

Measurements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have

SIDE TWO

Operator Name Bowen Oil & Exploration Lease Name..... Brooks Younger Well #..... 3

Sec..... 23 Twp..... 32S Rge..... 13 ☐ East ☒ West County..... Barber

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken ☒ Yes ☐ No
 Samples Sent to Geological Survey ☐ Yes ☐ No
 Cores Taken ☐ Yes ☐ No

DST#1 4133'-4148' 30/60/45/90
 IHP 2172 psi FHP 2161 psi
 Initial blow - strong blow off
 bottom of bucket in 2 min.
 Final blow - strong blow off
 bottom of bucket in 4 min
 rec - 1300' slightly muddy water

DST#2 4408'-4453' 30/45/60/90
 IHP 2214 psi FHP 2193 psi
 Initial blow strong blow off bottom
 of bucket in 30 seconds
 Final blow strong blow off bottom of
 bucket immediately
 rec - 248' clean gassy oil
 186' very slightly muddy froggy oil
 186' froggy oil

Formation Description
☒ Log ☐ Sample

Name	Top	Bottom
Red Bed	0	463
Red Bed & Shale	463	1020
Shale	1020	2145
Lime & Shale	2145	4200
Lime	4200	4321
Lime & Shale	4321	4453
Line & Chert	4453	4522 RTD

CASING RECORD ☒ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
surface.....		8.5/8"	23#	290'	common	235	CAL. 663# & GEL 44
production.....		5 1/2"	14.5	4520	class H	75 sx	salt 913# Gel 14
.....					lite water	125 sx	gilsonite 30
.....							D31 53#

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
one.....	jet. DML. 4426-36 & .4442-52	1000 gals. 10% NSA. acid	4426-52
.....		33,500 gals. 70% quality foam	70% nitro
.....		w/20,000 #20-40 sand & 1,000 #10-20	sar
.....			

TUBING RECORD Size 2 3/8 Set At 4476 Packer at Liner Run ☐ Yes ☐ NoDate of First Production 7-3-84 Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....

WELL LOG

CO- Bowen Oil and Exploration Inc.

SEC. 23 T. 32S R. 13W

FROM Brooks-Younger

NO. 3

LOC. C W/2 NE NW

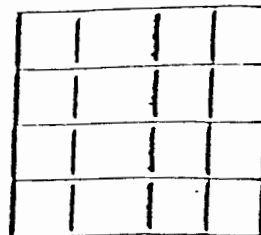
TOTAL DEPTH 4522'

COUNTY Barber Co., Kansas

DATE 6-6-84

EDMP. 6-15-84

CONTRACTOR DaMac Drilling Inc.



CASING

8 5/8" set @ 290'

ELEVATION

PRODUCTION 5 1/2" set @ 4520'

FIGURES INDICATE BOTTOM OF FORMATIONS

0	463	Red Bed
463	1020	Red Bed & Shale
1020	2145	Shale
2145	4200	Lime & Shale
4200	4321	Lime
4321	4453	Lime & Shale
4453	4522'RTD	Lime & Chert

JAN 7 1985

STATE OF KANSAS GEOLOGICAL SURVEY

DEC 11 1984

CONSERVATION DIVISION
Topeka, Kansas

State Geological Survey
WICHITA BRANCH