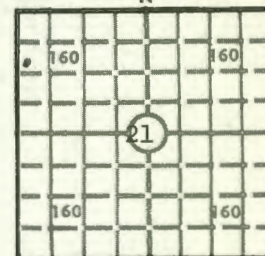


KANSAS DRILLERS LOG

15-129-20346
21-34-43WS. 21 T. 34S R. 43 ^X_E
W

Loc. 1300 FNL & 20 FWT.

County Morton

640 Acres
N

Locate well correctly

Elev.: Gr. 3482.1'

DF _____ KB _____

API No. 15 — 129 — 20,346
County Number

Operator

ANADARKO PRODUCTION COMPANY

Address

P. O. BOX 351, LIBERAL, KANSAS 67901

Well No.

86

Lease Name

INTERSTATE UNIT

Footage Location

1300 feet from (N) (S) line

20 feet from (E) (W) line

Principal Contractor

Gabbert-Jones, Inc.

Geologist

Spud Date

12/20/77

Total Depth

4220'

P.B.T.D.

4167'

Date Completed

1/22/78

Oil Purchaser

National Co-Op Refinery

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"	24#	1169'	Poz Common	500 200	4% gel, 2% cc 2% cc
Production	7-7/8"	5-1/2"	14#	4218'	Lite Wate 50-50 Poz	150 100	12-1/2# gilsonite 18% salt, .2% D-31

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		4128-38'

TUBING RECORD

Size	Setting depth	Packer set at
2-7/8"	4128'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Loaded csg w/95B 2% KCL	4128-38'

INITIAL PRODUCTION

Date of first production 1/16/78		Producing method (flowing, pumping, gas lift, etc.) Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil 169 bbls.	Gas 21.2 MCF	Water .1% BS&W bbls.	Gas-oil ratio 134 CFPB	
Disposition of gas (vented, used on lease or sold) SOLD			Producing interval (s) 4128-38'		

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

DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:
OIL

Well No.

Lease Name

86

INTERSTATE UNIT

S 21 T 34S R 43 E 1 W

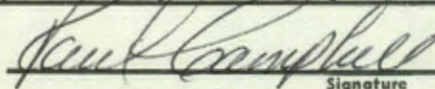
WELL LOG

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
Surface Clay-Sand-Redbed	0'	180'		
Sand-Redbed-Anhy	180'	1170'		
Anhy-Redbed-Sand	1170'	1658'		
Any-Sand-Redbed	1658'	2107'		
Shale-Lime	2107'	2262'		
Lime-Shale	2262'	4220'		
TOTAL DEPTH		4200'		
PBTD		4167'		
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				

Date Received



Signature

Paul Campbell, Division Production Manager

Title

March 7, 1978

Date

0610HS

51-34-51300