

15-191-20605  
18-33-1E

**KANSAS DRILLERS LOG**

State Geological Survey  
WICHITA, BRANCH

S. 18 T. 33S R. 1 E  
W

API No. 15 — 191 — 20,605  
County Number

Loc. NE NW

County Sumner

Operator  
Anadarko Production Company - Diamond-Shamrock Corp.

Address  
P. O. Box 351, Liberal, Kansas 67901

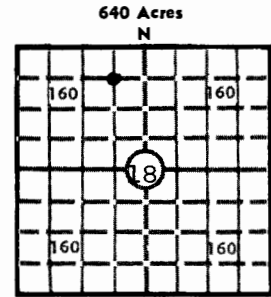
Well No. 3 Lease Name RUSK "A"

Footage Location  
660 feet from (N) line 3300 feet from (E) line

Principal Contractor H-30, Inc Geologist Douglas H. McGinness

Spud Date 7/10/76 Total Depth 4250' P.B.T.D. 4203'

Date Completed 9/9/76 Oil Purchaser Derby



Locate well correctly  
Elev.: Gr. 1221'

DF KB

**CASING RECORD**

Report of all strings set— surface, intermediete, 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"	20#	287'	Common	250	3% CaCl
Production	7-7/8"	5-1/2"	15.5#	4244'	SS Pozmix	175	.05% CFR-2+ 1/4#/sx Tuff Plug

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4		4180-84
<b>TUBING RECORD</b>			4		3824-3837 OA
Size 2-1/16	Setting depth 4195'	Packer set qt 3950			
2-1/16	3880		2		3786-3804 OA

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
None	4180-84
A/500 gals 15% NE, A/3000 gal Mod 202	3824-3837 OA
A/1000 gals 15% NE + 60 BS	3786-3837 OA

**INITIAL PRODUCTION**

Date of first production 8/21/76	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS	Oil Simpson 90.1 Miss 16.7 bbls. Gas Simpson 18 Miss 3 MCF Water Simpson 1.8 Miss 9.4 bbls. Gas-oil ratio Simpson 200 Miss 176 CFPB
Disposition of gas (vented, used on lease or sold) Used on lease	Producing interval(s) 3786-3837 OA Miss. 4180-4184 Simpson

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 Anadarko Production Company - Diamond-Shamrock Corp.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil
Well No. 3	Lease Name RUSK "A"	
S <del>10</del> T 33S R 1 <del>W</del> <sup>E</sup>		


**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 & Shale	0'	287'		
Shale & Lime	287'	405'		
Lime & Shale	405'	983'		
Shale & Lime	983'	1270'		
Lime & Shale	1270	3100'		
Lime	3100'	3370'		
Lime & Shale	3370'	3570'		
Lime	3570'	3650'		
Lime & Shale	3650'	3835'		
Lime	3835	4045'		
Lime & Shale	4045'	4110'		
Lime	4110'	4212'		
Lime & Shale	4212'	4250'		
Total Rotary Depth	4250'			
<p>DST #1 3787-3815 (Miss) 20 MPF w/good inc to strong blow, tool open 60 M w/good inc to strong, rec 330' hvy oil &amp; gas cut mud w/trace vtr, ISIP (40M) 1479# PFP 52-86, FP 86-155, FSIP (120M), 1496#, HP 1912-1895, BHT 118°.</p>				

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

Date Received	 Signature
	Stanley R. Shoemaker, Division Office Manager Title
	September 16, 1976 Date

KANSAS GEOLOGICAL SOCIETY

KANSAS WELL LOG BUREAU - KANSAS WELL SAMPLE BUREAU

KANSAS GEOLOGICAL SOCIETY BUILDING

508 EAST MURDOCK - WICHITA, KANSAS

18-33-1E

State Geological Survey  
WICHITA, BRANCH

COMPANY

Anadarko Production Company

SEC. 18 T. 33S. R. 1E

LOC. C - NE NW

FARM Rusk "A"

NO. 3

TOTAL DEPTH 4,250'

CDMM. July 10, 1976

SHOT OR TREATED

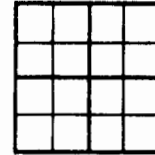
COMP. July 23, 1976

COUNTY Sumner

KANSAS

CONTRACTOR H-30, Inc.

ISSUED July 28, 1976



CASING

20

10

15

8

5/8" 287' cemented w/250 sxs cement ELEVATION 1221 GR

12

6

13

5

1/2" 4,246' cemented w/175 sxs cement PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

Sand and Shale	287'
Shale and Lime	405'
Lime and Shale	983'
Shale and Lime	1,170'
Lime and Shale	3,100'
Lime	3,370'
Lime and Shale	3,570'
Lime	3,650'
Lime and Shale	3,835'
Lime	4,045'
Lime and Shale	4,110'
Lime	4,212'
Lime and Shale	4,250'
Total Rotary Depth	4,250'

I hereby certify the above and foregoing to be a true and correct log of the above described well as shown by the drilling reports.

H-30, Inc.

*Dean Britting*  
Dean Britting

State of Kansas }  
County of Sedgwick } ss: