

20-22-22W

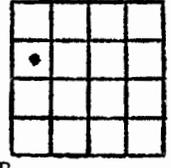
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY  
508 East Murdock, Wichita, Kansas

Company- SUNRAY DX OIL CO.  
Farm- Bamberger No. 2

SEC. 20 T. 22 R. 22W  
C SW NW

Total Depth. 4496'  
Comm. 10-24-62 Comp. 11-6-62  
Shot or Treated.  
Contractor. Garvey Drlg. Co.  
Issued. 6-8-63

County Hodgeman  
KANSAS



CASING:  
8 5/8" 262' cem w/200 sx.  
5 1/2" 4475' cem w/100 sx.

Elevation. 2256' RB

Production. 96 BOPD, NW

Figures Indicate Bottom of Formations.

surface soil	50
shale & shells	262
shale	525
shale & sand	783
Blaine anhydrite	800
shale	962
sand	1060
shale & red bed	1400
anhydrite	1437
shale & shells	2200
shale & lime	2315
lime	2734
lime & shale	2785
shale & lime	3085
shale	3205
shale & lime	3405
shale	3560
lime & shale	3665
shale & lime	3935
lime	4470
lime & shale	4483
lime	4496 RTD
Total Depth	
TOPS: LOG	
Heebner	3804
Lansing	3863
Base KansasCity	4162
Marmaton	4234
Cherokee	4384
Mississippi	4473

gnd  
A

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

DESCRIPTION OF WELL AND LEASE

Operator: license # 6196  
name Sun Exploration & Production Co.  
address 525 Central Park Drive  
City/State/Zip Oklahoma City, OK. 73105

Operator Contact Person Mike Malone  
Phone 405/556-9942

Contractor: license #  
name

Wellsite Geologist Mr. Ingold & Mr. Carter  
Phone 405/556-9800

PURCHASER Getty

Complete Type of Completion  
 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 Sun Exploration & Production Co.  
Well Name Bamberger #2  
Comp. Date 12-3-62 Old Total Depth 4496'

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
10-24-62 11-5-62 12-3-62  
Spud Date Date Reached TD Completion Date  
4496' 4496'  
Total Depth PBDT  
Amount of Surface Pipe Set and Cemented at 262 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If Yes, Show Depth Set feet

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

API NO. 15  
County Hodgeman  
SW/4 NW/4 (location) Sec 20 Twp 22S Rge. 22 E 1 West

3300 Ft North from Southeast Corner of Section  
4620 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

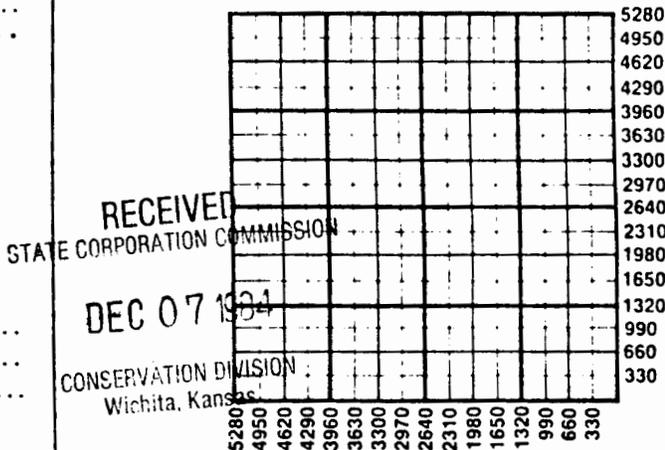
Lease Name Bamberger Well# 2

Field Name Hanston-Oppy

Producing Formation Mississippi & Marmaton B

Elevation: Ground 2251 KB 2256'

Section Plat



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)  
(purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring

Docket #

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 details in excess of 12 months.

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

Operator Name Sun Expl. & Prod. Co. Lease Name Bamberger Well# 2 SEC 20 TWP 22S RGE 22  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 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  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

Name	Top	Bottom
Lansing/Kansas City	3864	4235
Marmaton	4235	4326
Ft. Scott	4326	4386
Cherokee	4386	4474
Miss. Lime	4474	4486
Woodford	4486	

**TUBING RECORD** size 2 3/8" set at 4492' packer at \_\_\_\_\_ Liner Run  Yes  No

Date of First Production 11-10-62 Producing method  flowing  pumping  gas lift  Other (explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
3	0	237			
	Bbls	MCF	Bbls	CFPB	

Disposition of gas:  vented  
 sold  
 used on lease

**METHOD OF COMPLETION**  Open hole  perforation  other (specify) \_\_\_\_\_

Dually Completed  
 Commingled

PRODUCTION INTERVAL JAN 3 1985

**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 Production	8 5/8" 5 1/2"		24# 14#	262' 4475'	HA-5 salt sat	200 sx 100 sx	

shots per foot	PERFORATION RECORD specify footage of each interval perforated	Acid, Fracture, Shot, Cement Squeeze Record (amount and kind of material used)	Depth
	4254-60'	600 gals. 15% MCA	4254'-60'
	4475-96'		