State Geological Survey KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

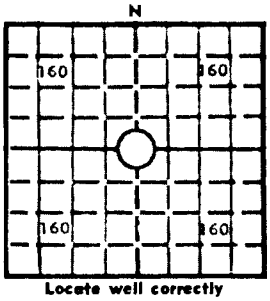
API No. 15 — 175 (County) — 20,418 (Number) ✓

S. 36 T. 31 R. 32 E/W

Loc. C NW

County Seward

640 Acres



Locate well correctly

Elev.: Gr. 2838'

DF _____ KB 2847

Operator Rincon ~~Kinbark~~ Operating Co.

Address 1860 Lincoln Street, #808 Denver, Colo 80295

Well No.	Lease Name
#1	Jacobs

Footage Location: _____ feet from (N) (S) line _____ feet from (E) (W) line

Principal Contractor	Geologist
DaMac Drilling Co.	Paul M. Gerlach

Spud Date	Date Completed	Total Depth	P.B.T.D.
11/24/79	11/28/79	2761'	

Directional Deviation: None

Oil and/or Gas Purchaser: Northern Natural Gas

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#	645	Regular	450	2% gel, 3% CaCl
Production	7 7/8"	4 1/2"	10.5#	2798	50-50 poz	150	

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	2637.71'	

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
4	Jet	2651-54'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized with 500 gallons 15% acid	2651-54'
Frac'd with 50,000# 10/20 sand and 450,924 cubic ft nitrogen	

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
12/18/79	Flowing

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	0 bbls.	1057 @ 35psi MCF	Tr bbls.	- CFPB

Disposition of gas (vented, used on lease or sold): Vented

Producing interval(s): 2651-54'

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 open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

C-10-1972

Operator	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
RINCON OPERATING CO.	Gas Well
Well No. 1 **Lease Name** Jacobs	
S 36 T 31 R 32 E/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
NO DST'S			Anhydrite	1630
			Herrington	2650
			Upper Krider	2686
Logs: DLL-SP-Gr, FDC-CNL-Cal-GR			Lower Krider	2696
			Winfield	2750
			TD	2761

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

Date Received

Clarence H. Brown
Signature

President
Title

1/8/80
Date

WELL LOG

COMPANY Kimbark Operating Company

SEC. 36 T. 31S R. 32W

FARM Jacobs NO. 1

LOC. C NW

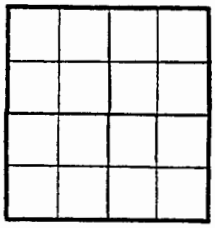
TOTAL DEPTH 2800'

COUNTY Seward, Kansas

COMM. 11-24-79 COMP. 11-29-79

CONTRACTOR DaMac Drilling Inc.

CASING 8 5/8 set @ 645



ELEVATION

PRODUCTION 4½ set @ 2798

FIGURES INDICATE BOTTOM OF FORMATIONS

Surface Sand	0	396	
Sand, Shale	396	665	
Shale, Lime	665	1360	
RedBed, Shale	1360	2170	
Lime, Shale	2170	2800	RTD