

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- 075-20635-0000
County Hamilton
- SW - NE S 14 T 24S R 40 W

Operator: License # 3871
Name: Hugoton Energy Corporation
Address: 301 N. Main, Suite 1900

City/State/Zip Wichita, Kansas 67202

Purchaser: _____

Operator Contact Person: Earl Ringeisen

Phone (316) 262-1522

Contractor: Name: Murfin Drilling

License: 30606

Wellsite Geologist: Arden Ratzlaff

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: _____

Well Name: _____

Comp Date _____ Old Total Depth: _____

- Deepening
- Re-perf.
- Conv. to Inj/SWD
- Plug Back _____ PBDT
- Commingled _____ Docket No. _____
- Dual Completion _____ Docket No. _____
- Other (SWD or Inj?) _____ Docket No. _____

3/11/97 03/24/97 04/05/97
Spud Date Date Reached TD Completion Date

1715 Feet from N Line of Section
2025 Feet from E Line of Section

Footages Calculated From Nearest Outside Section Corner:

NE, SE, NW, or SW (circle one)

Lease Name Brownlee Well # 1-14

Field Name Wildcat (Bradshaw)

Producing Formation Arbuckle

Elevation: Ground 3219 KB _____

Total Depth 6310' PBDT _____

Amount of Surface Pipe Set and Cemented at 1860 Feet.

Multiple State Cementing Collar Used? Yes No

If yes, show depth set 2927 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 7 7-30-97

(Data must be collected from the Reserve Pit) DLW

Chloride content 36000 ppm Fluid volume 800 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter K03 Sec _____ Twp _____ E/W

APR 14 4-15-97

County CONFIDENTIAL 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: 04/10/97

Subscribed and sworn to before me this 10th day of April 1997

Notary Public Arlene Valliquette

Date Commission Expires _____

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

Operator Name Hugoton Energy Corporation Lease Name Brownlee Well # 1-14

Sec 14 Twp 24S Rge 40 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.

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	Heebner	3703	-473
Electric Log Run (Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	3762	-532
List All E. Logs run: Compensatec Neutron Compensated Photo-Density, Borehole Compensated Sonic w/ Integrated Time Travel Gamma Ray, Array Induction Shallow Focused Electric, Micro-resistivity		Base Kansas City	4251	-1021
		Marmaton	4295	-1065
		Cherokee	4444	-1214
		Morrow Shale	4836	-1606
		Morrow Sand	5029	-1799
		Mississippi	5094	-1864
		Arbuckle	5978	-2748

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"	24#	1860'	Class C 65/35 Class C	150 550 150	3% cc 6% gel, 3%cc, 1/4#/sk Flo-cele 3% cc
Production	7-7/8"	5-1/2"	17#	6004	35/65 Poz Class C	150 150	6% D20, 2% SI, 1/4#/sk D29 2% SI, 1% D60, 1/4#/sk D29
Port Collar				2927'	Class C Class C Neat	250 100	3%D79, 2% SI, 2%D46, 1/4#/sk D29

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	
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
	open hole	2500 gal 28% acid	

TUBING RECORD		Size <u>2-7/8'</u>	Set At <u>5966</u>	Packer at <u>5966</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.			Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production per 24 Hours	Oil Bbls	Gas Mcf	Water Bbls	Gas-Oil Ratio	Gravity

Disposition of Gas: METHOD OF COMPLETION

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

Form ACO-1 (7/91)

STAMPED AREA

ALLIED CEMENTING CO., INC. 5224

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT:

Oakley

DATE <u>3/13/97</u>	SEC. <u>14</u>	TWP. <u>24s</u>	RANGE <u>40W</u>	CALLED OUT	ON LOCATION <u>12:30 PM</u>	JOB START <u>12:15 AM</u>	JOB FINISH <u>6:30 AM</u>
LEASE <u>Brownlee</u>	WELL# <u>1-14</u>	LOCATION <u>Syracuse 3 1/2 E N/5</u>			COUNTY <u>Hamilton</u>	STATE <u>Ks</u>	

OLD OR NEW (Circle one)

CONFIDENTIAL

CONTRACTOR <u>MURFIN #20</u>	OWNER <u>SAME</u>
TYPE OF JOB <u>CMT 8 3/4 SURFACE CSG</u>	CEMENT
HOLE SIZE <u>12 1/4</u>	T.D. <u>1860</u>
CASING SIZE <u>8 3/4 24#</u>	DEPTH <u>1863</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>400</u>	MINIMUM <u>100</u>
MEAS. LINE	SHOE JOINT <u>40</u>
CEMENT LEFT IN CSG. <u>40</u>	
PERFS.	

AMOUNT ORDERED <u>150 class C + 390 cc</u>	
<u>550 SKS 65/35 + 670 gal 3% cc 4 1/2 Flo-Seal</u>	
<u>150 SKS class C + 390 cc</u>	
COMMON <u>C-300 SKS @ 9.00</u>	<u>2,700.00</u>
POZMIX @	
GEL @	
CHLORIDE <u>28 SKS @ 28.00</u>	<u>784.00</u>
RELEASED <u>Lite 550 SKS @ 6.65</u>	<u>3,657.50</u>
<u>Flo-Seal 138# @ 1.15</u>	<u>158.70</u>
HANDLING <u>850 SKS @ 1.05</u>	<u>892.50</u>
MILEAGE <u>4¢ per sk/wild</u>	<u>1,598.00</u>

