

SIDE ONE

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a 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.

Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells.

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

LICENSE # 7007 EXPIRATION DATE June 1984

OPERATOR Bow Valley Exploration API NO. 15-033-20624-0000

ADDRESS 1700 Broadway, Suite 900 COUNTY Comanche

Denver, CO 80290 FIELD Unknown

** CONTACT PERSON Mike Rivera PROD. FORMATION Dry

PHONE (303) 861-4366

PURCHASER LEASE Lemon Ranch

ADDRESS WELL NO. 5 - 20

WELL LOCATION 120'E C NW NW SW

DRILLING Cougar Drilling Co., Inc. 2310 Ft. from South Line and

CONTRACTOR ADDRESS 555 N. Woodlawn, Suite 114 450 Ft. from West Line of

Wichita, KS 67208 the SW (Qtr.) SEC 20 TWP 34 RGE 19 W

PLUGGING same

CONTRACTOR ADDRESS

TOTAL DEPTH 5571 KB PBTD

SPUD DATE 11-1-83 DATE COMPLETED 11-15-83

ELEV: GR 1775 DF 10 KB 1785

DRILLED WITH (ROTARY) (TOOLS)

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE

Amount of surface pipe set and cemented 810 DV Tool Used?

THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Gas, Shut-in Gas, Dry Disposal, Injection, Temporarily Abandoned, OWWO, Other

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

A F F I D A V I T

Paul M. Rivera, being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

Paul M. Rivera (Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 22nd day of November, 1983.

MY COMMISSION EXPIRES: April 3, 1986

Denise Bennett (NOTARY PUBLIC) 12623 W. 8th Ave. Golden, CO 80401

** The person who can be reached by phone regarding any questions concerning this information.

NOV-26 1983 11-28-83 CO. Notary Public, DENVER, WICHITA, KANSAS

SIDE TWO

ACO-1 WELL HISTORY

OPERATOR Bow Valley Exploration LEASE Lemon Ranch

SEC. 20 TWP. 34 RGE. 19

FILL IN WELL LOG AS REQUIRED:

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
Shale, sand, Gyp.	70	340	Admire	3144
Shale, sand	340	813	Topeka	3872
Redbed	813	1675	Heebner	4220
Shale	1960	2160	Toronto	4243
Shale, lime	2160	2825	Lansing	4417
Lime, shale	2825	2960	Iola	4662
Shale, lime	2960	3400	Swope	4830
Lime, shale	3400	3575	Base K.C.	4906
Shale, lime	3575	3853	Marmaton	4965
Lime, shale	3853	3970	Cherokee	5109
Shale, lime	3970	4705	Detrital Miss	5208
Lime, shale	4705	4910	Spergen	5226
Shale, lime	4910	5000		
Lime, shale	5000	5200		
Shale, lime	5200	5260		
Mississippi	5260	RID		

DST#1 Spergen (Mississippian)
5207-5260ft
30-60-60-180 min
Rec 60ft of mud
no gas to surface
IHP=2613, IFP=31-31, ISIP=550
FFP=31-31, FSIP=1897, FHP=2613

DST#2 Swope
4798-4862ft
30-60-60-180 min
Rec 240ft USO & GM & 120' MW
IHP=2551, IFP=80-150, ISIP=1497
FFP=159-209, FSIP=1567, FHP=2551

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	12 1/4	16'		70	Common	3 1/2 yards	
Surface	12 1/4	8 5/8	24	810KB	Lite	350	6% gel, 3% cc
						1/4# Flocele per sx.	
				followed w/	Common	300	2% gel, 3% cc
						1/4 # Flocele per sx.	

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
Dry, Plugged 11-15-83	

Date of first production N/A	Producing method (flowing, pumping, gas lift, etc.)	Gravity
RATE OF PRODUCTION PER 24 HOURS	Oil bbls. Gas MCF Water % Gas-oil ratio bbls. CFPB	
Disposition of gas (vented, used on lease or sold)	Perforations	