

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

*Rec'd
2-1-97*

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: Joe Brougher

Designate Type of Completion

- New Well
- Re-Entry
- Workover
- Oil
- SWD
- SLOW
- 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
- Commingled
- Dual Completion
- Other (SWD or Inj?)

11/1/96 11/3/96 11/19/96
 Spud Date Date Reached TD Completion Date

API NO. 15- 075-20616
 County Hamilton
 C - NE - S 14 T 21S R 40 W

3930 Feet from Ⓢ Line of Section

1250 Feet from Ⓢ Line of Section

Footages Calculated From Nearest Outside Section Corner:

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

Lease Name Frack Well # 2-14

Field Name Bradshaw

Producing Formation Chase

Elevation: Ground 3517 KB _____

Total Depth 2805 PBSD _____

Amount of Surface Pipe Set and Cemented at 351 Feet.

Multiple State Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 2805

feet depth to surface w/ 700 sx cmt.

Drilling Fluid Management Plan ALT 2 JH 10-17-97

(Data must be collected from the Reserve Pit)

Chloride content 33,500 ppm Fluid volume 584 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

____ Quarter Sec Twp _____ R _____ E/W

FEB 10

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: 02/07/97

Subscribed and sworn to before me this 7TH day of FEB. '97
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 <input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C <input type="checkbox"/>	Wireline Log Received
C <input type="checkbox"/>	Geologist Report Received
Distribution	
<input checked="" type="checkbox"/>	KCC _____ SWD/Rep _____ NGPA
_____	KGS _____ Plug _____ Other (Specify)

SIDE TWO

Operator Name Hugoton Energy Corporation Lease Name Frack Well # 2-14
 Sec 14 Twp 21S 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 type="checkbox"/> Log Formation (Top), Depth and Datums Name Top Datum Base Anhydrite 2356 +1172 Winfield 2763 +765	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Electric Log Run (Submit Copy)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
List All E. Logs run:			

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"	23#	351'	60/40	225	2% gel + 3% cc
Production	7-7/8"	4-1/2"	9.5#	2805	65/35 Poz Class C	550 150	6% gel + 1/4#/sk Flo-seal

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Depth		Type of Cement	# Sacks Used	Type and Percent Additives
	Top	Bottom			

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
4	2777-2782 Fracture	500 gal 15% HCL 13,670 gal linear gel + 15,000# 16/30 mesh sand + 3000# 16/30 resin coated sand	

TUBING RECORD		Size <u>2-3/8"</u>	Set At <u>2789</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>11/22/96</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 Bbbs <u>0</u>	Gas Mcf <u>125</u>	Water Bbbs <u>54</u>	Gas-Oil Ratio	Gravity

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

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____

Other (Specify) _____

ALLIED CEMENTING CO., INC. 7477

CONFIDENTIAL

ORIGINAL

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

SERVICE POINT: Darby

DATE <u>1/1/96</u>	SEC. <u>14</u>	TWP. <u>21s</u>	RANGE <u>40W</u>	CALLED OUT	ON LOCATION <u>6:00PM</u>	JOB START <u>7:15PM</u>	JOB FINISH <u>8:15PM</u>
LEASE <u>Frack</u>	WELL# <u>2-14</u>	LOCATION <u>Darby + Hamilton Co LINE - N 27. 35 5E 45 W 15</u>			COUNTY <u>Hamilton</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR <u>MURFIN #22</u>
TYPE OF JOB <u>Cmt + 8 3/8 Surface Csg</u>
HOLE SIZE <u>12 1/2</u> T.D. <u>352</u>
CASING SIZE <u>8 3/8 23#</u> DEPTH <u>351</u>
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX <u>400</u> MINIMUM <u>100</u>
MEAS. LINE SHOE JOINT <u>42</u>
CEMENT LEFT IN CSG. <u>42</u>
PERFS. <u>RELEASED</u>

OWNER Sam CEMENT

AMOUNT ORDERED 225 sks 60/40 + 29 gal 3% accel

COMMON <u>135 sks</u> @ <u>720</u> <u>97,200</u>
POZMIX <u>90 sks</u> @ <u>315</u> <u>28,350</u>
GEL <u>4 sks</u> @ <u>950</u> <u>3,800</u>
RELEASER CHLORIDE <u>7 sks</u> @ <u>2800</u> <u>19,600</u>

EQUIPMENT APR 09 1999

PUMP TRUCK CEMENTER <u>Max</u>
<u>300</u> HELPER <u>Terry</u>
BULK TRUCK DRIVER <u>Wayne</u>
<u>218</u> DRIVER

HANDLING <u>225 sks</u> @ <u>105</u> <u>23,625</u>
MILEAGE <u>44 per sk mile</u> <u>61200</u>

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TOTAL 2,337.75

REMARKS:

Cement 8 3/8 Surface Csg with 225 sks 60/40 + 29 gal 3% accel Drop Plug Displace 19 1/2 BBL Land Plug Close in Head Cement Did Circulate

CONFIDENTIAL SERVICE

DEPTH OF JOB <u>351</u>
PUMP TRUCK CHARGE <u>445.00</u>
EXTRA FOOTAGE <u>51'</u> @ <u>414</u> <u>20.91</u>
MILEAGE <u>68 - mi</u> @ <u>285</u> <u>19,380</u>
PLUG <u>8 3/8 wooden</u> @ <u>45.00</u>

TOTAL 704.71

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

FLOAT EQUIPMENT

<u>1-8 3/8 Guide Shoe</u> @ <u>238.00</u>
<u>1-8 3/8 Baffle</u> @ <u>135.00</u>
<u>2-8 3/8 Centralizers</u> @ <u>122.00</u>
<u>1-Thread Lock</u> @ <u>30.00</u>

TOTAL 525.00

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.

SIGNATURE Tom Wesker

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

RECEIVED
STATE CORPORATION COMMISSION

FEB 11 1997

CONSERVATION DIVISION
Wichita, Kansas

