

COPY

31-23-40w and

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

API NO. 15- 075-20526
County HAMILTON
C - NW - Sec. 31 Twp. 23S Rge. 40W X W
4030 FSL Feet from S/N (circle one) Line of Section
4030 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 OSBORNE Well # 2-31
Field Name BRADSHAW
Producing Formation CHASE
Elevation: Ground 3343' KB 3351'
Total Depth 2487' PBSD
Amount of Surface Pipe Set and Cemented at 326 Feet.
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set Feet
If Alternate II completion, cement circulated from 2487
feet depth to surface w/ 700 sx cmt.

Drilling Fluid Management Plan ALT 2 7-20-94
(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
Operator Contact Person: Jimmy W. Gowens
Phone (316) 262-1522
Contractor Name: Murfin Drilling Co., Inc.
License: 30606
Wellsite Geologist: Joe Broucher

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 PBSD
Commingled Docket No.
Dual Completion Docket No.
Other (SWD or Inj?) Docket No.
12/29/93 12/31/93 03/26/94
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 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 Jimmy W. Gowens
Title Jimmy W. Gowens, V.P. Exploration Date
Subscribed and sworn to before me this 12 day of April 19 94
Notary Public Sarah E. Reynolds
Date Commission Expires



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
KCC SWD/Rep
KGS Plug
MGPA
Other
STATE CORPORATION COMMISSION

Form ACO-1 (7-91)

APR 13 1994

CONSERVATION DIVISION
Wichita, Kansas

SIDE TWO

Operator Name Hugoton Energy Corporation Lease Name OSBORNE Well # 2-31

East

County HAMILTON

Sec. 31 Twp. 23S Rge. 40W
 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 type="checkbox"/> Yes <input checked="" 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	B/SC	1941	+1410
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	WINFIELD	2426	+925
List All E. Logs Run:	GRN			

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"		326'	65/35 POZ Class C	110 75	6% Gel + 2% Cacl2 + 1/4#/D29 3% Cacl2 + 1/4 #/D29
PRODUCTION	7-7/8"	4-1/2"	9.5#	2487'	65/35 POZ Class C	550 150	6% D20 + 2% SI + 1/4 # D-29/S 2% SI + 1/4 # D-29/SK + .6% 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	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
2	2434 - 2444' (10')	1150 Gal 15% NE-FE Acid 2434 - 2444'
2	2429 - 2432' (3')	450 Gal 15% NE-FE Acid 2429 - 2432'
		500 Gal Gel + 3500 Gal 100 mesh sand + 14,500 Gal 12/20 sand 2434-44' & 2429-32'

TUBING RECORD

Size 2-3/8" Set At 2471' Packer At NA Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 3/17/94 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	0		25		50			

Disposition of Gas: METHOD OF COMPLETION

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

Open Hole Perf. Dually Comp. Commingled 2429' - 2444'

Other (Specify) _____

Production Intervall _____