SIDE ONE

RELEASED
Date: AUG 1 1987
FROM CONFIDENTIAL

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
ACO-1 WELL HISTORY
WELL COMPLETION OR RECOMPLETION FORM

DESCRIPTION OF WELL AND LEASE

Operator: license # 4328
name Barnes-Hugoton Corporation
address 370 17th St., Suite 3200
City/State/Zip Denver, CO 80202

Operator Contact Person Dewey Orr
Phone (303) 629-1447

Contractor: license # 5147
name BEREDCO INC.

Wellsite Geologist Soli Shapurji
Phone (303) 629-1447
PURCHASER N/A

Designate Type of Completion
XX New Well [ ] Re-Entry [ ] Workover

☐ Oil ☐ SWD ☐ Temp Abd
☐ Gas ☐ Inj ☐ Delayed Comp.
☒ Dry ☐ Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

API NO. 15 - 129-20,816

County MORTON

SE SE Sec 17 Twp 31S Rge 40W East West
(location)

660 Ft North from Southeast Corner of Section
660 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

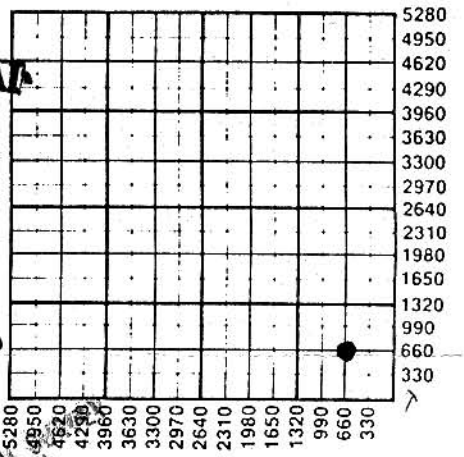
Lease Name GODDARD Well# 17-16

Field Name Kinsler

Producing Formation N/A

Elevation: Ground 3310' KB 12'

Section Plat



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AUG 28 1986

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

WELL HISTORY

Drilling Method: ☒ Mud Rotary ☐ Air Rotary ☐ Cable

6/25/86	7/3/86	7/5/86
Spud Date	Date Reached TD	Completion Date

5604'	N/A
Total Depth	PBTD

Amount of Surface Pipe Set and Cemented at 1681 feet

Multiple Stage Cementing Collar Used? ☐ Yes ☐ No

If Yes, Show Depth Set N/A feet

If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH
AUG 17 1987

WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

☐ Groundwater Ft North From Southeast Corner and
(Well) Ft. West From Southeast Corner of
Sec Twp Rge ☐ East ☐ West

☐ Surface Water Ft North From Southeast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner
Sec Twp Rge ☐ East ☐ West

☐ Other (explain) Hauled from 5 miles west of Richfield
(purchased from city, R.W.D.#)

Disposition of Produced Water: ☐ Disposal ☐ Repressuring

Docket # N/A

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 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 drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily

SIDE TWO

Operator Name Barnes-Hugoton Corp. Lease Name GODDARD Well# 17-16 SEC 17 TWP 31S RGE 40W ☐ East ☐ West

WELL LOG

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 s[illegible] 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
Samples Sent to Geological Survey	☒ Yes	☐ No
Cores Taken	☐ Yes	☒ No

DST #1: 4995'-5072', 30 min, 60 min, 60 min, 120 min
IHP 2372 psi
IFP plugging action
ISIP 238
FFP 74 psi - 74 psi
FSIP 238 psi
FHP 2360 psi
Temp 131°
Blow - weak increasing to good on IFP
fair decreasing to weak on FFP
Recovery - 1080' gas in pipe
80' slightly gas cut mud

DST #2: 4995'-5101', 30 min, 60 min, 60 min, 120 min
IHP 2418 psi
IFP 96 psi - 80 psi
ISIP 206 psi
FFP 80 psi - 85 psi
FSIP 201 psi
FHP 2389
Temp 134°
Blow - weak on IFP, fair to decreasing to weak on FFP
Recovery - 100' very slightly gas cut mud

Formation Description
☐ Log ☐ Sample

Name	Top	Bottom
Sand - RedBed	0'	1354'
Redbed	1354'	1991'
Sand & Shale	1991'	2410'
Lime & Shale	2410'	3630'
Shale & Lime	3630'	3875'
Lansing	3875'	4110'
Lime & Shale	4110'	4726'
Morrow	4726'	4895'
Lime & shale	4895'	5072'
Morrow	5072'	5115'
Lime & Shale	5115'	5604'

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"	24#	1681'	Hal-lite	570	Cl C, 2% CC,
						¼# sk floseal, tailed w/	
						150	Cl H, 2% CC

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth