

ORIGINAL

SIDE ONE

2nd yr. 8/31/89 8-31-91

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 # 5114  
Name National Development Co.  
Address 310 West Central Suite 117  
City/State/Zip Wichita KS 67202

Purchaser Clear Creek

Operator Contact Person Ralph B. Hamilton  
Phone (316) 267-1331

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

Wellsite Geologist Beth A. Fuhr  
Phone 316-943-2858

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  
05-01-89 05-08-89 6-2-89  
Spud Date Date Reached TD Completion Date  
4365'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 249' 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. 15-151-21-930-0000  
County Pratt  
75-S & 18 W of  
NE SW NW 25 26 12 East  
Sec. Twp. Rge. X West

3555 Ft North from Southeast Corner of Section  
4308 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

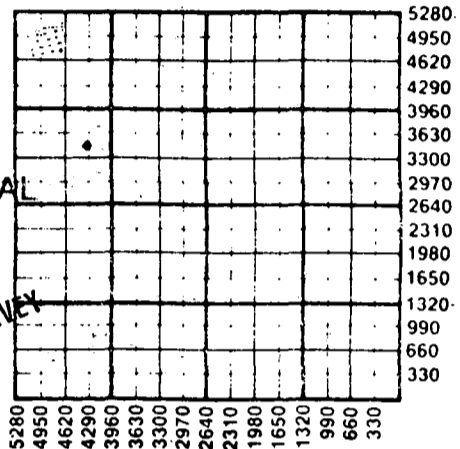
Lease Name Allen-Vincent IV Well # 4 Rabbit

Field Name

Producing Formation Mississippi Chert

Elevation: Ground 1856 KB 1864

Section Plat



RELEASED

OCT 09 1991

FROM CONFIDENTIAL

APR 03 1990  
KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH

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 # t-89-068

Groundwater 2970 Ft North from Southeast Corner  
(Well) 4950 Ft West from Southeast Corner of  
Sec 25 Twp 26 Rge 12 East X 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 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 Beth A. Fuhr

Title Geologist Date 8/30/89

Subscribed and sworn to before me this 30 day of Aug 1989

Notary Public

Date Commission Expires

DORENE K. DUNN  
NOTARY PUBLIC  
State of Kansas  
My Appt. Expires 10/17/89

K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Time Log Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)  
AUG 31 1989  
8-31-89 Form ACO-1 (5-86)  
CONSERVATION DIVISION  
Wichita, Kansas

Sec. Twp. Rge.

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Operator Name National Development Company Lease Name Allen-Vincent IV Well # 4 Rabbit

Sec. 25 Twp. 26 Rge. 12  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 4093 - 4150  
 45", 60", 60", 90"  
 Gas to Surface in 18" on second opening  
 Gauged 3,000-4,000 CFG  
 RECOVERED: 30' VSOCM (3% Oil)  
 64' SOCM (20% g, 15% oil)  
 64' HOCM (35% g, 45% oil, 7% wtr)  
 IFP 33-44# FFP 55-77#  
 ISIP 1167# FSIP 1265#  
 HYD 2002-1969# TEMP 136°

Name	Top	Bottom
HEEBNER	3450	
BROWN LIME	3634	
LANSING	3656	
BASE KC	3998	
MISS CHERT	4092	4150
MISS LIME	4150	4240
KINDERHOOK SH	4240	
VIOLA	4287	?

CASING RECORD <input checked="" 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	15 7/8"	10-3/4"	32#	249'	60/40poz	175	2% gel 3% cc
Surface	9-7/8"	8-5/8"	24#	884'	60/40poz	100	2% gel 3% cc
Production	7-7/8"	5 1/2"		4360'	Lite 50/50poz	25	10% Salt .75% CRF2
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
2	25 feet, from 4100' to 4125'			2000 gals 7 1/2% mud acid			4100-4125
				Fraced w/ 100sx 100 mesh sand,			
				300 sx 20-40 and 525 sx 12-20			
				sand			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size 2-7/8"		Set At 4241'		Packer at			
Date of First Production		Producing Method					
6/3/89		<input type="checkbox"/> Flowing <input checked="" 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	
80 Bbls		3 MCF	80 Bbls		CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 4100-4125  
 Used on Lease  Dually Completed .....  
 Commingled

PC-12-2