

JUL

WICHITA BRANCH
Survey

KANSAS DRILLERS LOG

S. 27 T. 31 S. R. 1 E
SW SW SW
Loc. 380' FWL 430' FSL

API No. 15 -- 191-21 -- 256
County Number

County Sumner

Operator
Terra Resources, Inc.

Address
P.O. Box 839 Okla. City, OK 73101

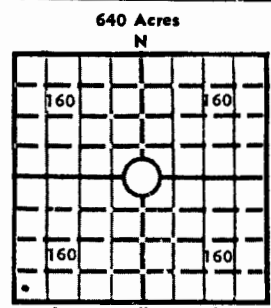
Well No. #1 Lease Name Martin

Footage Location
430' feet from (N) (S) line 380' feet from (E) (W) line

Principal Contractor Silverado Drilling, Inc. Geologist H. Deane Jirrels

Spud Date 4/6/81 Total Depth 3780' P.B.T.D.

Date Completed 4/18/81 Oil Purchaser



Elev.: Gr. 1261'

DF 1263' KB 1266'

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	493	Common	600	3% CaCl ₂ , 2% gel 1/4# flocele/sk

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

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil bbis.	Gas MCF	Water bbis.	Gas-oil ratio 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 an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. #1	Lease Name Martin	dry hole
S 27 T 31 S R 1 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
Fine sucrosic brown dolomite w/pinpoint porosity; no odor, no fluorescence no show.	1222	1235	Foraker	1216
Fine sucrosic porous white gray limestone no show	1847	1885	Howard	1845
Fine sucrosic white limestone; no show	1991	2053	Topeka	1964
Fine medium micaceous gray white sand no odor; no show	2672	2794	Stalneck	2672
Fine crystalline white cream limestone pinpoint porosity; no show	3022	3216	Kansas City	3019
Gritty pale green chert and green shale	3659	3663	Detrital	3659
Fair odor, fresh highly fractured white tan chert with rare pinpoints of free oil in fractures with bands of leached tripolitic porosity with good stain.	3663	3669	Mississippi Chert	3663
DST #1 Mississippian 3664-3676'. Opened tool at 12:55 A.M. 4-16-81. Rec. 90' of gas & 25' of SOCM. First flow-30 min. IFP 10.5 psi, FFP 10.5 psi. First shut-in-30 min., ISIP 407 psi. Second Flow-1 hr. 30 min-IFP 20.9 psi, FFP 20.9 psi. Second shut-in-2 hrs. FSIP 1343 psi.			Logs Dual Induction SFL CNL/FDC GR	3724-495' 3729-495' 3729-495'

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

Date Received	<p align="center"><i>Pamela Pittman</i> Signature</p> <p align="center"><i>Administrative Assistant</i> Title</p> <p align="center"><i>April 22, 1982</i> Date</p>
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DRILLER'S LOG

COMPANY: Terra Resources, Inc.

SEC. 27 T. 31S R. 1W

LOC. SW SW SW

WELL NAME: Martin #1

COUNTY: Sumner

RIG NO. #10

TOTAL DEPTH 3730'

ELEVATION

COMMENCED: 4-7-81

COMPLETED: 4-18-81

CONTRACTOR: Silverado Drilling, Inc.

CASING RECORD:

SURFACE: 8 5/8" @ 492' w/600 sx. common, 3% cc., 2% gel.

PRODUCTION: D&A

LOG

(Figures Indicate Bottom of Formations)

Shale	1042
Shale & Lime	1290
Shale & Sand	1570
Shale & Lime	2175
Lime & Shale	2295
Shale, Lime & Sand	2677
Shale & Lime	3120
Lime & Shale	3676
Lime	3730
<u>ROTARY TOTAL DEPTH</u>	<u>3730</u>

STATE OF Kansas)

COUNTY OF Sedgwick)

SS: