

236-6-20W

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

State Geological Survey
WICHITA BRANCH

S. 36 T. 6S R. 20 ^{XE}W

Loc. C/S/2SE/4NW/4

County Rooks

API No. 15 — 163 County — 21,268 Number

Operator
D. A. Hindman

Address
405 Main Stockton, Kansas

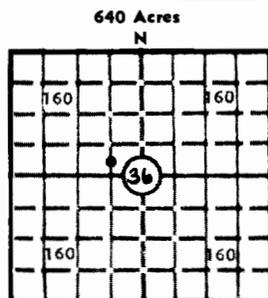
Well No. #2 Lease Name Wills

Footage Location
2310 feet from (N) (S) line 1980 feet from (E) (W) line

Principal Contractor Pioneer Drilling Co., Inc. Geologist Patrick L. Balthazor

Spud Date 4/15/81 Date Completed 4/27/81 Total Depth 3630 P.B.T.D. 3598'

Directional Deviation _____ Oil and/or Gas Purchaser Clear Creek



Locate well correctly
Elev.: Gr. 2089

DF 2092 KB 2094

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#		common	110	3% cc 2% gel
Production	7 7/8"	4 1/2"	10.5#	3623	RFC	150	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		3486-90
			2		3469-73
			2		3422-26
			2		3402-06

TUBING RECORD

Size	Setting depth	Packer set at	Shots per ft.	Size & type	Depth interval
			2		3402-06

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
5000 gallon acid	3486-90
	3469-73
3000 gallon acid	3422-26
	3402-06

INITIAL PRODUCTION

Date of first production <u>5-22-81</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>		
RATE OF PRODUCTION PER 24 HOURS	Oil <u>78 BOPD</u> bbls.	Gas MCF	Water <u>10 BWPD</u> bbls.
Disposition of gas (vented, used on lease or sold)		Producing interval (s) <u>Lansing Kansas City 3490-3402</u>	
		CFPB	

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.

Operator D.A. Hindman		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. #2	Lease Name Wills	OIL
S 36 T 6 R 20 W		

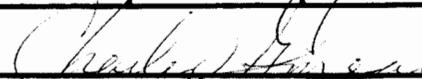
WELL LOG

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
Geological & Completion Report Enclosed				

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

Date Received	 Signature
	Charles G. Comeau Petroleum Geologist Title
	July 28, 1981 Date

W E L L L O G

OPERATOR: D. A. Hindman

WELL NAME: Wills #2 LOCATION: C/S/2 SE/4 NW/4 36-6s-20W

COUNTY: Rooks STATE: Kansas

WELL COMMENCED: April 15, 1981 WELL COMPLETED: April 22, 1981

ELEVATION: 2089' GR TOTAL DEPTH: 3630'

PRODUCTION: Oil RIG NO: #4

CASING - 8 5/8": 263.76' new 24# Cemented with 110 sxs common 3% cc 2% gel did circ

4 1/2" ~~XXXXX~~: Ran 88 Jts. new 10 1/2# Tally @ 3618.57' Set @ 3623' cemented with 150 sxs

RFC P.D. @ 6:30 A.M. 4-22-81

ALL MEASUREMENTS TAKEN FROM THE TOP OF ROTARY BUSHING:

FROM	TO	FORMATION	DEVIATION FROM VERTICAL	REMARKS:
0'	263'			
263'	600'	cement sand and clay		
600'	1476'	sand and shale		
1476'	1803'	sand and shale	1507' - 1 - degree	
1660'	1702'	Anhydrite		
1803'	2237'	shales		
2237'	2438'	shale	2438' - 1 3/4 - degree	
2438'	2685'	shale and lime		
2685'	2880'	shale and lime		
2880'	3030'	lime and shale		
3030'	3214'	shale and lime		
3214'	3306'	shale and lime	3306' - 3/4 - degree	
3306'	3342'	lime and shale	3342' - 1 - degree	
3342'	3455'	shale and lime		
3455'	3508'	shale and lime		
3508'	3589'	shale and lime		
3589'	3630'	shale and lime		
3630'	RTD			

APR 22 1981
 STATE OF KANSAS
 MAY 11 1981