

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

*Rec'd
2-1-99*

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 **FROM CONFIDENTIAL**

- 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 _____ PBTD
- Commingled Docket No. _____
- Dual Completion Docket No. _____
- Other (SWD or Inj?) Docket No. _____

10/30/96 11/1/96 11/19/96
Spud Date Date Reached TD Completion Date

API NO. 15- 075-20615

County Hamilton

C - SE - S 21 T 21S R 40 W

1250 Feet from (S) Line of Section

1250 Feet from (E) Line of Section

Footages Calculated From Nearest Outside Section Corner:

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

Lease Name Pettit Well # 2-21

Field Name Bradshaw

Producing Formation Chase

Elevation: Ground 3548' KB _____

Total Depth 2864 PBTD _____

Amount of Surface Pipe Set and Cemented at 337 Feet.

Multiple State Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 2864

feet depth to surface w/ 750 sx cmt.

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

(Data must be collected from the Reserve Pit)

Chloride content 38,000 ppm Fluid volume 520 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter 1 Sec Twp _____ R _____ E/W

FEB 10

CONFIDENTIAL

County _____ 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	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other (Specify)

Operator Name Hugoton Energy Corporation Lease Name Pettit Well # 2-21
 Sec 21 Twp 21 S 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 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:	<input type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Base Anhydrite</td> <td>2408</td> <td>+1151</td> </tr> <tr> <td>Winfield</td> <td>2828</td> <td>+731</td> </tr> </table>	Name	Top	Datum	Base Anhydrite	2408	+1151	Winfield	2828	+731
Name	Top	Datum								
Base Anhydrite	2408	+1151								
Winfield	2828	+731								

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#	337'	60/40	225	2% gel + 3% cc
Production	7-7/8"	4-1/2"	9.5#	2864'	Lite Class C	600 150	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	2840-2845 Fracture	500 gal 15% HCL 13,670 gal 30# 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>2846</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>12/30/96</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 Bbls <u>0</u>	Gas Mcf <u>5</u>	Water Bbls <u>110</u>	Gas-Oil Ratio	Gravity

Disposition of Gas: **METHOD OF COMPLETION**

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
 Other (Specify) _____

Production Interval _____

ALLIED CEMENTING CO., INC. 6913

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

ORIGINAL

SERVICE POINT: Oakley

DATE <u>10-30-96</u>	SEC. <u>21</u>	TWP. <u>21S</u>	RANGE <u>40W</u>	CALLED OUT	ON LOCATION <u>12:10 PM</u>	JOB START <u>2:30 PM</u>	JOB FINISH <u>3:00 PM</u>
LEASE <u>PETTIT</u>	WELL # <u>2-21</u>	LOCATION <u>1/4N 2E 1W 3/4E Syracuse</u>			COUNTY <u>Hamilton</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR Murfin Drilling Co Rig 8

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 337'

CASING SIZE 8 5/8 DEPTH 337'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 41.65'

CEMENT LEFT IN CSG. 75'

PERFS.

OWNER Same

CEMENT

AMOUNT ORDERED 225 SK 60/40 37' CC
2% Gel

COMMON	<u>135</u>	<u>SKs</u>	@ <u>7.20</u>	<u>972.00</u>
POZMIX	<u>90</u>	<u>SKs</u>	@ <u>3.15</u>	<u>283.50</u>
GEL	<u>4</u>	<u>SKs</u>	@ <u>9.50</u>	<u>38.00</u>
CHLORIDE	<u>7</u>	<u>SKs</u>	@ <u>28.00</u>	<u>196.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Dean

300 HELPER Wayne

BULK TRUCK

218 DRIVER Jeff

BULK TRUCK

DRIVER

HANDLING	<u>225</u>	<u>SKs</u>	@ <u>1.05</u>	<u>236.25</u>
MILEAGE	<u>4¢ per sk/mile</u>			<u>612.00</u>

RELEASED TOTAL 2,337.²⁵

REMARKS:

