

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

API NO. 15- 075-20510 **ORIGINAL**
County Hamilton
Appx - C - SE - Sec. 35 Twp. 21S Rge. 41 X W
 1250 ESL Feet from S/N (circle one) Line of Section
 1250 FEL Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW, or SW (circle one)
Lease Name Staats Well # 2-35

Field Name BRADSHAW
Producing Formation CHASE

Elevation: Ground 3617' KB 3626'
Total Depth 2795' PBDT

Amount of Surface Pipe Set and Cemented at 323 Feet.
Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet
If Alternate II completion, cement circulated from 2794
feet depth to surface w/ 700 sx cmt.

Drilling Fluid Management Plan ALT 2 OR 9-2-94
(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.

Operator: License # 3871
Name: Hugoton Energy Corporation
Address 229 E. William, Suite 500

City/State/Zip Wichita, KS 67202

Purchaser: KN ENERGY, INC.

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

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

Wellsite Geologist: Joe Brouger

Designate Type of Completion
X New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
X 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.
 09-28-93 09-30-93 04-21-94
Spud Date Date Reached TD Completion Date

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 4-27-94
Subscribed and sworn to before me this 27 day of April
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
4-28-94
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)
RECEIVED
STATE CORPORATION COMMISSION
APR 28 1994

Operator Name Hugoton Energy Corporation Lease Name Staats Well # 2-35

East

County Hamilton

Sec. 35 Twp. 21S Rge. 41 West

ORIGINAL

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 Yes No
(Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

List All E. Logs Run: GRN

Log Sample.

Formation (Top), Depth and Datums

Name	Top	Datum
B/SC	2315	+1311
WINFIELD	2751	+875

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"		323'	65/35 Class C	100	6% D20 + 2% SI + 1/4#/SK D29 2% SI + 1/4#/SK D29
production	7-7/8"	4-1/2"	9.5#	2794'	65/35 Class C	500	6% D20 + 2% SI + 1/4#/SK D29 2% SI + 1/4#/SK D29 + .5% D60

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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
		Depth	
2	2760 - 2766'	500 gal 15% FE acid 250 gal 15% NE-FE acid	2752-2766 2752-2766
2	2752' - 2756'	30# gell 4000# 100 mesh sand 17,500# 12/20 Brady sand	2752-2766 2752-2766 2752-2766

TUBING RECORD

Size 2-3/8" Set At 2783' Packer At NA Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 4-24-94 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	0			35		104		

Disposition of Gas: **METHOD OF COMPLETION**

Vented Sold Used on Lease
(If vented, submit ACO-18)

Open Hole Perf. Dually Comp. Commingled
 Other (Specify)

RECEIVED
STATE CORPORATION COMMISSION
Production Interval

APR 28 1994

CONSERVATION DIVISION
Wichita, Kansas

CEMENTING SERVICE REPORT



15-075-20510-0000

TREATMENT NUMBER 23-12-5549 DATE 9-28-93
 PAGE DS DISTRICT WYSSSES K5

DS-496 PRINTED IN U.S.A.

DOWELL SCHLUMBERGER INCORPORATED

WELL NAME AND NO. STATS 2-35		LOCATION (LEGAL)	RIG NAME: MURKIN #21
FIELD-POOL	FORMATION		WELL DATA: BOTTOM TOP
COUNTY/PARISH HAMILTON	STATE KANSAS	API. NO.	BIT SIZE 12.4 CSG/Liner Size 8.75
NAME HUGOTON ENERGY		TOTAL DEPTH WEIGHT	
AND		<input type="checkbox"/> ROT <input type="checkbox"/> CABLE FOOTAGE 323.74	
ADDRESS		MUD TYPE GRADE	
ZIP CODE		MUD DENSITY LESS FOOTAGE SHOE JOINT(S)	
SPECIAL INSTRUCTIONS		MUD VISC. Disp. Capacity 200	
		NOTE: Include Footage From Ground Level To Head In Disp. Capacity	
		Float	Shoe Tool
		TYPE	TYPE
		DEPTH	DEPTH
		TYPE	TYPE
		DEPTH	DEPTH

ORIGINAL

IS CASING/TUBING SECURED? <input type="checkbox"/> YES <input type="checkbox"/> NO		SQUEEZE JOB	
LIFT PRESSURE PSI	CASING WEIGHT + SURFACE AREA (3.14 x R ²)	<input type="checkbox"/> TBG	<input type="checkbox"/> D.P.
PRESSURE LIMIT PSI	BUMP PLUG TO PSI	<input type="checkbox"/> Double	SIZE
ROTATE RPM	RECIPROCATE FT	<input type="checkbox"/> Single	WEIGHT
No. of Centralizers		<input type="checkbox"/> Swage	GRADE
		<input type="checkbox"/> Knockoff	THREAD
		<input type="checkbox"/> NEW <input type="checkbox"/> USED	TUBING VOLUME Bbls
		<input type="checkbox"/> BOT <input type="checkbox"/> OW	DEPTH
		TOTAL ANNUAL VOLUME Bbls	

