

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- 069-20255-0000  
County GRAY  
App. 100' S of \_\_\_\_\_ E  
C - N/2 - NW - \_\_\_\_\_ Sec. 3 Twp. 29S Rge. 30W X W

Operator: License # 3871  
Name: Hugoton Energy Corporation  
Address 229 E. William, Suite 500  
City/State/Zip Wichita, KS 67202

760 FNL Feet from S/N (circle one) Line of Section  
1320 FWL Feet from E/W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW, or SW (circle one)

Purchaser: NA  
Operator Contact Person: Jimmy W. Gowens  
Phone (316) 262-1522

Lease Name REED Well # 1-3  
Field Name US 56  
Producing Formation NA  
Elevation: Ground 2758' KB 2772'

Contractor: Name: Murfin Drilling Co., Inc.  
License: 30606

Total Depth 5460' PBDT \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 1663 Feet.  
Multiple Stage Cementing Collar Used? \_\_\_\_\_ Yes X No  
If yes, show depth set \_\_\_\_\_ Feet

Wellsite Geologist: Wes Hansen  
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 Alternate II completion, cement circulated from NA  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

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. \_\_\_\_\_  
12-30-93 01-09-94 01-10-94 PLUGGED  
Spud Date Date Reached TD Completion Date DK

Drilling Fluid Management Plan EB 6-6-94  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name \_\_\_\_\_  
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 [Signature]  
Title Jimmy W. Gowens, V.P. Exploration Date 3-2-94  
Subscribed and sworn to before me this 2 day of March  
19 94  
Notary Public [Signature]  
Date Commission Expires \_\_\_\_\_

SARAH E. REYNOLDS  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 4-22-96

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)

RECEIVED  
STATE CORPORATION COMMISSION

MAR 03 1994

CONSERVATION DIVISION  
Wichita, Kansas

Operator Name Hugoton Energy Corporation Lease Name REED Well # 1-3

East

County GRAY

Sec. 3 Twp. 29S Rge. 30W

West

API # 15-069-20255

**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 checked="" type="checkbox"/> Yes <input 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	4111	-1339
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Toronto LS	4176	-1404
List All E. Logs Run: <u>Array Induction; CNL; Micro; GR</u>		Lansing A	4220	-1448
		Stark SH	4596	-1824
		Hushpuckney SH	4647	-1847
		Marmaton A	4747	-1975
		Pawnee LS	4846	-2074
		Cherokee SH	4894	-2122
		Morrow SH	5110	-2338
		Chester	5150	-2378
		St. Genevieve	5248	-2476
		St. Louis	5298	-2526

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 + 25#	1663'	Lite Common	550 150	2% cc 2% cc
plugging				5460'	60-40 poz	135	6% Gel + 1/4# Floseal/sk

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 Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)		Depth

**TUBING RECORD**

Size \_\_\_\_\_ Set At \_\_\_\_\_ Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  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 (If vented, submit ACO-18)

Open Hole  Perf.  Dually Comp.  Commingled

Other (Specify) \_\_\_\_\_

STATE CORPORATION COMMISSION

MAR 03 1994

CONSERVATION DIVISION  
Wichita, Kansas

ORIGINAL

Drill Stem Test Information for ACO-1  
Hugoton Energy Corporation  
Reed #1-3  
Sec. 3-29S-30W  
Gray County, KS  
API #15-069-20255

DST 1

Test Interval 4227' - 4238'

Times

30-60-45-90

First Open

Strong blow - bottom of bucket in 20 minutes.

Second Open

Strong blow - bottom of bucket in 35 minutes.

Recovery

30' Muddy water.  
650' Water

Pressures

IHP 1978  
IFP 35-148  
ISIP 1210  
FFP 234-318  
FSIP 1210  
FHP 1960

DST 3

Test Interval 5088' - 5160'

Times

30-60-45-90

First Open

Weak 1/2 inch blow throughout.

Second Open

Surface blow - died in 23 minutes.

Recovery

25' Mud.

Pressures

IHP 2525  
IFP 29-29  
ISIP 78  
FFP 34-34  
FSIP 82  
FHP 2502

DST 2

Test Interval 4444' - 4464'

Times

45-60-60-90

First Open

Good blow (slow build to 8" by end).

Second Open

Good blow (slow build to 6" by end).

Recovery

620' slightly mud cut water.

Pressures

IHP 2140  
IFP 33-145  
ISIP 1350  
FFP 200-290  
FSIP 1350  
FHP 2118

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STATE CORPORATION COMMISSION

MAR 03 1994

CONSERVATION DIVISION  
Wichita, Kansas

# ORIGINAL ALLIED CEMENTING CO., INC.

1170

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	1/11/94	Sec	3	Twp	29S	Range	30W	Called Out	3:30 PM	On Location	5 AM	Job Start	6:15 PM	Finish
Lease	Reed	Well No.	14456	Location	W 1/2 S E 20			County	Gray	State	Ks.			
Contractor	Murfin 24	Owner	Squire											
Type Job	Surface	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 listed.												
Hole Size	12 1/4	T.D.	1667											
Csg.	8 5/8	Depth	1666											
Tbg. Size		Depth												
Drill Pipe	MEMORANDUM	Depth												
Tool		Depth												
Cement Left in Csg.		Shoe Joint	43											
Press Max.		Minimum												
Meas Line		Displace	103.2661											
Perf.														

