

KANSAS DRILLERS LOG

IMPORTANT
Kans. Geo. Survey request
samples on this well.

15-055-20289

API No. 15 — 055 — 20,289
County Number

Operator

Marden Production Company

Address

P. O. Box 2470 Evergreen, Colorado 80439

Well No.

#1-2

Lease Name

Cummings

Footage Location

1650' feet from (N) (S) line

1320' feet from (E) (W) line

Principal Contractor

Gabbert-Jones, Inc.

Geologist

Steve Marden

Spud Date

1-25-78

Total Depth

2725' Driller

P.B.T.D.

Date Completed

1-29-78

Oil Purchaser

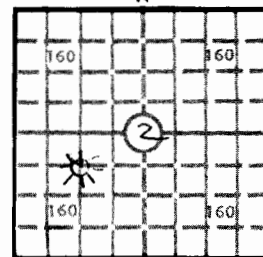
Gas Northern Natural

S. 2 T. 25 R. 31 E. W

Loc. C SW

County Finney

640 Acres
N



Locate well correctly

Elev.: Gr. 2863

DF KB 2868

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		8 5/8"		367'	5/8" Posmix	225/100	3% cc
Production casing		4 1/2"		2725'	Posmix	200	18% salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	3 1/8 DML	2668-76'
TUBING RECORD					
Size	Setting depth	Packer set at			
1 1/2"	2712' KB				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acid - 1,000 gal 15% BDA	2668-76
Fract - 380 BBL 3% gelled acid	2668-76

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
Anticipate summer 1978		Pumping unit			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	bbls.	MCF	bbls.	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, 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 <u>Madden Producing Co.</u>		DRY HOLE, SWDW, ETC.: <u>Gas</u>
Well No. <u>1-2</u>	Lease Name <u>Cummings #1-2</u>	
S <u>2</u> T <u>25</u> R <u>31</u> E <u>W</u>		

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

Date Received	Signature _____
	Title _____
	Date _____

2-25-31W

GABBERT-JONES, INC.
WICHITA, KANSAS
DRILLERS' WELL LOG

Cummings 1-2
C-SW/4 Sec 2-25S-31W
Finney County Kansas

Commenced: 1-25-78

Completed: 1-20-78

OPERATOR: STEVE MARDEN

Depth		Formation	Remarks
From	to		
0	375	Sand-Blue Shale	Ran 9 jts of 23# 8 5/8"
375	1040	Blue Shale	csg set @ 367' Cemented
1040	1683	Blue Shale-Sand	w/225 sks 50/50 Posmix
1683	2163	Shale	2% CC + 100 sks Common
2163	2369	Shale-Sand	3% CC PD @ 6:15 p.m. 1-25-78
2369	2590	Shale-Lime	
2590	2725	Lime-Shale	
2725 - TD			Ran 69 jts of 9 1/2# 4 1/2"
			csg set @ 2725' Cemented
			w/200 sks Posmix 18%
			Salt PD @ 12:30 a.m.
			1-30-78

STATE OF KANSAS)
) SS
COUNTY OF SEDGWICK)

I, the undersigned, being duly sworn on oath, state that the above Drillers' Well Log is true and correct to the best of my knowledge and belief and according to the records of this office.

GABBERT-JONES, INC.


JAMES S. SUTTON II

Subscribed and sworn to before me this 1st day of February, 1978.


ELIZABETH J. EDWARDS-NOTARY PUBLIC

My Commission expires February 6, 1979.