

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. 015-033-20556-0000

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

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 34 N RGE 34 E

Wichita, Kansas 67202

WELL PLAT

PLUGGING N/A

RECEIVED STATE CORPORATION COMMISSION

CONTRACTOR

ADDRESS

JUL 21 1982

7-21-82 CONSERVATION DIVISION Wichita, Kansas

TOTAL DEPTH 5340 PBTD 4920

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

ELEV: GR 1828 DF KB 1838

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

			X

KCC KGS (Office Use)

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

AFFIDAVIT

STATE OF Colorado, COUNTY OF Denver SS, I, Paul

M. Rivera OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS an Engineer (FOR) (OF) Bow Valley Petroleum

OPERATOR OF THE Hibbert LEASE, AND IS DULY AUTHORIZED TO MAKE

THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 4-20 ON

SAID LEASE HAS BEEN COMPLETED AS OF THE 12 DAY OF July, 1982, AND THAT

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

FURTHER AFFIANT SAITH NOT.

(S) Paul M Rivera

SUBSCRIBED AND SWORN BEFORE ME THIS 19th DAY OF July, 1982.

Sherry A. Hanson

NOTARY PUBLIC

MY COMMISSION EXPIRES: 4-9-86

**The person who can be reached by phone regarding any questions concerning this information. Within 45 days of completion, a witnessed initial test by the Commission is required if the well produces more than 25 BOPD or is located in a Basic Order Pool.

SIDE TWO

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
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 IBHP = 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	Packer set at			
2 3/8	4893	N/A			

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 MCF
	Water 77% 55 bbls.	Gas-oil ratio UNKNOWN CFPB
Disposition of gas (vented, used on lease or sold) Used		Perforations