

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 # 4748  
Name A & A Discovery, Inc.  
Address P.O. Box 156  
City/State/Zip Hill, City, KS 67642

Purchaser

Operator Contact Person Darrel Anderson  
Phone (913) 674-2768

Contractor: License # 5929  
Name Duke Drilling Co., Inc.

Wellsite Geologist  
Phone

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

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
4-18-89 4-25-89 4-25-89  
Spud Date Date Reached TD Completion Date  
4050  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 255 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 Allied  
Invoice #  
ATI ORO

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.

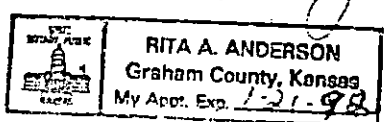
Signature Willadonna Anderson

Title Sec - Treas Date 6-23-89

Subscribed and sworn to before me this 23rd day of June 1989

Notary Public Rita A. Anderson

Date Commission Expires Jan 21, 1992



API NO. 15-151-21,927-0000  
County Pratt  
Approx SW SE NW Sec 8 Twp 27 Rge 11 East West

3075' Ft North from Southeast Corner of Section  
3715' Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

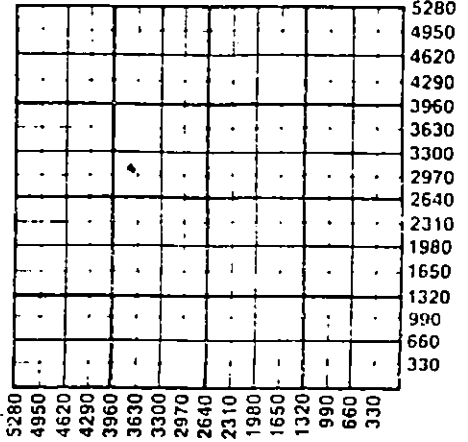
Lease Name Holland Well # A 3

Field Name

Producing Formation

Elevation: Ground 1814 1819 KB

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 # T 88-471  
old water well  
 Groundwater 4290 Ft North from Southeast Corner (Well) 2820 Ft West from Southeast Corner of Sec 8 Twp 27 Rge 11 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. #)

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 (Specify)

Sec. 8 Twp 27 Rge 11 W

Operator Name A & A Discovery, Inc. Lease Name Holland Well # A-3

Sec. 8 Twp. 27 Rge. 11  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 *MLL*  
 Cores Taken  Yes  No *MLL*

Formation Description  
 Log  Sample

	Name	Top	Bottom
DST # 1 - 3808 - 3824. Int 30-60-30-60	Heebner	3450	
IHP 1854, FHP 1812, IFP 105-169,	Toronto	3465	
FFP 233-275. ICIP 1239, FCIP 1208,	Douglas Shale	3482	
Recovery-540' S.W. 60,000 ppm,	Brown Lime	3632	
Temp 125	Lansing	3648	
DST # 2 - 3898 - 3925. 30-60-30-60.	B/KC	4000	
IHP 1916, FHP 1864, IFP 74-74,	R.T.O	4051	
ICIP 105, FCIP 180.			
Recovery- 555 G.I.P., 5'D.M.			
Temp 125.			

DST # 3 - 3934- 3953. 30-60-30-60. Recovery 120 G.E.P. 25'mud, few oilspks.  
 Temp 126. IHP, 1947, FHP 1916, IFP 84-84, FFP 95-95, ICIP 1333, FCIP 1291

CASING RECORD <input type="checkbox"/> New <input checked="" 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.....	14-3/4"	10-3/4"	32#	255'	60/40poz	175	2% gel 3% 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	
n/a	N/A						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
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		
	n/a Bbls	n/a MCF			Bbls	CFPB	

METHOD OF COMPLETION Production Interval

-D and A-

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

Used on Lease  Dually Completed  Commingled

DRILLER'S WELL LOG

DATE COMMENCED: April 18, 1989  
DATE COMPLETED: April 25, 1989

A & A Discovery, Inc.  
HOLLAND #A-3  
Approx. SW SE NW  
Sec. 8, T27S, R11W  
Pratt County, Ks.

0 - 219' Surface Soil, Clay & Sand  
219 - 256' Shale  
256 - 575' Red Bed  
575 - 599' Anhydrite  
599 - 1689' Shale  
1689 - 2843' Lime & Shale  
2843 - 3448' Lime  
3448 - 3649' Shale & Lime  
3649 - 4050' Lime  
4050' RTD

ELEVATION: 1819 K.B.

Surface Pipe: Set used  
10-3/4" 32# pipe @255'  
w/175 sacks 60/40 pozmix  
2% gel 3% cc.

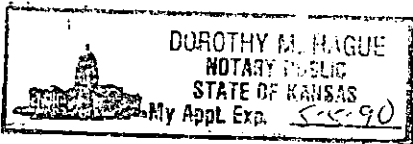
A F F I D A V I T

STATE OF KANSAS  
COUNTY OF BARTON) ss

Leonard Williamson of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.

*Leonard Williamson*

Subscribed and sworn to before me this 27 day of April 1989.



*Dorothy M. Hague*  
Notary Public

STATE OF KANSAS  
APR 27 1989