

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

API No. 15 — 175 — 20,565
County Number

S. 14 T. 34S R. 32 XK
W

Loc. NE NE

County Seward

Operator Kennedy & Mitchell, Inc.

Address P. O. Box 1869 Liberal, KS 67901

Well No. 44-708 Lease Name Manhattan

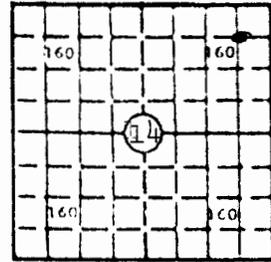
Footage Location 660 feet from (N) (X) line 660 feet from (E) (X) line

Principal Contractor Ramco Geologist

Spud Date 9-20-81 Date Completed 10-11-81 Total Depth 6500' P.B.T.D.

Directional Deviation Oil and/or Gas Purchaser

640 Acres N



Elev.: Gr. 2752

DF 2760 KB n/a

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			1440'	lite Class H	600 200	1/2# flocele, 2%cc 3%

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		

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, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on an 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.:

Well No. 44-708 Lease Name Manhattan dry

S 14 T 34S R 32 ~~32~~ 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	0	507		
Sand and Shale	507	786		
Sand, Red Bed and Anhyd	786	1295		
Red Bed and Anhyd	1295	1445		
Shale and Sand	1445	1908		
Sand and Shale	1908	2093		
Shale	2093	2549		
Sand and Shale	2549	3634		
Shale and Lime	3634	4492		
Lime and Shale	4492	4877		
Lime	4877	4960		
Lime and Shale	4960	5245		
Shale and Lime	5245	5313		
Lime	5313	5746		
Shale, Sand and Lime	5746	5901		
Shale and Lime	5901	5971		
Lime and Shale	5971	6091		
Lime	6091	6338		
Lime and Shale	6338	6440		
Lime	6440	6500		
RTD	6500			

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

Date Received _____

 Signature
 Drilling Superintendent
 Title
 December 4, 1981
 Date