

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 # 8625  
Name VAC. Petroleum Co.  
Address 333 N. Rock Rd. #105  
City/State/Zip Wichita, Kansas 67206

Purchaser N/A

Operator Contact Person L.G. Harmon  
Phone (316) 685-0111

Contractor: License # 5829  
Name Aldebaran Drilling Company

Wellsite Geologist Thomas M. Williams  
Phone (316) 685-0111

Designate Type of Completion  
 New Well  Re-Entry  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp  
 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:  
 Mud Rotary  Air Rotary  Cable  
5/23/85 6/1/85 N/A 6-1-85  
Spud Date Date Reached TD Completion Date  
4894 N/A  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 348' 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  
Cement Company Name  
Invoice #

API NO. 15-151-21, 609-00-00  
County Pratt  
N/2 N/2 NE Sec. 23 Twp. 29 Rge. 15  West

4950 Ft North from Southeast Corner of Section  
1320 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

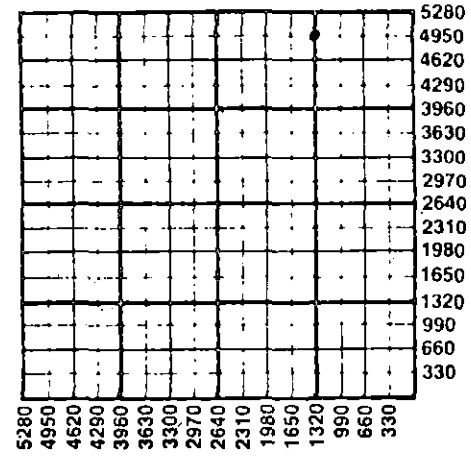
Lease Name Howell Well # 1-23

Field Name Unnamed

Producing Formation N/A

Elevation: Ground 2005 KB 2014

Section Plat



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 4920 Ft North from Southeast Corner (Well) 1320 Ft West from Southeast Corner of Sec 23 Twp 29 Rge 15 East  West  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 recomple 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.

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 Thomas M. Williams  
Title Petroleum Geologist Date 10/2/85

Subscribed and sworn to before me this 2 day of October 1985  
Notary Public Brenda Harmon Brown

Date Commission Expires

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Time Log Received  
Distribution  
 KCC  SWD/Rap  NGPA  
 KGS  Plug  Other  
(Specify)

Notary Public-State of Kansas  
BRENDA HARMON BROWN  
My Appt. Exp. 5-6-89

X

SIDE TWO

Operator Name VAC. Petroleum Company Lease Name Howell Well # 1-23

Sec. 23 Twp. 29 Rge. 15  East  West County Pratt

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 4515'-4597'  
 30-30-30-30-T  
 IFP-101#-67#  
 ISIP-67#  
 FFP-101#-67#  
 FSIP-67#  
 IHP-228#  
 FHP-2172#  
 Rec. 28' mud w/ few oil specs.  
 Temp. 124°

Name	Top	Bottom
Heebner	3880 (-1866)	
Brown Lime	4044 (-2030)	
Lansing	4062 (-2048)	
Base/K.C.	4443 (-2429)	
Viola	4608 (-2594)	
Simsson Sh.	4739 (-2725)	
Simpson Sd.	4774 (-2760)	
Arbuckle	4836 (-2822)	

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	12 1/4	8 3/8	23 lbs.	348	common	400	3% gel 2% cc
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		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No	
N/A							
Date of First Production		Producing Method					
N/A		<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) ..... N/A  
 Used on Lease  Dually Completed .....  
 Commingled