



SEP 11 1982

OK Fred

This form shall be filed in duplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on side one will be of public record and side two will then be held confidential.

Circle one: Oil Gas, Dry, SWD, OWWO, Injection. Type and complete ALL sections. Applications must be filed for dual completion, commingling, SWD and injection, T.A.

Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). KCC # (316) 263-3238. (Rules 82-2-105 & 82-2-125)

OPERATOR Bow Valley Petroleum

API NO. 015-033-20556

ADDRESS 1700 Broadway Suite 900

COUNTY Comanche

Denver, Colorado 80290

FIELD Lemon Ranch Ext.

**CONTACT PERSON Mike Rivera

PROD. FORMATION Swope

PHONE 303-861-4366

LEASE Hibbert

PURCHASER Koch Oil Company

WELL NO. 4-20

ADDRESS Wichita, Kansas

WELL LOCATION SWNESE

State Geological Survey WICHITA, BRANCH

DRILLING Husky Drilling

1650 Ft. from East Line and

CONTRACTOR

2310 Ft. from South Line of

ADDRESS 200 East 1st Room 500

the SEC. 20 TWP. 19 RANGE 34

Wichita, Kansas 67202

WELL PLAT

20-34S-19W (DEL 1982)

PLUGGING N/A

RECEIVED

CONTRACTOR

ADDRESS

STATE CORPORATION COMMISSION

CONSERVATION DIVISION

KCC KGS (Office Use)

TOTAL DEPTH 5340 PBT 4920

SPUD DATE 4-27-82 DATE COMPLETED 7-13-82

ELEV: GR 1828 DF KB 1838

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS

			X

Amount of surface pipe set and cemented 599 ft DV Tool Used? No

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 Gals 28% HCl & balls (6-12-82)	4891-4895
3000 Gals 28% HCl & balls (7-8-82)	4891-4895

Date of first production 7-12-82	Producing method (flowing, pumping, gas lift, etc.) Pumping	Gravity
RATE OF PRODUCTION PER 24 HOURS	Oil 16 bbls. Gas 0 bbls. MCF 77% 55	Gas-oil ratio UNKNOWN CFPB
Disposition of gas (vented, used on lease or sold)	Perforations Used	

INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

WNE - P1 - 05

20-34-19W
20-19-3405

SIDE TWO

WELL LOG

Show all important zones of porosity and contents thereof; core intervals, and all drill-stem tests, including depth interval tested, cushion used, time test 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
Swope: 20% Porosity 4891-95 Oil show DST #1 4888-4898 30-60-60-120 Rec 1900ft Gas in DP 62ft 24% oil 4% H ₂ O 50% gas 62 ft - 15% oil 6% H ₂ O 50% Gas 29% Mud 120ft Gassy Muddy water 300ft Saltwater TBHP = 1564# FBHP = 1514# IFP = 108# - 167# FFP = 206# - 305# IHP = 2390# FHP = 2370# BHT = 137°F	4890	4910	Sample Tops Heebner Lansing Swope B-KC Marmaton Cherokee Det. Miss Mississippi	4276 4481 4887 4961 5020 5167 5268 5290
Detrital Mississippi 14-19% Porosity Mississippi 18% Porosity DST #2 5270-5340' Rec 130 ft slightly oil cut mud 30-60-60-120 IBHP = 582# FBHP = 859# IFP = 108# - 108# FFP = 108# - 108# IHP = 2666# FHP = 2450# BHT = 133°F	5272	5276		
	5292	5310		

Report of all strings set—surface, intermediate, production, etc. **CASING RECORD** (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs./ft.	Setting depth	Type cement	Sacks	Type and percent additives
Conductor	20in	16	---	70ft	Common		
Surface	12½in	8 5/8	24	609	50-50 POZ Common	250 400	6% Gel - 3% CaCl ₂ 2% Gel - 3% CaCl ₂
Production	7 7/8in	4 1/2	10.5	4998	50-50 Poz Class H	150 50	18% Salt - 2% Gel -----

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
	N/A				
TUBING RECORD			2	.31 jet	4891-4895
Size	Setting depth	Pecker set at			
2 3/8	4893	N/A			