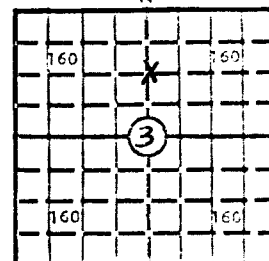


## KANSAS DRILLERS LOG

API No. 15 — 187 — 20,094  
County NumberOperator  
Amoco Production CompanyAddress  
P. O. Box 432 - Liberal, Kansas 67901Well No. 2 Lease Name Julian Gas Unit "A"Footage Location  
1250 feet from (N) X line 2590 feet from (E) X linePrincipal Contractor  
F.W.A. Drilling Company

Geologist

Spud Date 12-29-72 Total Depth 2732 P.B.T.D. 2730Date Completed 2-19-73 Oil PurchaserS. 3 T. 30S R. 39 WLoc. 1250' FNL X 2590' FELCounty Stanton640 Acres  
N

Locate well correctly

Elev.: Gr. 3171

DF \_\_\_\_\_ KB \_\_\_\_\_

## CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

| Purpose of string | Size hole drilled | Size casing set (in O.D.) | Weight lbs/ft. | Setting depth | Type cement | Sacks      | Type and percent additives |
|-------------------|-------------------|---------------------------|----------------|---------------|-------------|------------|----------------------------|
| Surface           | 12-1/4            | 8-5/8                     | 23             | <u>614</u>    | Class "H"   | <u>385</u> | 3% CACL                    |
| Production        | 7-7/8             | 5-1/2                     | 14             | <u>2732</u>   | Special     | <u>510</u> | 18% CACL                   |
|                   |                   |                           |                |               |             |            |                            |
|                   |                   |                           |                |               |             |            |                            |

## LINER RECORD

## PERFORATION RECORD

| Top, ft.      | Bottom, ft.   | Sacks cement  | Shots per ft. | Size & type | Depth interval           |
|---------------|---------------|---------------|---------------|-------------|--------------------------|
|               |               |               | <u>2</u>      | <u>1/2</u>  | <u>2591-94, 2602-09,</u> |
|               |               |               |               |             | <u>2647-70, 2690-94.</u> |
| TUBING RECORD |               |               |               |             |                          |
| Size          | Setting depth | Packer set at |               |             |                          |
| <u>2-3/8"</u> | <u>2643</u>   |               |               |             |                          |

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used   | Depth interval treated |
|--|------------------------|
| <u>Acidized w/2500 gal 15% HCL and Frac w/100,000 gal water and 100,000 # sand</u> | <u>2591 - 2696</u>     |
|  |                        |
|  |                        |

## INITIAL PRODUCTION

|  |  |  |                  |                                     |                       |
|--|--|--|------------------|-------------------------------------|-----------------------|
| Date of first production<br>2-19-73  |  | Producing method (flowing, pumping, gas lift, etc.)<br>Flowing |                  |                                     |                       |
| RATE OF PRODUCTION<br>PER 24 HOURS   |  | Oil<br>bbls.   | Gas<br>7,000 MCF | Water<br>bbls.                      | Gas-oil ratio<br>CFPB |
| Disposition of gas (vented, used on lease or sold)<br>Waiting on pipeline connection |  |  |                  | Producing interval (s)<br>2591-2696 |                       |

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Amoco Production Company

DESIGNATE TYPE OF COMP.: DRY HOLE, SWDW, ETC.: Gas

Well No. 2

Lease Name Julian Gas Unit "A"

S 3 T30S R39 W

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

| FORMATION DESCRIPTION, CONTENTS, ETC.                      | TOP  | BOTTOM | NAME                    | DEPTH                 |
|--|------|--------|-------------------------|-----------------------|
| Sand, Red Bed  | 0    | 520    | Nuclear Log             | 1600'-2732'           |
| Red Bed  | 520  | 613    |                         |                       |
| Red Bed, Sand  | 613  | 1670   |                         |                       |
| Sand, Anhydrite  | 1670 | 2070   |                         |                       |
| Shale  | 2070 | 2220   |                         |                       |
| Shale, Lime  | 2220 | 2580   |                         |                       |
| Lime, Shale  | 2580 | 2732   |                         |                       |
|  |      |        |                         |                       |
|  |      |        | Log top<br>Co En.<br>TD | depth<br>25'<br>2732' |
|  |      |        |                         |                       |
|  |      |        |                         |                       |
|  |      |        |                         |                       |
|  |      |        |                         |                       |
|  |      |        |                         |                       |
|  |      |        |                         |                       |
|  |      |        |                         |                       |
| Test Info: 24 Hr. SIP 252 #<br>20 Min. Open Flow 7.0 MMCFD |      |        |                         |                       |

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

J. W. VAUGHN

Signature

Area Administrative Supervisor

Title

March 7, 1973

Date