

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

Operator: License # 3871

Name: Hugoton Energy Corporation

Address: 301 N. Main, Suite 1900

City/State/Zip Wichita, Kansas 67202

Purchaser: 1/4

Operator Contact Person: Earl Ringeisen

Phone (316) 262-1522

Contractor: Name: Murfin Drilling Rig #20

License: 30606

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

Designate Type of Completion

- New Well
- Re-Entry
- Workover
- Oil
- SWD
- SIOW
- Temp. Abd.
- Gas
- ENHR
- SIGW
- Dry
- Other (Core, WSW, Expl., Cathodic, etc.)

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

Operator: United Prod

Well Name: Staerke # 1

Comp Date 6/3/55 Old Total Depth: 6195

- RENAMED WELL
- Deepening
- Re-perf.
- Conv. to Inj/SWD
- Plug Back
- Commingled
- Dual Completion
- Other (SWD or Inj?)

5/12/94 5/15/94 7/19/94  
Date of REENTRY Date Reached TD Completion Date

API NO. 15- 075-01002-001

County Hamilton

SE - SE - S 14 T 22 R 41 W

660 Feet from (S) Line of Section

660 Feet from (E) Line of Section

Footages Calculated From Nearest Outside Section Corner:

NE, (S), NW, or SW (circle one)  
**(FORMERLY STAERKE #1)**

Lease Name Martin SWD Well # 1-14

Field Name Bradshaw

~~Bradshaw~~ Formation Arbuckle

Elevation: Ground 3549' KB \_\_\_\_\_

Total Depth 6208' PBTD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 572' Feet.

Multiple State Cementing Collar Used?  Yes  No

If yes, show depth set 2899 Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

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

Drilling Fluid Management Plan REENTRY JK 9-11-97

(Data must be collected from the Reserve Pit)

Chloride content 2000 ppm Fluid volume 805 bbls

Dewatering method used KCC

Location of fluid disposal if hauled offsite: AUG 15

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

Lease Name RELEASED License No. CONFIDENTIAL

Quarter SEP Sec 12 Twp \_\_\_\_\_ R \_\_\_\_\_ E/W

FROM CONFIDENTIAL

8-16-96 Docket No. \_\_\_\_\_

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market, Finney State Office 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 Earl Ringeisen

Title Production Manager Date: 08/14/96

Subscribed and sworn to before me this 14th day of Aug '96  
Notary Public Arlene Valliquette

Date Commission Expires July 21, 1998

NOTARY PUBLIC - STATE of KANSAS  
ARLENE VALLIQUETTE  
My Appt. Exp. 7-21-99

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)

ORIGINAL

SIDE TWO

CONFIDENTIAL

Operator Name Hugoton Energy Corporation Lease Name Martin SWD Well # 1-14
Sec 14 Twp 22 S Rge 41 West County Hamilton

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.

Table with columns for Log (checked), Formation (Top), Depth and Datums, and Sample. Includes rows for B/SC, Winfield, Heebner, Cherokee, Lansing, Morrow, Mississippi, VIO, Simp, and Arbuckle with their respective depths and datum values.

CASING RECORD

Report all strings set-conductor, surface, intermediate, production, etc.
New (unchecked) Used (checked)

Table with columns: Purpose of String, Size Hole Drilled, Size Casing Set (in O.D.), Weight Lbs/Ft, Setting Depth, Type of Cement, # Sacks Used, and Type and Percent Additives. Rows include Surface, Intermediate, Production, and Port Collar.

ADDITIONAL CEMENTING/SQUEEZE RECORD

Table with columns: Purpose (Perforate, Protect Casing, Plug Back TD, Plug Off Zone), Depth (Top, Bottom), Type of Cement, # Sacks Used, and Type and Percent Additives.

PERFORATION RECORD - Bridge Plugs Set/Type. Includes fields for Shots per foot, Specify Footage of Each Interval Perforated (Open Hole 6055'-6208'), Acid, Fracture, Shot, Cement Squeeze Record (1750 gal 15% regular acid), and Depth.

TUBING RECORD. Includes fields for Size (2-7/8"), Set At (6016'), Packer at (6013.99'), Liner Run (checked Yes), Date of First, Resumed Production, SWD or Inj. (8/18/94), Producing Method (checked Other), and Estimated Production per 24 Hours (Oil NA, Gas NA, Water NA, Gas-Oil Ratio NA, Gravity NA).

Disposition of Gas: METHOD OF COMPLETION

Disposition of Gas: Vented (unchecked), Sold (unchecked), Used on Lease (unchecked), Open Hole (checked), Perf. (unchecked), Dually Comp. (unchecked), Commingled (unchecked), Other (Specify) SWD. Production Interval: Open Hole 6055'-6208'.

