

KANSAS

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

State Geological Survey

WICHITA BRANCH

**WELL COMPLETION REPORT AND
DRILLER'S LOG**

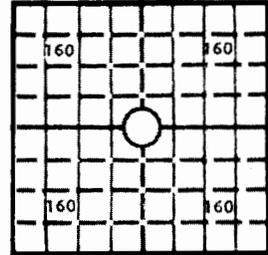
S. 19 T. 7 R. 22 ^R_W

Loc. C W2 NE SW

API No. 15 — 065 — 21,359
County Number

County Graham

640 Acres
N



Operator
Geodessa Corp.

Address 1125 17th Street, Suite 2220 Denver, Colo 80202

Well No. #1 Lease Name Worcester "A"

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

Principal Contractor Pioneer Drilling Geologist Philip J. Paschang

Spud Date 05-15-81 Date Completed 05-23-81 Total Depth 3900' P.B.T.D. 3737.0

Directional Deviation Oil and/or Gas Purchaser

Elev.: Gr. 2277'
DF _____ KB 2282'

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"	20#	251'	com	200	
Production		4 1/2"	10.5#	3755'	RFC Dowell	150	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	Jumbo jet	3681 - 3683
			2	"	3690 - 3694

Size	Setting depth	Packer set at
2 3/8	seating nipple	3737 PBTB

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized w/ 500 gal mud acid	3681 - 3694
Acidized w/ 750 gal 15% HCl	" "

INITIAL PRODUCTION

Date of first production <u>08-01-81</u>	Producing method (flowing, pumping, gas lift, etc.) <u>pumping</u>
Rate of production 24 HOURS <u>28</u> bbls.	Gas <u>0</u> MCF
Water <u>0</u> bbls.	Gas-oil ratio <u>CFPB</u>
Disposition of gas (vented, used on lease or sold)	Producing interval (s) <u>Kansas City 3681 - 83, 3690 - 94</u>

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 Geodessa Corp.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. #1	Lease Name Worcester "A"	
S 19 T 7 R 22 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
			Heebner	3490 (-1208)
			Lansing	3531 (-1249)
			160 Zone	3689 (-1407)

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

Date Received	<i>E. C. Lehnert</i>
	Signature
	<i>Asst. President</i>
	Title
	<i>8-24-81</i>
	Date

19-7-22W

State Geological Survey
WICHITA BRANCH

WELL LOG

OPERATOR: Geodessa Corporation

WELL NAME: Worcester "A" #1 LOCATION: C W/2 NE SW . 19-7s-22W

COUNTY: Graham STATE: Kansas

WELL COMMENCED: May 15, 1981 WELL COMPLETED: May 23, 1981

ELEVATION: 2277' G.L. TOTAL DEPTH: 3900'

PRODUCTION: Oil RIG NO: #2

CASING - 8 5/8": New 20# Tally @241' Set @ 249' cemented with 200 sxs common cement circ

4 1/2" ~~5x10 1/2"~~ 94 Jts. new 10.5# Set @ 3755' Cemented with 150 sxs RFC Dowell, 500 gal.
chemical flush ahead of cement P.D. @ 1:45 A.M. 5-23-81

ALL MEASUREMENTS TAKEN FROM THE TOP OF ROTARY BUSHING:

FROM	TO	FORMATION	DEVIATION FROM VERTICAL	REMARKS:
0'	101'			
101'	251'	sand and shale	251' - 0 - degree	
251'	1160'	sand and shale		
1160'	1870'	sand and shale		
1870'	1893'	shale		
1893'	1927'	Anhydrite		
1927'	2100'	sand and shale		
2100'	2335'	sand and shale	2216' - 1/2 - degree	
2335'	2655'	sand and shale		
2655'	2920'	sand and shale		
2920'	3131'	lime and shale		
3131'	3300'	lime and shale		
3300'	3325'	lime and shale		
3325'	3455'	lime and shale		
3455'	3599'	lime and shale		
3599'	3631'	lime and shale	3631' - 1 - degree	
3631'	3683'	lime and shale		
3683'	3706'	lime and shale		
3706'	3724'	lime and shale		
3724'	3827'	shale and lime		
3827'	3900'	lime and shale	3900' - 1 - degree	
3900'	RTD			

RECEIVED
STATE CORPORATION COMMISSION

JUN 11 1981

CONSERVATION DIVISION
Wichita, Kansas