

FORM MUST BE TYPED

CONFIDENTIAL SIDE ONE

ORIGINAL

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, KS 67202

Purchaser: KOCH

Operator Contact Person: Jim Gowens

Phone (316) 262-1522

Contractor: Name: Murfin Drilling Co., Inc.

License: 30606

Wellsite Geologist: Jon Christensen

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  SIOW  Temp. Abd.  
 Gas  FNHR  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  PBTB  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

08/23/94 09/04/94 09/30/94  
Spud Date Date Reached TD Completion Date

API NO. 15- 093-21380-0000

County KEARNY

SE - NW - NE - SW Sec. 9 Twp. 21S Rge. 35W  E  W

4290 FSL Feet from  N (circle one) Line of Section

1650 FEL Feet from  W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE,  NW, or SW (circle one)

Lease Name HAMPTON ESTATE Well # 1-9

Field Name WC

Producing Formation MARMATON

Elevation: Ground 3165' KB 3174'

Total Depth 5000' PBTB \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 1930' Feet.

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 2803 Feet

If Alternate II completion, cement circulated from NA

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

Drilling Fluid Management Plan ALT 1 JH 11-4-95  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used EVAPORATION

Location of fluid disposal if hauled offsite:

Operator Name NCC

Lease Name \_\_\_\_\_ License NOV 22

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. CONFIDENTIAL Rng. 35W

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 Jim Gowens, V.P. Exploration Date 11/21/94

Subscribed and sworn to before me this 21 day of November 19 94.

Notary Public [Signature]

Date Commission Expires \_\_\_\_\_

SARAH E. REYNOLDS  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 9-22-96

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) \_\_\_\_\_

SIDE TWO

Operator Name Hugoton Energy Corporation Lease Name HAMPTON ESTATE Well # 1-9

Sec. 9 Twp. 21S Rge. 35W  East County KEARNY  
 West

**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 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	SEE ATTACHED SHEET	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run: DIL, CNL, MICRO, SONIC			

CASING RECORD							
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"		1930'	Common Lite	150 625	3% cc 3% cc
production	7-7/8"	4-1/2"	10.5#	4842'	'C'	225	
port collar				2802'	65/35 C Poz Class 'C'	450 100	6% gel + 2% CaCl2 + 5#/D42 + 1/4#/D29 2% CaCl2 + 1/4 #/D29

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
2	4618' - 4620' (2')		500 gal 15% NE-FE acid	4618' - 4620'
2	4577' - 4581' (4')		500 gal 15% NE-FE acid	4577' - 4581'
2	4492' - 4496' (4')		500 gal 15% NE-FE acid	4492' - 4496'

<b>TUBING RECORD</b>		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2-3/8"	4794'	NA		
Date of First, Resumed Production, SWD or Inj.		10/13/94		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 8 Bbls.	Gas 0 Mcf	Water 12 Bbls.	Gas-Oil Ratio		Gravity

Disposition of Gas: **METHOD OF COMPLETION**

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

(If vented, submit ACO-18)

Production Interval	<u>4618-4620</u>
	<u>4577-4581</u>
	<u>4492-4496</u>

\*\*\*\*\*TIGHT HOLE\*\*\*\*\*  
Drill Stem Test Information for ACO-1  
Hugoton Energy Corporation  
Hampton Estate #1-9  
Sec. 9-21S-35W, Kearny County, KS  
API #15-093-21380

ORIGINAL

DST 1

Test Interval: 4447' - 4518'

Times: 30-60-45-90

First Open: Weak blow build to bottom in 2 min.

Second Open: Weak blow build to bottom in 35 min.

Recovery 440' Heavy Gas Cut Oil & Mud  
(50% gas, 30% oil, 20% mud)  
60' Slightly Oil cut Muddy Water  
(5% oil, 75% water, 20% mud)

Pressures IHP 2257  
IFP 69-118  
ISIP 961  
FFP 188-242  
FSIP 928  
FHP 2137

DST 3

Test Interval 4600' - 4644'

Times: 30-60-30-60

First Open: Very weak surface blow throughout.

Second Open: No blow.

Recovery: 15' 100% Drilling Mud

Pressures IHP 2325  
IFP 36-36  
ISIP 142  
FFP 40-40  
FSIP 62  
FHP 2279

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DST 2

Test Interval 4570' - 4596'

Times: 30-60-45-90

First Open: Very weak surface blow build to 3 min.

Second Open: Fair blow build to a good blow build to 8 in.