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER: 5-075-01002-000  
 DATE: 03-12-61163  
 STAGE: DS DISTRICT: WISSER, Kc

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

WELL NAME AND NO. <b>MARTIN 1-14</b>	LOCATION (LEGAL) <b>Sec 14-225-41w</b>	RIG NAME <b>Muffin Drilling #20</b>
FIELD-POOL	FORMATION	WELL DATA: BIT SIZE <b>7 7/8</b> CSG/Liner Size <b>5 1/2</b>
COUNTY/PARISH <b>Hamilton</b>	STATE <b>Kc.</b>	API. NO.
NAME <b>Hugoton Energy Corp</b>	AND	WELL DATA: TOTAL DEPTH <b>608</b> WEIGHT <b>15.5</b>
ADDRESS <b>CONFIDENTIAL</b>	ZIP CODE	WELL DATA: FOOTAGE <b>606.5</b>
SPECIAL INSTRUCTIONS <b>RELEASED</b>		WELL DATA: MUD TYPE <b>8rd</b> GRADE <b>155</b>
		WELL DATA: MUD DENSITY <b>144.3</b> LESS FOOTAGE SHOE JOINT(S)
		WELL DATA: MUD VISC. <b>144.3</b> Disp. Capacity

**ORIGINAL**

NOTE: Include Footage From Ground Level To Head In Disp. Capacity	FOOT TYPE	DEPTH	TOOL TYPE	DEPTH
	SHOE TYPE <b>float shoe</b>	DEPTH <b>606.5</b>	TOOL TYPE <b>collar</b>	DEPTH <b>2900</b>
Head & Plugs	<input type="checkbox"/> TBG	<input type="checkbox"/> D.P.	SQUEEZE JOB	
<input type="checkbox"/> Double	SIZE	TOOL TYPE	DEPTH	
<input checked="" type="checkbox"/> Single	WEIGHT	TAIL PIPE: SIZE	DEPTH	
<input type="checkbox"/> Swage	GRADE	TUBING VOLUME	Bbls	
<input type="checkbox"/> Knockoff	THREAD	CASING VOL. BELOW TOOL	Bbls	
TOP OR OW	<input type="checkbox"/> NEW <input type="checkbox"/> USED	TOTAL	Bbls	
BOT OR OW	DEPTH	ANNUAL VOLUME	Bbls	

IS CASING/TUBING SECURED? <b>YES</b> <input type="checkbox"/> NO	LIFT PRESSURE <b>3960</b> PSI	CASING WEIGHT SURFACE AREA (3.14 x R <sup>2</sup> )
PRESSURE LIMIT <b>1250</b> PSI	BUMP PLUG TO <b>1250</b> PSI	ROTATE <b>RPM</b> RECIPROCATE <b>FT</b> No. of Centralizers <b>4</b>

TIME	PRESSURE	VOLUME PUMPED bbl	JOB SCHEDULED FOR	ARRIVE ON LOCATION	LEFT LOCATION
0001 to 2400	TBG OR D.P.	CASING	DATE	TIME	DATE
2159	0	11	ASAP	1630	2400
2201	470	56	5-15-94	5-15-94	5-15-94
2205	320	28			
2209	210	24			
2212	130	14			
2216	20				
2217	30	144			
2222	170	30			
2227	130	70			
2231	130	100			
2232	220	106			
2233	300	110			
2234	440	20			
2236	680	130			
2237	820	137			
2239	700	141			

REMARKS: 2241 1250 144 2 bump top plug  
 2242 bleed psi SA check float + holding endrob

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS	SLURRY MIXED BBLs	DENSITY
1.	150	2.10	65C 35pa2 + 6% agal + 2% carls + 1/4" D29	56	12.2
2.					
3.	100	1.32	classc + 2% carls + 1/4" D29 + .6% D60	23.5	14.8
4.					
5.					
6.					

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	MAX	MIN:
<input type="checkbox"/> HESITATION SQ.	<input type="checkbox"/> RUNNING SQ.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Cement Circulated To Surf.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Bbls.
BREAKDOWN	PSI	FINAL	PSI	DISPLACEMENT VOL.	144.3 Bbls
Washed Thru Parts	<input type="checkbox"/> YES <input type="checkbox"/> NO	TO	FT.	MEASURED DISPLACEMENT	<input type="checkbox"/> WIRELINE
PERFORATIONS	TO	TO	CUSTOMER REPRESENTATIVE	DS	SUPERVISOR
			Joe Brougher		Tamas Fequival

CEMENTING SERVICE REPORT



15-075-01002-0001

DS-498 PRINTED IN U.S.A.

