

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 North Main Suite 320  
City/State/Zip Hutchinson, KS 67501

Purchaser

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

Contractor: License # 5829  
Name Aldebaran Drilling Co. Inc.

Wellsite Geologist Mike Spain  
Phone 316-522-8144

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

If OWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
X Mud Rotary Air Rotary Cable

7-2-86 7-17-86 7-17-86  
Spud Date Date Reached TD Completion Date

2141  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 300 feet  
Multiple Stage Cementing Collar Used? Yes X No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from surface feet depth to 300! w/.200SX cmt  
Cement Company Name B.J. Titan  
Invoice # 284272

API NO. 15-007-22-139-0000

County Barber

C NE NE Sec 2 Twp 33 Rge 14 East X West

4620 Ft North from Southeast Corner of Section  
660 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

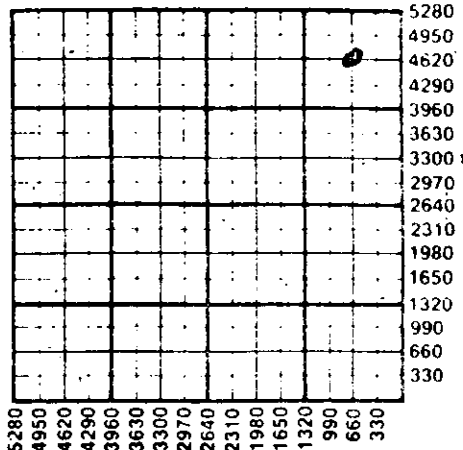
Lease Name Angell Well # 5-2

Field Name

Producing Formation Viola

Elevation: Ground 1885 1946 KB 1955

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # Repressuring

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 25 Ft North from Southeast Corner (Stream, pond etc) 10 Ft West from Southeast Corner Sec 11 Twp 33 Rge 4 East X West

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

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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.

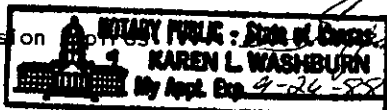
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Ralph G. Bowen  
Title President Date 2-5-87

Subscribed and sworn to before me this 5th day of February 1987

Notary Public Karen L. Washburn

Date Commission on 26, 1987



K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Drillers Timelog Received  
Distribution  
KCC SWD/Rep NGPA  
KGS Plug Other  
STATE CO 2-9-87  
FEB 5

Sec 2 Twp 33 Rge 14

SIDE TWO

Operator Name Bowen Oil & Exploration, Inc. Lease Name Angell Well # 5-2

Sec. 2 Twp. 33 Rge. 14 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

<u>DST #1</u> 4698 to 4780 30-60-45-90 65' oil cut mud 120' gas & oil cut mud 185' gassy free oil IHP 2369, IFP 85 FFP 127, ICP 1737 FCP 1716	<u>DST #3</u> 5079 to 5141 30-30-30-60 30' mud--slightly oil cut FCP 40
<u>DST #2</u> 4977 to 5077 30-30-45-60 40' drlg mud FCP 159	<u>DST #4</u> 5160 to 5197 30-30-30-60 5' drlg mud FCP 42
	<u>DST #5</u> 4697 to 4730 Packer seat failed

Name	Top	Bottom
Heebner	2090'	2092'
Lansing	2280'	2283'
B/KC	2691'	2692'
Mississippi	2796'	2797'
Viola	3087'	3088'
Simpson	3241'	3241'

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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 lb new	0-300		200	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio		Gravity	
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease

Dually Comp  
 Commingled