Recovery 600' Gas in Pipe  
80' Heavy Oil Gas Cut Mud  
(20% gas, 50% oil, 30% mud)

Pressures IHP 2945  
IFP 42-42  
ISIP 637  
FFP 62-62  
FSIP 581  
FHP 2924

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NOV 22  
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STATE OF KANSAS

NOV 23 1994

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\*\*\*\*\*TIGHT HOLE\*\*\*\*\*

Additional Information for ACO-1  
Hugoton Energy Corporation  
Hampton Estate #1-9  
Sec. 9-21S-35W  
Kearny County, KS  
API #15-093-21380

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample.
Name	Top	Datum
WINFIELD	2702	+472
HEEBNER	3944	-770
LANSING A	3995	-821
LANE SHALE	4184	-1010
MARMATON	4473	-1299
PAWNEE	4575	-1401
FT SCOTT	4593	-1422
CHEROKEE	4611	-1437
JOHNSON ZONE	4616	-1442
MORROW SHALE	4807	-1633
ST. GEN.	4920	-1746

NCC

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RECEIVED  
STATE COMMISSION

NOV 23 1994

STATE COMMISSION

Phone 913-483-2627, Russell, KS  
 Phone 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS  
 Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS  
 Phone 913-798-3843, Ness City, KS

# ALLIED CEMENTING CO., INC. 0007350

Home Office P. O. Box 31

CONFIDENTIAL Russell, Kansas 67665

ORIGINAL

new

Date	8-25-94	Sec.	9	Trp.	21 <sup>s</sup>	Range	35 <sup>w</sup>	Called Out		On Location	4:00 AM	Job Start	4:00 PM	Finish	5:15 PM
Lease	Hampton Estate	Well No.	1-9	Location	Friend	15W-15-1/2W-5.S.		County	Keating	State	Kan				

Contractor	MurEIn Drlg Co #20		
Type Job			
Hole Size	12 1/4	T.D.	1935'
Csg.	8 3/4	Depth	1930'
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.	42'	Shoe Joint	RELEASED
Press Max.		Minimum	
Meas Line		Displace	DEC 1 1996

Owner	Same
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.	
Charge To	Hugoton Energy Corp
Street	
City	State
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X	Rodney FAN
	CEMENT

Perf. FROM CONFIDENTIAL

EQUIPMENT		
No.	Cementer	Walt Terry
Pumptrk 300	Helper	
No.	Cementer	Wayne
Pumptrk	Helper	
	Driver	Dean
Bulktrk 309		
Bulktrk 303	Driver	

Amount Ordered	150 SKs Com, 3%CC, 625 SKs Lite, 3%CC
Consisting of	1/4 lbs Flo-Sec
Common	
Poz. Mix	nub
Gel.	
Chloride	NOV 22
Quickset	CON...
Sales Tax	

DEPTH of Job	
Reference:	Pumptruck
	8 3/4 Rubber Plug
	Sub Total
	Tax
	Total

Handling	1.00 per SK
Mileage	4¢ per SK/mile
Sub Total	
Total	

Remarks: Cement Del Cinc

- Floating Equipment 8 3/4
- 1- Regular Guide Shoe
  - 1- Buffer Plate
  - 2- Centralizers
- Paul G...

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.

7381

Home Office P. O. Box 31

CONFIDENTIAL

Russell, Kansas 67665

ORIGINAL

new

Date	9-5-94	Sec.	9	Fwp.	21 <sup>S</sup>	Range	35W	Called Out		On Location	8:15 AM	Job Start	10:00 AM	Finish	11:00 AM
Lease	Hampton Estate		Well No.	1-9		Location	Friend 15W-1S-24N-1/4S		County	Kearney		State	KAL		

Contractor	Mur Fin Drls Co #70	
Type Job	Production string	
Hole Size	7 7/8	T.D. 5000'
Csg.	4 1/2	Depth 4830'
Tbg. Size		Depth
Drill Pipe		Depth
Tool	Part collar	Depth 2803'
Cement Left in Csg.	31'	Shoe Joint 31.25'
Press Max.		Minimum
Meas Line		Displace <input checked="" type="checkbox"/>
Perf.		

Owner Same

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.

Charge To Hampton Energy Corp

Street

City State

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

Purchase Order No.

X Hand held

Amount Ordered 500 gal MER-2  
225 SKS "C" 1/4 lbs Fl-Sol  
(25 SKS Scavenger)

Consisting of

Common

Poz. Mix REL

Gel.

