FLUID TYPE: HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO

Cement Circulated To Surf. YES NO

BREAKDOWN: _____ PSI FINAL _____ PSI DISPLACEMENT VOL. _____ Bbls

Washed Thru Perfs YES NO TO _____ FT. MEASURED DISPLACEMENT _____ WIRELINE

PERFORATIONS: _____ TO _____ TO _____

CUSTOMER REPRESENTATIVE: Rodney Farr

DS SUPERVISOR: James Esquivel

WELL NAME AND NO. **Mayfield 2-7** LOCATION (LEGAL) **Sec. 7-215-40W**
 FIELD POOL _____ FORMATION _____
 COUNTY/PARISH **HAMILTON** STATE **KS.** API. NO. _____

NAME **Hugoton Energy Corp**
 AND _____

ADDRESS _____
 ZIP CODE _____

SPECIAL INSTRUCTIONS _____

RIG NAME: **Murfin Drilling #20**
 WELL DATA: BIT SIZE **7/8** CSGL/liner Size **4 1/2** BOTTOM _____ TOP _____
 TOTAL DEPTH **2845** WEIGHT **10.5**
 ROT CABLE FOOTAGE **2845** ORIGINAL
 MUD TYPE _____ GRADE **SSS**
 BHST BHCT THREAD **8pd**
 MUD DENSITY _____ LESS FOOTAGE SHOE JOINT(S) _____ TOTAL _____
 MUD VISC. _____ Disp. Capacity **45.2**

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

Float	TYPE	DEPTH	Stage Tool	TYPE	DEPTH
STAGE	TYPE	DEPTH	TYPE	DEPTH	
	to fill float shoe	2845			

IS CASING/TUBING SECURED? YES NO
 LIFT PRESSURE **1880** PSI CASING WEIGHT + SURFACE AREA (3.14 x R²) _____
 PRESSURE LIMIT _____ PSI BUMP PLUG TO **1370** PSI
 ROTATE _____ RPM RECIPROCATATE _____ FT No. of Centralizers **3**

Head & Plugs TBG D.P. SQUEEZE JOB
 Double WEIGHT TYPE _____
 Single GRADE TAIL PIPE SIZE _____ DEPTH _____
 Swage THREAD TUBING VOLUME _____ Bbls
 Knockoff NEW USED CASING VOL. BELOW TOOL _____ Bbls
 TOP OR W DEPTH _____ TOTAL _____ Bbls
 BOT OR W DEPTH _____ ANNUAL VOLUME _____ Bbls

TIME	PRESSURE	VOLUME PUMPED DBL	JOB SCHEDULED FOR	ARRIVE ON LOCATION	LEFT LOCATION
0001 to 2400	TBG OR D.P. CASING	INCREMENT CUM	TIME DATE	TIME DATE	TIME DATE
			7:00 3-23-94	7:00 3-23-94	2:30 3-23-94

TIME	PRESSURE	VOLUME PUMPED DBL	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
1908	0	10	7	H2O		PRE-JOB SAFETY MEETING
1910	310	22.4	7	CMT	12.2	start H2O ahead
1925	190	11.2	7	CMT	12.2	start lead cmt.
1907	200	17.6	7	CMT	14.8	psi check
1942	310	15	7	CMT	14.8	start tail cmt.
1944	0					psi check
1947	0	45	5	H2O		shutdown wash pump lines drop top plug
1950	110	11	5			start displacement
1951	210	20	5			psi check
1954	460	30	5			" "
1955	660	38	2			lower rate
1956	620	40	2			psi check
1957	700	42	2			" "
1958	1370	45	2			bump top plug
1959						bleed psi off plug holding
						END JOB

REMARKS _____

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEM	SLURRY MIXED BBLs	DENSITY
1.	600	2.10	65C 35Spn + 6%aq + 2%cacl2 + 4/1029	224.4	12.2
2.					
3.	75	1.32	class C + 2%cacl2 + .6%DiO + 4/1029	17.6	14.8
4.					
5.					
6.					

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 WICHITA, KANSAS

REACKDOWN FLUID TYPE _____ VOLUME _____ DENSITY _____ PRESSURE _____ MAX. _____ MIN. _____
 HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO Bbls.
 REACKDOWN _____ PSI FINAL _____ PSI DISPLACEMENT VOL. **45.2** Bbls TYPE OIL STORAGE BRINE WATER
 GASH INJECTION WILDCAT
 Washed Thru Parts YES NO TO _____ FT. MEASURED DISPLACEMENT _____ WIRELINE
 PERFORATIONS _____ CUSTOMER REPRESENTATIVE **Joe Brougher** DS SUPERVISOR **James Esquivel**