Charge To Hugoton Energy Co.  
 Street 229 E. William #500  
 City Wichita State Ks. 67202

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. Louis McKenna

### CEMENT

Amount Ordered 550 Lite 2%CC 150 Cement 2%CC

Consisting of	Common	150	6.85	1027.50
	Box Mix	550 lite	5.85	3217.50
	Gel.			
	Chloride	14	25.00	350.00
	Quickset			
	Handling	700	1.00	700.00
	Mileage	40		1120.00

Hugoton  
 Total # 8075.50  
 Disc - 1615.10  
\$6460.40 Total

No.	Cementor	Gary
Pumptrk 224	Helper	Mike
No.	Cementor	
Pumptrk	Helper	
	Driver	Walt
Bulktrk 27581A	Driver	Steve W.

DEPTH of Job		
Reference	Pump Truck	980.00
38	Mileage	851.50
Liberal	8 5/8 T.R.P.	83.00
	Sub Total	
	Total	1148.50

Remarks: Cement circulates

Thank you  
Vance Hend

Floating Equipment	Baker Guide Shoe	-	224.00
	" Baffle Plate	-	105.00
	3" Centralizers	-	183.00
			512.00

NO WARRANTY ON  
FLOAT EQUIPMENT

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MAR 03 1994

CONSERVATION DIVISION  
Wichita, Kansas

Phone 913-483-2627, Russell, KS

Phone 913-625-5516, Hays, KS

Phone 316-886-5926, Medicine Lodge, KS

Phone 316-793-5861, Great Bend, KS

Phone 913-672-3471, Oakley, KS

Phone 913-798-3843, Ness City, KS

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

7527 ORIGINAL

**Viewed "RECORD" of instrument filed for recording in "RECORDS" of the County of \_\_\_\_\_ State of \_\_\_\_\_**

Date: 1-10-94 3:29 PM 3:00 PM 7:00 AM 1:00 PM 1:30 PM 3:00 PM

Lease: Reed Well No: H-13 Location: 83-15E 1/4 Sec 6 County: Gray State: Ks.

Contractor: Murphy Well No: H-13 Location: 83-15E 1/4 Sec 6 County: Gray State: Ks.

Type Job: PLUG

Hole Size: 7 7/8" T.D.: 54/60

Csg. 8 5/8" Depth: 17.00

Tbg. Size: \_\_\_\_\_ Depth: \_\_\_\_\_

Drill Pipe \_\_\_\_\_ Depth: \_\_\_\_\_

Tool \_\_\_\_\_ Depth: \_\_\_\_\_

Cement Left in Csg: \_\_\_\_\_ Shoe Joint \_\_\_\_\_

Press Max \_\_\_\_\_ Minimum \_\_\_\_\_

Meas Line \_\_\_\_\_ Displace \_\_\_\_\_

Perf. \_\_\_\_\_

**EQUIPMENT**

OKleyid No.	Cement	Key
Pumptrk 300	Helper	Fitz
Pumptrk	Helper	
Bulktrk 309	Driver	Steve
Bulktrk	Driver	

DEPTH of Job: 17.00 ft

Reference	Price	Quantity	Total
PUMP TRUCK	4.30	1	4.30
2 2 1/2" Dry Hole plug	8.50	1	8.50
1-8 5/8" Dry Hole plug	21.00	1	21.00
<b>Sub Total</b>			<b>53.65</b>
<b>Tax</b>			
<b>Total</b>			

Remarks: \_\_\_\_\_

50 SK @ 17.00 ft = 850.00 in Rat Hole

50 SK @ 7.50 ft = 375.00 in Moose Hole

10 SK @ 40 ft = 400.00

*Sheets  
Ken + crew*

Owner: Hugoton Energy

To: Allied Cementing Co., Inc.

You are hereby requested to rent, cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.

Charge To: Hugoton Energy

Street: 2229 E. 10th St City: Wichita State: Kan

The above was done to satisfaction and supervision of owner/agent or contractor.

Purchase Order No. \_\_\_\_\_

Laurel McKenna

AMOUNT ORDERED: 135.50 @ 60/40 6 to 30 1/4" Fl Seal / sic

Consisting of:

Common	81 SK @ 2.68	215.48
Poz. Mix	54 SK @ 3.00	162.00
Gel. Solution	5 SK @ 7.00	35.00
Fl Seal	34 @ 1.10	37.40
Quickset		

Handling: 1.00

Mileage: 44.00

Sub Total: 438.88

Total: 442.945

Floating Equipment \_\_\_\_\_

STATE CORPORATION COMMISSION

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CONSERVATION DIVISION  
Wichita, Kansas