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER	DATE
03-12-1234	8/14/94
STAGE	DISTRICT
2	ULYSSES

WELL NAME AND NO. MARTIN 1-14 SWD LOCATION (LEGAL) SEC. 14-225-41W

FIELD POOL \_\_\_\_\_ FORMATION \_\_\_\_\_

COUNTY/PARISH HAMILTON STATE KANSAS API. NO. \_\_\_\_\_

NAME HUGOTON ENERGY

AND **CONFIDENTIAL**

ADDRESS \_\_\_\_\_

ZIP CODE \_\_\_\_\_

RIG NAME: Patrick Well Service

WELL DATA:	BOTTOM	TOP
BIT SIZE <u>7 7/8"</u>	CSG/Inner Size <u>5 1/2"</u>	
TOTAL DEPTH	WEIGHT <u>16.5#</u>	
<input type="checkbox"/> BOT <input type="checkbox"/> CABLE	FOOTAGE	
MUD TYPE	GRADE	
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD	
MUD DENSITY	LEGS FOOTAGE SHOE JOINT(S)	TOTAL
MUD VISC.	Disp. Capacity	

NOTE: Include Footage From Ground Level To Head In Clog, Capacity

**ORIGINAL**

SPECIAL INSTRUCTIONS

SMALL COMMENT 2ND STAGE OF 5 1/2" PRODUCTION CASING VIA STAGE TOOL AS INSTRUCTED BY CUSTOMER

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 NA PSI

ROTATE NA RPM RECIPROCATE NA FT No. of Centralizers NA

Flow	TYPE	DEPTH	Stage Tool	TYPE	DEPTH
					<u>2878'</u>
SHOE	TYPE	DEPTH		TYPE	DEPTH
	<u>NA</u>				

Head & Plugs	<input type="checkbox"/> REG <input type="checkbox"/> O.P.	SQUEEZE JOB	
<input type="checkbox"/> Double	SIZE <u>7 7/8"</u>	TOOL	TYPE
<input type="checkbox"/> Single	<input type="checkbox"/> WEIGHT <u>16.60#</u>		DEPTH
<input type="checkbox"/> Swage	<input type="checkbox"/> GRADE	TAIL PIPE: SIZE	DEPTH
<input type="checkbox"/> Knockoff	<input type="checkbox"/> THREAD	TUBING VOLUME	Bbls
<input type="checkbox"/> TOP OR OW	<input type="checkbox"/> NEW <input type="checkbox"/> USED	CASING VOL BELOW TOOL	Bbls
<input type="checkbox"/> BOT OR OW	DEPTH	TOTAL	Bbls
		ANNUAL VOLUME	Bbls

TIME: 0001 to 2400

PRESSURE: TBG OR O.P. CASING

VOLUME PUMPED bbl: INCREMENT CUM

JOB SCHEDULED FOR TIME: 8:30 DATE: 6/14/94 ARRIVE ON LOCATION TIME: 15:15 DATE: 6/12/94 LEFT LOCATION TIME: 19:20 DATE: 6/14/94

TIME	TBG OR O.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
								PREJOB SAFETY MEETING
								START JOB
17:15	575		8	-	2.5	H <sub>2</sub> O	8.33	PRESSURE TEST SAME TOOL
17:20	590		10	8	6	H <sub>2</sub> O	8.33	FLOW CIRCULATION
17:23	460		219	18	6	CMT	12.2	PUMP WATER AHEAD
18:02	470		18	237	15	CMT	16.4	START PUMPING LEAD SLURRY
18:16	320		14	255	5.5	H <sub>2</sub> O	8.33	START PUMPING TAIL SLURRY
18:20			-	219				START PUMPING DISPLACEMENT
18:25	52000		1	269				SHUTDOWN
18:38			26	270				PRESSURE TEST STAGE TOOL
18:47				296				START TO RELEASE OUT COMMENT
								SHUTDOWN

SEP 12 1997 FROM CONFIDENTIAL

RECEIVED KANSAS CORPORATION COMMISSION AUG 16 1998

REMARKS: Per MR. Joe Bratcher cut load @ 219 Bbls away

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS	SLURRY MIXED BBLs	DENSITY
1.	700	2.1	65/25 C/P 2 + 6% D/D + 2% SA L 1/4 #/sk D/D 9	961.81	12.2
2.	100	1.05	CLASS H	18.70	16.4
3.					
4.					
5.					
6.					

BREAKDOWN FLUID TYPE: NA VOLUME: NA DENSITY: NA PRESSURE: MAX. MIN:

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

BREAKDOWN: PSI FINAL PSI DISPLACEMENT VOL 14 PER. TO MIN Bbls TYPE OF WELL  OIL  GAS  STORAGE  INJECTION  BRINE WATER  WILDCAT

Washed Thru Port:  YES  NO TO \_\_\_\_\_ FT. MEASURED DISPLACEMENT   WIRELINE

PERFORMING TO TO \_\_\_\_\_ CUSTOMER REPRESENTATIVE \_\_\_\_\_ SUPERVISOR \_\_\_\_\_