

Poly

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 7077  
Name Bowen Oil & Exploration, Inc.  
Address 720 N Main Ste 320  
City/State/Zip Hutchinson, KS 67501

Purchaser Koch Oil Co  
Wichita, KS 67201

Operator Contact Person Ralph G. Bowen  
Phone 316-665-6563

Contractor: License # 6333  
Name DaMac Drilling

Wellsite Geologist Mike Spain  
Phone 316-838-9109

Designate Type of Completion

- New Well
- Re-Entry
- Workover
- Oil
- Gas
- Dry
- SWD
- Inj
- Other (Core, Water Supply etc)
- Temp Abd
- Delayed Comp.

If OMWO: old well info as follows:

Operator  
Well Name  
Comp. Date  
Old Total Depth

WELL HISTORY

Drilling Method:

- Mud Rotary
- Air Rotary
- Cable

9-4-84	9-13-84	9-28-84
Spud Date	Date Reached TD	Completion Date
4499'		
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 2.75 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated from.....feet depth to.....w/.....SX cmt

API NO. 15-007-21,901

County Barber

59.1 N of C. E. 2 Sec. 22. Twp. 32. Rge. 13.  East  West

..... Ft North from Southeast Corner of Section  
..... Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

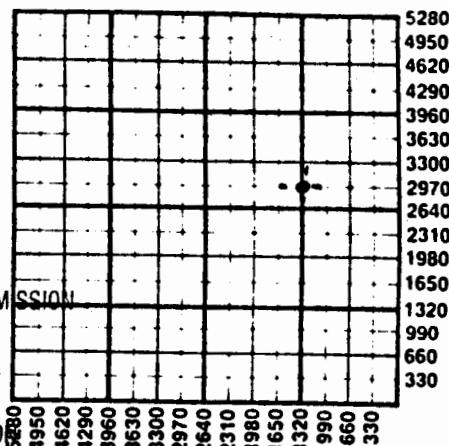
Lease Name Brooks Younger Well # 4

Field Name

Producing Formation Mississippi

Elevation: Ground 1655 KB. 1660.3 KC-KCC

Section Plat



RECEIVED

DEC 21 1984

CONSERVATION DIVISION  
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #

Groundwater.....Ft North from Southeast Corner (Well) .....Ft West from Southeast Corner of Sec Twp Rge  East  West

Surface Water.....Ft North from Southeast Corner (Stream, pond etc).....Ft West from Southeast Corner Sec Twp Rge  East  West

Other (explain).....  
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

SIDE TWO

Operator Name ..... Bowen Oil & Exploration ..... Lease Name..... Brooks Younger ..... Well #..... 4

Sec..... 22 ..... Twp..... 32 ..... 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

Formation Description  
 Log  Sample

DST#1 4242'-4260' 30/60/45/90  
 IHP 2206 psi FHP 2092 psi  
 Initial flow period weak blow building to fair blow. Final flow period strong blow throughout  
 Rec - 60' gas above fluid  
 150' muddy gas cut salt water  
 100' salt water Chlorides 11200 mpm

Name	Top	Bottom
Redbed	0	1131
Redbed, Shale	1131	1800
Shale	1800	2050
Lime Shale	2050	4499 RTD

DST#2 4373' - 4417' 30/60/45/93  
 IHP 2215 psi FHP 2174 psi  
 Strong blow gas to surface in 4 minutes  
 Rec - 140' mud cut gassy oil  
 15% gas, 80% oil, 5% mud  
 240' gassy oil

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"	24#	273	common	235	663#gal. 442# gel
production		5 1/2"	14.5	4499	class H. lite water	100 75	1250#salt. 188# gel 700#gelsonite, 38#

PERFORATION RECORD  
 Shots Per Foot | Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth

two	jet DMU. 4393-98 & 4402-10	1500 gals. 15% NSA. acid	4393-4410
		30,000 gals. cross link gel	

TUBING RECORD Size 2 3/8 Set At 4430 Packer at Liner Run  Yes  No

Date of First Production 10-12-84 Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

WELL LOG

Company: Bowen Oil & Exploration

Sec: 22 T. 32S R. 13W

Farm: Brooks Younger No. 4

Loc. 50' N, C/E/2

Total Depth: 4499' RTD

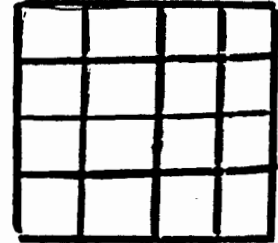
County: Barber, Kansas

Comm. 9-4-84

Comp. 9-13-84

Contractor: DaMac Drilling Inc.

Casing: 8 5/8 set @ 279



Elevation:

Production: 5 1/2 set @ 4498

Figures Indicate Bottoms of Formations

Redbed	0	to	1131	
Redbed, Shale	1131	to	1800	
Shale	1800	to	2050	
Lime, Shale	2050	to	4499	RTD

State of Kansas }  
 County of Barton } KS

I, Elizabeth Miller of DaMac Drilling Inc.

upon oath state the above and foregoing is true and correct copy of the Log of the WELL

Brooks Younger #4 well.

DEC 11 1984

Elizabeth Miller

CONSULTATION DIVISION  
 Wichita, Kansas

scribed and sworn to before me this 20th day of Nov 1984