Ran 8 Joints 8 5/8 csg

Cement did circulate

Thank you

APR 09 1997 SERVICE

FROM CONFIDENTIAL

DEPTH OF JOB	<u>337'</u>		
PUMP TRUCK CHARGE			<u>445.00</u>
EXTRA FOOTAGE	<u>37'</u>	@ <u>4.44</u>	<u>15.17</u>
MILEAGE	<u>68 miles</u>	@ <u>2.85</u>	<u>193.80</u>
PLUG	<u>Surface</u>	@	<u>45.00</u>

TOTAL 698.⁹⁷

CHARGE TO: Hugoton Energy Corp

STREET 4532 W. Jones Ave

CITY Cardon City STATE Ks ZIP 67846

FLOAT EQUIPMENT

Guide shoe			<u>238.00</u>
2 Centralizers	@		<u>122.00</u>
Baffle Plate	@		<u>135.00</u>
Box Thread Lock	@		<u>30.00</u>

TOTAL 525.00

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

FILED WITH
STATE ENGINEERING COMMISSION

FEB 11 1997

CONSERVATION DIVISION
Wichita, Kansas

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 Louis McRenna

ALLIED CEMENTING CO., INC. 7476

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

CONFIDENTIAL

ORIGINAL

SERVICE POINT:

Oakley

DATE <u>11/1/96</u>	SEC. <u>21</u>	TWP. <u>21S</u>	RANGE <u>40W</u>	CALLED OUT	ON LOCATION <u>11:30 PM</u>	JOB START <u>4:00 PM</u>	JOB FINISH <u>5:30 PM</u>
LEASE <u>Permit</u>	WELL # <u>2-21</u>	LOCATION <u>Greely HAMILTON CO LINE ON 27</u> <u>35 2E 25 1/2 E N1S</u>			COUNTY <u>Hamilton</u>	STATE <u>KS</u>	

OLD OR (NEW) (Circle one)

RELEASED

CONTRACTOR Murfin #8

TYPE OF JOB Cmt 4 1/2 Prod CSG

HOLE SIZE 7 7/8 T.D. 2864

CASING SIZE 4 1/2 9.5# DEPTH 2867

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX 1400 MINIMUM 150

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

OWNER Same APR 09 1999

CEMENT FROM CONFIDENTIAL

AMOUNT ORDERED

600 SKs Lite + 1/4# Flo-seal

150 SKs Class C

COMMON	<u>390 SKs</u>	@	<u>7.20</u>	<u>2,808.00</u>
POZMIX	<u>210 SKs</u>	@	<u>3.15</u>	<u>661.50</u>
GEL	<u>31 SKs</u>	@	<u>9.50</u>	<u>294.50</u>
CHLORIDE		@		
<u>Class "C"</u>	<u>150 SKs</u>	@	<u>9.00</u>	<u>1,350.00</u>
<u>Flo-seal</u>	<u>150 #</u>	@	<u>1.15</u>	<u>172.50</u>
		@		
		@		
		@		
HANDLING	<u>750 SKs</u>	@	<u>1.05</u>	<u>787.50</u>
MILEAGE	<u>44 per skwell</u>			<u>2,040.00</u>

FEB 10

TOTAL 8,114.00

EQUIPMENT

PUMP TRUCK CEMENTER Max

300 HELPER TERRY

BULK TRUCK

305 DRIVER JEFF

BULK TRUCK

309 DRIVER DEAN

REMARKS:

CMT 4 1/2 Prod. CSG with 600 SKs Lite +
1/4# Flo-seal + 150 SKs Class C. Drop Plug
Washup Pump + Lines Displace 47 MBL
Land Plug Float Held
Cement Did Circulate

DEPTH OF JOB 2867

PUMP TRUCK CHARGE 1,030.00

EXTRA FOOTAGE @ _____

MILEAGE 68 - mi @ 2.85 193.80

PLUG @ _____

@ _____

@ _____

TOTAL 1,223.80

CHARGE TO: Hugoton Energy

STREET 4532 W Jones Ave

CITY Garden City STATE Kan ZIP 67846

FLOAT EQUIPMENT

<u>7- 4 1/2 Centralizers</u>	@	<u>371.00</u>
<u>1- Basket</u>	@	<u>129.00</u>
	@	
	@	
	@	

TOTAL 500.00

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 Bud Neff

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

RECEIVED
STATE CORPORATION COMMISSION
FEB 11 1997
CONSLVATION DIVISION
Wichita, Kansas