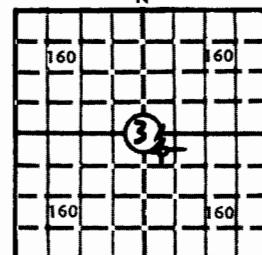


KANSAS DRILLERS LOG

State Geological Survey
WICHITA, BRANCHAPI No. 15 — County — Number OWWOS. 31 T. 31 R. 18 X WLoc. NW NW SECounty Comanche640 Acres
N

Locate well correctly

Elev.: Gr. 2137DF — KB 2144

Operator **ENTERPRISES**
Hershberger Exploration, Inc.

Address 200 W. DOUGLAS SUITE 230 GARVEY EAST

Well No. #1 Lease Name Yost O.W.W.O.

Footage Location 2310 feet from (H) (S) line 2310 feet from (P) (W) line

Principal Contractor GABBERT - JONES Geologist COMPTON WAYNE HAMILTON

Spud Date 6.8.72 (COMM. O.W.W.O.) Total Depth 5394 P.B.T.D. 5214.5

Date Completed 6.30.72 (COMPT. O.W.W.O.) Oil Purchaser

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
<u>Surf</u>	<u>12 3/4"</u>	<u>8 5/8"</u>	<u>18 #</u>	<u>419</u>	<u>Common</u>	<u>?</u>	<u>3% Cal</u>
<u>Production</u>	<u>7 7/8"</u>	<u>4 1/2"</u>	<u>9.5 #</u>	<u>5250</u>	<u>Common Pro Mix</u>	<u>150</u>	<u>SALT SAT POS.</u>

RECEIVED
STATE CORPORATION COMMISSION
FEB 27 1974

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Size & type	Depth interval
			<u>2</u>	<u>5161-63</u>
			<u>2</u>	<u>5152-56</u>
			<u>4</u>	<u>5154-64</u>

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
<u>500 GAL MUD ALC</u>	<u>5154-64</u>
<u>2000 15% NON-EMULSIFIED ALC</u>	<u>"</u>
<u>7500# 20-40 SD + 2500# 10/20 SD + 400 BBL WFR</u>	<u>"</u>
<u>SQUEEZE 300 SXS CEMENT: SALT CUT.</u>	<u>"</u>
<u>500 GAL 15% NON-EMULSIFIED ALC</u>	<u>5161-63</u>
<u>2000 GAL 15% HC F AECTIC</u>	<u>"</u>

Date of first production Producing method (flowing, pumping, gas lift, etc.)

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

HERSHGERBEL

DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:

DRY HOLE

Well No.

1

Lease Name

POST

S 31 T 3 R 18

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 ATTACHMENT

HEERER -2156

LANSING -2355

CHEROKEE -2940

MISS -3000

ACID & FRACTURE TREATMENT (CONT)

AMT. & KIND OF MATERIAL

INTERVAL TREATED

6000 # 20-40 SAND

5152 - 56

1500 # 10-20 SAND

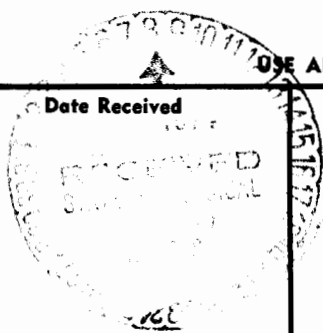
"

10,000 GAL 3% ACID

"

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

Date Received



William A. Sarch
Signature

VICE-PRES

Title

2-26-74

Date

Wash - Down

PETROLEUM, INC.
YOST NO. 1
C NW NW SE Sec. 31-31S-18W
Comanche County, Kansas

RECEIVED
STATE CORPORATION COMMISSION

FEB 27 1974

CONSERVATION DIVISION
Wichita, Kansas

5154-5164'
31-31-18W

State Geological Survey
WICHITA, KANSAS

Mississippian (Spergen-Warsaw)

5144-5170 Limestone, tan, gray-tan, gray, medium crystalline, partly fossiliferous, spotty brown oil stain, small show of free oil in vugular porosity.

DST No. 2: 5129-5170, open 30", closed in 30", Open 30", closed in 30". Strong blow immediately with gas to surface in 3". Gauged 734 MCF/5", 662 MCF/15", 662 MCF/30", 662 MCF/45", 517 MCF/1 hr. Recovered 70 feet of gas cut drilling mud. FP 125-68#. SIBHP 1579-1491#. HH 2668#. Temp. 112°.

5170-5187 Limestone, Light gray to white, medium to coarsely crystalline, little dense, some partly chalky, traces chert, scattered vugular porosity, very slight show of oil.

DST No. 3: 5169-5187, open 30", closed in 30", open 30", closed in 30". Weak blow 30" and died. Recovered 20 feet of drilling mud. FP 57-57#. SIBHP 408-91#. HH 2820#. Temp. 112°.

5187-5222 Limestone, same as above, becoming gray-tan and white, slightly dolomitic to dolomitic, medium and coarsely crystalline, partly fossiliferous, traces chert, vugular and pinhole porosity, traces spotty brown oil stain, very slight show of oil.

DST No. 4: 5186-5222, open 30", closed in 30", open 30", closed in 30". Fair blow during entire test. Recovered 20 feet of gas cut drilling mud with a few spots of oil and 180 feet of water. FP 79-146#. SIBHP 1579-1491#. HH 2766. Temp. 112°.

DST No. 5:
(Straddle
Test) 5151-5180, open 5", closed in 30", open 1hr., closed in 2-1/2 hrs. Gas surfaced in 4". Gauged 584 MCF/5" pre-flow, 537 MCF/15", 481 MCF/30", 439 MCF/45", 439 MCF/1 hr. Recovered 100 feet of gas cut drilling mud. FP 100-68#. SIBHP 1640-1595#. HH 2520#. Temp. 118°.