

KANSAS DRILLERS LOG

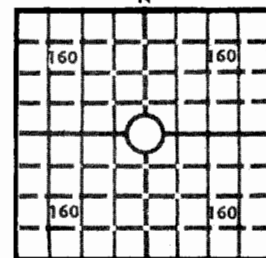
API No. 15 — 163 — 20,652
County Number

S. 27 T. 9 R. 20 W

Loc. E2 NW NE SE

County Rooks

640 Acres
N



Locate well correctly

Elev.: Gr. 2273

DF 2276 KB 2278

Operator

Nadel & Gussman

Address

3232 First National Tower Tulsa, Oklahoma

Well No.

#23

Lease Name

Hinkhouse

Footage Location

2310 feet from (S) line 825 feet from (E) line

Principal Contractor

Duke Drilling Co.

Geologist

Lee H. Cornell

Spud Date

10-29-76

Total Depth

3889

P.B.T.D.

Date Completed

11-6-76

Oil Purchaser

CRA

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"	28#	306'	Common	175	2% Gel 3% CC
Production		5-1/2"	14#	3886'	Poz 60/40	150	10 bbl. flush ahead

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			
2-1/2	3868'	None	3	1/2"	3864-64'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
250 gal. acid	3862-64'

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
11-22-76		Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	40	bbls.	--	MCF	80%
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
			Arbuckle		

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 NADEL AND GUSSMAN		DESIGNATE TYPE OF COMP.: <u>OIL</u> , GAS, DRY HOLE, SWDW, ETC.:
Well No. 23	Lease Name HINKHOUSE	
S <u>27</u> T <u>9</u> R <u>20</u> 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
SEE ATTACHED LOG:				

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

Date Received	<div>Signature</div> <div>M. R. Taylor, Manager of Production</div> <div>Title</div> <div>December 14, 1976</div> <div>Date</div>
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Lbh29

DRILLERS' WELL LOG

DATE COMMENCED: October 29, 1976
DATE COMPLETED: November 6, 1976

Nadel and Gussman
HINKHOUSE # 23
E/2 NW NE SE
Sec 27-T9-R20
Rooks County, Kansas

ELEVATION: 2278 K.B.

0 - 625' Clay and Shale
625 - 1695' Shale and Sand Streaks
1695 - 1764' Shale
1764 - 1802' Anhydrite
1802 - 2033' Shale
2033 - 2428' Shale and Lime
2428 - 3490' Lime and Shale
3490 - 3494' Shale
3494 - 3527' Lime
3527 - 3828' Lime and Shale
3828 - 3889' Dolomite
3889' RTD

FORMATION TOPS

Anhydrite	1764
Heebner	3490
Toronto	3509
Lansing	3527
Arbuckle	3828
RTD	3889

SURFACE PIPE:

Set used 8 5/8", 28# pipe
at 306' w/175 sacks Common,
2% Gel, 3% cc.

PRODUCTION PIPE:

Ran used 5 1/2", 14# casing at
3886' w/150 sacks 60/40 Pozmix,
10 bbl flush ahead.

A F F I D A V I T

STATE OF KANSAS)
COUNTY OF BARTON) ss.

Larry Curtis, of lawful age, does swear and state that the facts and
statements herein contained are true and correct to the best of his knowledge.

Larry Curtis

Subscribed and sworn to before me this 8th day of November, 1976.

Wendy M. Hayne
Notary Public

My Commission Expires: April 11, 1978