

DRILLER'S LOG

COMPANY: Gulf Energy & Minerals Co. - U.S. SEC. 22 T. 9S R. 29W

LOC. C SW SW

WELL NAME: Archie Hughes No. 1-22

COUNTY: Sheridan

RIG NO. #1

TOTAL DEPTH 4300'

ELEVATION

COMMENCED: 2-22-78

COMPLETED: 3-6-78

CONTRACTOR: Rains & Williamson Oil Co., Inc.

CASING RECORD:

SURFACE: 8 5/8" @ 507' w/300 sx. Class A, 16% gel, 2% cc., 3% NACL and 100 sx. Class A, 2% cc.

PRODUCTION: 5 1/2" @ 4283' w/200 sx. 50/50 poz., 2% gel, 3/4 of 1% CFR2.

LOG

(Figures Indicate Bottom of Formations)

Sand & Shale	300
Shale	707
Sand & Shale	1640
Shale & Sand	1972
Sand & Shale	2719
Shale	3279
Shale & Lime	3730
Lime & Shale	3874
Shale & Lime	3962
Lime & Shale	4134
Shale & Lime	4166
Lime & Shale	4300
<u>ROTARY TOTAL DEPTH</u>	<u>4300</u>

STATE OF Kansas )

COUNTY OF Sedgwick )

SS:

State Geological Survey

WICHITA BRANCH STATE OF KANSAS STATE CORPORATION COMMISSION - CONSERVATION DIVISION 245 North Water Wichita, Kansas 67202

15-179-20503 22-9-29W FORM C-2

DATA AND AFFIDAVIT

(On Cementing in Surface or Drive Pipe and required by Rule 82-2-123 of the Commission for compliance with Section 55-136, 55-137 and 55-138, 1947 Supplement to G. S. Kansas 1935)

LEASE OWNER Gulf Energy & Minerals Co. - U.S.

OFFICE ADDRESS P. O. Box 12116, Oklahoma City, Oklahoma 73112

LEASE NAME Archie Hughes No. 1-22 WELL NO. COUNTY Sheridan (W)

EXACT SPOT LOCATION C SW SW SEC. 22 TWP. 9S RGE. 29 (E)

CONTRACTOR Rains & Williamson Oil Co., Inc

OFFICE ADDRESS 435 Page Court, 220 W. Douglas, Wichita, Kansas 67202

Drilled with (Cable) or (Rotary) tools: Date pipe set 2-22-78

SURFACE HOLE DATA

SURFACE PIPE DATA

Size of Hole 12 1/4" Csg. (new) or (used) Size 8 5/8" Wt. 24#

Depth 510' Where set 507'

METHOD OF CEMENTING

Cement: Amount and kind 300 sx. Class A, 16% gel, 2% cc., 3% NaCl and 100 sx.

Method: (By Service Co., Dump, Tog., etc.) Class A, 2% cc. Service Co.

Est. Height Cement behind pipe Cement circulated

GROUND WATER INFORMATION

Depth to bottom of lowest fresh water producing stratum

Name of lowest fresh water producing stratum

Surface elevation of well

ADDITIONAL INFORMATION

(Additional information may be submitted on separate sheet)