Chloride NOV 22

Quickset

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Handling 1.00 per sk

Mileage 4¢ per sk/mile

RELEASED

Sub Total

DEC 11 1996

Floating Equipment 4 1/2

FROM CONFIDENTIAL

- 1- Guide shoe
- 1- AFU insert
- 7- Centralizers
- 1- Baker loc
- 2- Baskets

### EQUIPMENT

Pumptrk	No.	Cementer	<u>Walt Terry</u>
	<u>191</u>	Helper	
Pumptrk	No.	Cementer	<u>Wayna</u>
		Helper	
Bulktrk	<u>305</u>	Driver	<u>R.G.</u>
Bulktrk		Driver	

### DEPTH of Job

Reference:	<u>Pumptruck</u>	
	<u>4 1/2 Rubber Plug</u>	
	<u>225 per mile</u>	
	Sub Total	
	Tax	
	Total	

### Remarks:

Cont-1, 3, 6, 12, 15, 20, 50

Baskets - 9, 47

Part collar 49

Float held, Pressured casing

to 1000 PSI

Thank You

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER: 05-12-0475  
 DATE: 9-23-94  
 STAGE: DS DISTRICT: Ulysses, Ks

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

WELL NAME AND NO.: Hampton Estate #1-9 Sec 9-215-35W  
 LOCATION (LEGAL): FIELD-POOL  
 COUNTY/PARISH: Keosauqua STATE: Ks API. NO.:  
 NAME: Hugoton Energy Corp  
 AND:  
 ADDRESS:  
 ZIP CODE:  
 SPECIAL INSTRUCTIONS:  
 RIG NAME: Patrick Well Service  
 WELL DATA: BIT SIZE: 4 1/2 CSG/Liner Size: 4 1/2 BOTTOM: 10.5 TOP:  
 TOTAL DEPTH: 10.5 WEIGHT: 10.5  
 ROT  CABLE FOOTAGE:  
 MUD TYPE: GRADE:  
 BHST  BHCT THREAD:  
 MUD DENSITY: LESS FOOTAGE SHOE JOINT(S):  
 MUD VISC.: Disp. Capacity:  
 NOTE: Include Footage From Ground Level To Head In Disp. Capacity

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Head & Plugs:  TBG  D.P. SQUEEZE JOB  
 Double SIZE: 2 3/8 TOOL TYPE:  
 Single  WEIGHT: 4.7 DEPTH:  
 Swage  GRADE: TAIL PIPE: SIZE DEPTH:  
 Knockoff  THREAD: 8ed TUBING VOLUME: 11 Bbls  
 TOP  OR  W  NEW  USED CASING VOL. BELOW TOOL: Bbls  
 BOT  OR  W DEPTH: 2802 TOTAL: Bbls  
 ANNUAL VOLUME: Bbls  
 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: PSI  
 ROTATE: RPM RECIPROCATE: 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												
1803	<del>2070</del>						H70					
1804	2070		.70				H70					
1805	2070											
1811	0		10		3		H70					
1815	660		176		4.3		cmt. 17.2					
1818	900		15		4.8		cmt. 12.2					
1821	970		33		5.1		cmt. 12.2					
1834	1170		98		5.3		cmt. 12.2					
1838	1430		119		5.2		cmt. 12.2					
1844	1370		150		5		cmt. 12.2					
1850	1530		23		5		cmt. 14.8					
1853	1270		15		4		cmt. 14.8					
1856	300		11		2.5		H70					
1857	1370		6.6		4		H70					
1859	1340		11									
1900	660											

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REMARKS: FROM CONFIDENTIAL

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
							BBLs	DENSITY
1.	450	2.20	b5c 35%oz + 6% gel + 2% racth + 5#/D42 + 4#/D29				176.3	12.2
2.								
3.	100	1.32	class C + 2% racth + 4#/D29				23.5	14.8
4.								
5.								
6.								

BREAKDOWN FLUID TYPE:  HESITATION SQ.  RUNNING SQ. CIRCULATION LOST:  YES  NO  
 DENSITY: PRESSURE: MAX. MIN.:  
 Cement Circulated To Surf.:  YES  NO Bbls.  
 BREAKDOWN: PSI FINAL: PSI DISPLACEMENT VOL.: Bbls.  
 TYPE OF WELL:  OIL  STORAGE  BRINE WATER  
 GAS  INJECTION  WILDCAT  
 Washed Thru Perfs:  YES  NO TO: FT. MEASURED DISPLACEMENT:  WIRELINE  
 PERFORATIONS: TO TO: CUSTOMER REPRESENTATIVE: Joe Brougher  
 DS SUPERVISOR: James Esquivel