

KANSAS DRILLERS LOG

State Geological Survey
WICHITA BRANCH

API No. 15 — 175 — 20,422
County Number

Operator

Kennedy & Mitchell, Inc.

Address

Box 1869, Liberal, Kansas 67901

Well No.

31-399

Lease Name

Amigo

Footage Location

1320

feet from ~~HH~~ (S) line

1320

feet from (E) ~~MM~~ line

Principal Contractor

Gabbert-Jones, Inc.

Geologist

Spud Date

9-10-80

Total Depth

6200'

P.B.T.D.

5978'

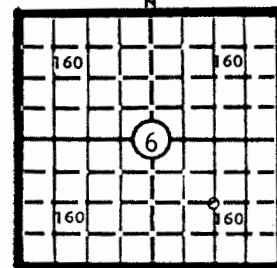
Date Completed

9-24-80 (drilling)

Oil Purchaser

S. 6 T. 34S R. 32 ~~Ex~~ WLoc. C SECounty Seward

640 Acres



Locate well correctly

Elev.: Gr. 2822'DF 2829' KB 2831'

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#	1456'	Halco lite Class H	550 150	2% cc, 1/2% flocele 3% cc
production	7 7/8"	4 1/2"	10.5#	6050'	class H	50	8% gel, 10% salt, 12 1/2% gilsonite
					50/50 pozmix	150	18% salt, 12 1/2% gilsonite, .75% CFR-2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2 spf	.38 DML	5922-5926'
TUBING RECORD					
Size	Setting depth	Packer set at			
2 3/8"	5899	5906			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
750 gal 7 1/2% MCA	5922-5926
20,000 gal versagel 1400 + 20,000# 20/40 sand	"

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)			
shut in - waiting on gas sales contract & pipeline connection	flowing			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	trace	bbls. 1500	MCF 2	bbls. CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval(s)			
to be sold	5922-5926' MORROW			

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, a 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 Kennedy & Mitchell, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Gas Well
Well No. 31-399	Lease Name AMIGO	
S <u>6</u> T <u>34</u> S R <u>32</u> ^{EX} _W		

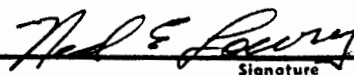
WELL LOG

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, Surface Clay	0	386		
Sand, Red Bed	386	1460		
Red Bed, Sand	1460	1740		
Shale, Red Bed	1740	2210		
Red Bed	2210	2447		
Sand, Red Bed, Shale	2447	2613		
Shale, Lime	2613	2875		
Lime, Shale	2875	5907		
Lime	5907	6030		
Lime, Shale	6030	6200RTD		

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

Date Received	<div data-bbox="873 1745 1224 1818" data-label="Text">  </div> <div data-bbox="1096 1799 1185 1818" data-label="Text"> <p>Signature</p> </div> <div data-bbox="818 1831 1307 1866" data-label="Text"> <p>Agent/Kennedy & Mitchell, Inc.</p> </div> <div data-bbox="1115 1864 1167 1885" data-label="Text"> <p>Title</p> </div> <div data-bbox="1008 1892 1295 1927" data-label="Text"> <p>November 10, 1980</p> </div> <div data-bbox="1115 1934 1167 1957" data-label="Text"> <p>Date</p> </div>
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