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME	DATE	INJECT RATE	FLUID TYPE	FLUID DENSITY	TIME	DATE
0001 to 2400											
1818	710					9-28				1630	9-28
1818		240	10		S	1630	832			1930	9-28
1820		260	57	10	S	1630	12.2				
1826		240	24	47	S	1630	14.8				
1831		-		71	-						
1833		-		71	-						
1833		140	19.6	71	S	1630	8.32				
1835		240		10	S						
1838		240		19.6	-						

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
							BBLs	DENSITY
1.	100	2.1	65/35+6% 120 + 2% S ₁ + 1/4" 13K 129				37	12.2
2.	100	1.52	Class C + 2% S ₁ + 1/4" 13K 129				24	14.8
3.								
4.								
5.								
6.								

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

RECEIVED
 STATE CORPORATION COMMISSION
 21 SACKS
 APP 28 1994
 CONSERVATION DIVISION
 Wichita, Kansas



15.075.20510.0000
 TREATMENT NUMBER 25-12-5574 DATE 9-30-93
 AGE DS DISTRICT 61433ES K1

DS-496 PRINTED IN U.S.A.

DOWELL SCHLUMBERGER INCORPORATED

WELL NAME AND NO. **SPTS #2-35** LOCATION (LEGAL) **SEC 35-213-41W** RIG NAME: **MORPHEA # 21**

FIELD-POOL _____ FORMATION _____

COUNTY/PARISH **HAMILTON** STATE **KS** API. NO. _____

NAME **HUGOTON ENERGY**

AND _____

ADDRESS _____

ZIP CODE _____

SPECIAL INSTRUCTIONS _____

WELL DATA: BIT SIZE **7 7/8** CSG/Liner Size **4 1/2** TOTAL DEPTH **2795** WEIGHT **9.5**

SROT CABLE FOOTAGE **2808.52**

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

ORIGINAL

TOTAL 45.49

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE **1479** PSI CASING WEIGHT = SURFACE AREA (3.14 x R²)

PRESSURE LIMIT _____ PSI BUMP PLUG TO **1560** PSI

ROTATE _____ RPM RECIPROCATE _____ FT No. of Centralizers **4**

Head & Plugs TBG D.P. SQUEEZE JOB

Double WEIGHT TYPE

Single GRADE DEPTH

Swage THREAD TAIL PIPE: SIZE _____ DEPTH _____

Knockoff NEW USED TUBING VOLUME _____ Bb/s

TOP OR DEPTH _____ CASING VOL. BELOW TOOL _____ Bb/s

BOT OR DEPTH _____ TOTAL _____ Bb/s

ANNUAL VOLUME _____ Bb/s

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											
2306		330	10		5	H2O	832				
2308		290	187	10		Grout	122				
2337		190	47	197		Grout	14.8				
2345		-		244							
2345		-		244							
2351		-		244							
2350		-	45.5	244	6	160	832				
2355		730		20	5						
2358		740		35	2						
0002		910		45.2	2						
0003		1560		45.2							

PRE-JOB SAFETY MEETING

2306 START WATER ahead

2308 WATER ahead. PUMPED START LEAD CUT

2337 LEAD CUT PUMPED START TAIL CUT

2345 TAIL CUT PUMPED SHUTDN

2345 WASH PUMP + LINES

2351 DROP TOP PLUG

2350 START DISPLACEMENT

2355 LOWER PUMP RATE

2358 LOWER PUMP RATE

0002 BUMP TOP PLUG

0003 CHECK FLOAT. FLOAT 14.8

REMARKS _____

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
							BBLs	DENSITY
1.	500	2.1	65/35 + 6% D20 + 2% O31 + 1/4 #13K D29				187	12.2
2.	200	1.32	C + 2% O31 + 1/4 #13K D29 + .5% D60				47	14.8
3.								
4.								
5.								
6.								

BREAKDOWN FLUID TYPE _____ VOLUME _____ DENSITY _____ PRESSURE _____ MAX. 1560

HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO

BREAKDOWN _____ PSI FINAL _____ PSI DISPLACEMENT VOL. **49.5** Bb/s

Washed Thru Perfs YES NO TO _____ FT. MEASURED DISPLACEMENT WIRELINE OIL WELL GAS STORAGE INJECTION BRINE WATER

PERFORATIONS _____ CUSTOMER REPRESENTATIVE **Joe Broughier** DS SUPERVISOR **Greg Gaskin**

TO _____ TO _____

TO _____ TO _____

RECEIVED
 STATE CORPORATION COMMISSION
 APR 28 1994
 CONSERVATION DIVISION
 Wichita, Kansas