

20-24-19W

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. _____

State Geological Survey
WICHITA BRANCH

TYPE

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.

F 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.

C X 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 30, 1983

OPERATOR Bow Valley Petroleum, Inc. API NO. 15-033-20433

ADDRESS 1700 Broadway, Suite 900 COUNTY Comanche

Denver, Colorado 80290 FIELD N/A

** CONTACT PERSON Mike Rivera PROD. FORMATION Mississippian
PHONE 303-861-4366

PURCHASER N/A LEASE Lemon Ranch

ADDRESS _____ WELL NO. 2-20

DRILLING Husky Drilling Company 660 Ft. from N Line and

CONTRACTOR ADDRESS 555 North Woodlawn, #114 660 Ft. from W Line of

Wichita, Kansas 67208 the NW (Qtr.) SEC 20 TWP 34S RGE 19W.

PLUGGING _____ WELL PLAT _____ (Office Use Only)

CONTRACTOR _____

ADDRESS _____

TOTAL DEPTH 5375 PBSD 5330

SPUD DATE 7-11-81 DATE COMPLETED 7-10-82

ELEV: GR 1783 DF _____ KB 1793 ft

DRILLED WITH (~~XXXX~~) (ROTARY) (~~XXXX~~) TOOLS.

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

Amount of surface pipe set and cemented 655 ft DV Tool Used? NO

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. statements and allegations contained therein are true and correct.

Paul M. Rivera

FILL IN WELL INFORMATION AS REQUIRED: WELL NO. 2-20

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
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.				
Check if no Drill Stem Tests Run.				
DST #1				
5089-5190 Cherokee				
IFP 65				
FFP 94				
ISIP 760				
FSIP 660				
Recovered 80' mud. No gas. No oil.				
DST #2				
5205-5280 Mississippi			Heebner	4225
IFP 65			Toronto	4242
FFP 70			Amexontien	4272
ISIP 1500			Lansing	4426
FSIP 1250			Swope	4858
			Marmaton	4960
			Pawnee	5050
			Cherokee	5102
			Mississippian	5222

State Geological Survey
WICHITA BRANCH

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
4000 gals 15% HCL-80% quality foam w/balls.	5210-5317
42,000 gals Apollo 30 gel & 39,760# 16-30 sand.	5210-5275

Date of first production Dry Hole	Producing method (flowing, pumping, gas lift, etc.)	Gravity
Estimated Production -I.P.	Gas bbls. MCF	Water %
Disposition of gas (vented, used on lease or sold)		Gas-oil ratio bbls. CFPB
N/A		Perforations 5210, 5214, 5227, 5231, 5245, 5249, 5254, 5259, 5263, 5267, 5305, 5304, 5317 (New) or (Used)

Report of all strings set — surface, intermediate, production, etc. CASING RECORD

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		48 in		40 ft	Common	to surface	
Surface	12 1/2	8 5/8	20#	655	Class H Lite	300 350	3% CaCl ₂ & 2% Gel
Production	7 7/8	4 1/2	10.5#	5373	Class A 50-50 Poz	50 175	10#/sx Gilsonite 18% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
N/A					

TUBING RECORD

Size	Setting depth	Packer set at			
2 3/8	4488	4488	1 SPF	.42 jet	5210-5317



Bow Valley Petroleum Inc.

20-34-19W

A

Operator: *Bow Valley Petroleum, Inc.*

Lemon Ranch 2-20
Sec. 20-T34S-R19W
Comanche Co., KS

NW NW

SEP 09 1985

State Geological Survey
WICHITA BRANCH

Plug and Abandon Procedure

- 1) MIRUSU. NDWH. NUBOP.
- 2) Release Baker Model "R" pkr @ 4480'. POOH and stand back tbg. LD pkr.
- 3) RU wireline Co, set CIBP on wireline @ 4480' ±. w/ dump bailer, place 2 sx cmt on top of bridge plug.
- 4) Mix or transport 55 bbls of 9.0 ppg mud. RIH w/ tbg open ended to 4460'+. Displace hole w/ 55 bbls mud and 16 bbls wtr. Pump 7 bbls and pull 10 stds between each stage. LD tbg.
- 5) Set 10 sx cmt plug @ 1000' inside 4½" csg.
- 6) Hook up to 4½ X 8-5/8 annulus and pump 300 sx cmt (300 ft) to close off formations from 1050 ft (anhydrite) to surface. Displace w/ 2 bbl wtr.
- 7) Cut off 4½" csg and 8-5/8" csg 5 ft below ground level. Set 10 sx surface plug.
- 8) Remove surface wtr lines. Truck out tbg, wellhead, and 300 bbls tank.
- 9) Restore location and seed per landowner specifications

RECEIVED
STATE CORPORATION COMMISSION
AUG 26 1985
CONSERVATION DIVISION
Wichita, Kansas

PT

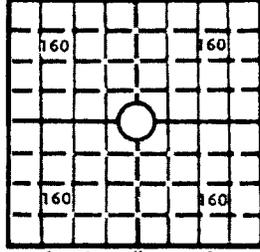
KANSAS

WELL COMPLETION REPORT AND
DRILLER'S LOG

API No. 15 — 033 — 20433
County Number

S. 20 T. 34 R. 19 W
Loc. NW/4 NW/4
County Comanche

640 Acres
N



Elev.: Gr. 1783'
DF KB 1793'

Operator
Bow Valley Petroleum, Inc.

Address
1700 Broadway, Suite 900 Denver, Colorado 80290

Well No. 2-20 Lease Name Lemon Ranch

Footage Location
660' feet from (N) (S) line 660' feet from (E) (W) line

Principal Contractor Husky Drilling Co Geologist Dwight Williams

Spud Date 7-11-81 Date Completed 8-15-81 Total Depth 5375' P.B.T.D. 5330'

Directional Deviation N.A. Oil and/or Gas Purchaser NA

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"	20#	655	Class "H" Howco Lite	300 350	3% CaCl ₂ 3% CaCl ₂ & 6% gel
Production	7 7/8"	4 1/2"	10.5#	5373	Class "A" 50:50 Poz	50 sks. 175 sks.	10# Gilsonite and 18% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
N.A.					

TUBING RECORD

Size	Setting depth	Packer set at			
2 3/8"	5110	5110	1 SPF	0.42" Jet	5210-5317

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
4000 gallons 15% HCL, 80% quality foam with ball sealers	5210-5317

INITIAL PRODUCTION

Date of first production 8-16-81 Producing method (flowing, pumping, gas lift, etc.) Flowing

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	9.5 bbls.	150 MCF	63 bbls.	15,789 CFPB

Disposition of gas (vented, used on lease or sold) To be sold Producing interval(s) 5210-5317 (Mississippi)

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, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

20-34-19W
 DESIGN: PIPE: COMP: OIL GAS,
 OR: HOLE, SHOW, ETC.:

Operator
 Bow Valley Petroleum, Inc. SEP

Well No. #2-20 Lease Name Lemon Ranch OIL Q1

S 20 T 34 R 19 ^{EX} 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
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IFP 65				
FFP 94				
ISIP 760				
FSIP 660				
Recovered 80' mud. No gas. No oil.				
DST No. #2				
5205-5280 Mississippi			Heebner	4225
			Toronto	4242
			Amezontien	4272
			Lansing	4426
			Swope	4858
			Mesaton	4960
			Pawnee	5050
			Cherokee	5102
			Mississippian	5222
Gas @ 14 MCFD & 180' Mud.				

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

Date Received

Signature

Title

Date