RELEASED

SEP 16 1998

EQUIPMENT

PUMP TRUCK # <u>300</u>	CEMENTER <u>Max</u>	HELPER <u>Wayne</u>
BULK TRUCK #	DRIVER <u>Bill</u>	
BULK TRUCK # <u>305</u>	DRIVER <u>JEFF</u>	

TOTAL 9,790.70

APR 14

REMARKS:

CONFIDENTIAL SERVICE

Cmt 8 3/4 surface csg with 550 SKS
65/35 + 670 gal 3% cc 4 1/2 Flo-Seal + 150 SKS
Class C + 390 cc Drop Plug Displace 116
Ball and Plug float held cement
Did not circulate top off with
150 SKS class C + 390 cc cement
in cellar cone touched w/100'
14 100' of rod

DEPTH OF JOB <u>1863</u>	
PUMP TRUCK CHARGE <u>1,030.00</u>	
EXTRA FOOTAGE @	
MILEAGE <u>47 - mi. @ 2.85</u>	<u>133.95</u>
PLUG <u>8 3/4 Rubber @ 90.00</u>	<u>90.00</u>
TOTAL	<u>1,253.95</u>

CHARGE TO: Hugoton Energy
 STREET 4532 W Jones Ave.
 CITY Garden City STATE Kan ZIP 67846

FLOAT EQUIPMENT

@	
@	
@	
@	
@	

TOTAL

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE

Rodney Farn

CEMENTING SERVICE REPORT

Schlumberger
Dowell

15-075-20635-0000

TREATMENT NUMBER 9068	DATE 3-24-98
STAGE 1	DS 03
DISTRICT 12	

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

WELL NAME AND NO. <i>Brown 302 1-14</i>	LOCATION (LEGAL) <i>3-06, 14-245-4106</i>	RIG NAME: <i>Muffin 20</i>
FIELD-POOL	FORMATION	WELL DATA:
COUNTY/PARISH <i>Hamilton</i>	STATE <i>KS</i>	API NO.
NAME <i>Hilgerton Energy</i>	AND	ADDRESS
ZIP CODE	SPECIAL INSTRUCTIONS <i>Grade wait 54 1/5 w/ perf at 11:00 AM instructions</i>	
IS CASING/TUBING SECURED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	PSI	PSI
LIFT PRESSURE <i>2000</i>	CASING WEIGHT + SURFACE AREA <i>4300 (3.14 x RP)</i>	PSI
ROTATE RPM	RECIPROCATATE FT	No. of Centralizers

BIT SIZE <i>3 1/2</i>	CSG/Liner Size <i>5 1/2</i>	BOTTOM	TOP
TOTAL DEPTH <i>5912</i>	WEIGHT <i>17</i>	ORIGINAL	
<input type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE <i>6012</i>		
MUD TYPE	GRADE		
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD <i>860</i>		
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S)	TOTAL	
MUD VISC.	Disp. Capacity <i>1398</i>		

SHOE	TYPE <i>Flap</i>	DEPTH <i>5912</i>	SHOE	TYPE <i>Post-Call</i>	DEPTH <i>241</i>
SHOE	TYPE <i>Backhoe</i>	DEPTH <i>5912</i>	SHOE	TYPE <i>+</i>	DEPTH <i>241</i>
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	TOOL	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"/> OR <input type="checkbox"/> W	<input type="checkbox"/> NEW <input type="checkbox"/> USED	CASING VOL. BELOW TOOL		Bbls	
BOT <input type="checkbox"/> OR <input type="checkbox"/> W	DEPTH	TOTAL		Bbls	
ROTATE	RPM	RECIPROCATATE	FT	No. of Centralizers	

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME	DATE	TIME	DATE	TIME	DATE	
0001 to 2400											
2017	2050		X		430	6.3	DSI TEST				
2020	450	10	X	5	11	11	SHUT WASH				
2022	460	12	10	5	11	11	11:00	APR 14			
2025	500	44	22	5	11	13	10 cont				
2034	200	35	66	5	14.8	14.8	TL cont	CONFIDENTIAL			
2040	250		101	5	430	5.3	SHUT DOWN WASH TO PIT				
2045	20	139	X	5.7	11	11	DRIP PLUG START DISP				
2058	55		50	5.5	11	11	DSI CHECK				
2102	200		59	5.7	11	11	PIT CHECK				
2106	626		110	5.6	11	11	11 11				
2109	1005		129	5.6	11	11	11 11				
2111	980		133	2.7	11	11	LOW PR RATE				
2112	1740		139	2.7	11	11	PUMP TO P PLUG				
2115							OPEN WASH CHECK				

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED
			BBLs	DENSITY	
1.			100% Wash CW 100		
2.	150	1.73	35% 400 + 62% 20 + 2% 5-1 + 1/2% 5-1		13.0
3.					
4.	150	1.32	10% 400 + 2% 5-1 + 1% 0-60 + 1/2% 5-1		14.8
5.					
6.					

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	MAX. 1740	MIN. 60
<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 checked="" type="checkbox"/> NO Bbls	
BREAKDOWN	PSI	FINAL	PSI	DISPLACEMENT VOL. 139	Bbls
Washed Thru Perfs	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	TO	FT.	MEASURED DISPLACEMENT	<input type="checkbox"/> WIRELINE
PERFORATIONS	TO	TO	CUSTOMER REPRESENTATIVE	DS SUPERVISOR	
			<i>Paul Brucher</i>	<i>Joe Ringer</i>	

RELEASED

SEP 16 1998

FROM CONFIDENTIAL

RECEIVED
MAISAS CORP COMM
1998 APR 15 AM 11 11