

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 # 5056
Name ..E.G..Holl.....
Address ..6427.E..Kellogg.....
City/State/Zip ..Wichita, Ks. 67207.....

Purchaser...Northern.Natural.Gas.Co.....
...Parvian.Corp.....

Operator Contact Person Wilfred J. Monk
Phone(316).684-8481.....

Contractor: License # 5142
Name ..Sterling.Drilling.Co.....

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.)

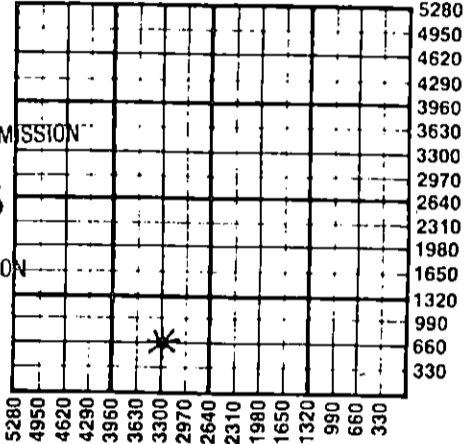
If OWNO: old well info as follows:
Operator ..F.G..Holl.....
Well Name ..Rudd Estate "A" 2-16.....
Comp. Date ..6-24-75.....Old Total Depth. 4375

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
(original) 4-12-75. 4-23-75. 5-13-77.
Spud Date Date Reached TD Completion Date
...4375'... 4290'...
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 267 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. 15-047-20,170-0001
County...Edwards
...C SE..SW.... Sec.16. Twp.24..Rge..16W. East West
...660... Ft North from Southeast Corner of Section
...3300... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)
Lease Name..Rudd.Estate."A".....Well #.2-16..
Field Name.....Enlow
Producing Formation..Mississippi chert.....
Elevation: Ground....2076.....KB..2085.....



RECEIVED
JUL 31 1985
STATE CORPORATION COMMISSION
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.

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 *Wilfred J. Monk*
Title.....Geologist..... Date 7-26-85

Subscribed and sworn to before me this 26 day of July 1985.
Notary Public.....*Mary D. Slagle*.....



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

Sec. 16 Twp. 24 Rge. 16W

SIDE TWO

Operator Name F.G. Holl Lease Name Rudd Estate "A" Well # 2-16

Sec. 16 Twp. 24 Rge. 16W East West County Edwards

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.

<p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p style="text-align: center;">Formation Description</p> <p><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="0" style="width: 100%;"> <tr> <td style="text-align: left;">Name</td> <td style="text-align: center;">Top</td> <td style="text-align: center;">Bottom</td> </tr> <tr> <td>Anhydrite</td> <td style="text-align: center;">1081</td> <td></td> </tr> <tr> <td>Base Anhydrite</td> <td style="text-align: center;">1106</td> <td></td> </tr> <tr> <td>Heebner</td> <td style="text-align: center;">3685</td> <td></td> </tr> <tr> <td>LKC</td> <td style="text-align: center;">3835</td> <td></td> </tr> <tr> <td>Miss. Chert</td> <td style="text-align: center;">4257</td> <td></td> </tr> <tr> <td>Kinderhook sh.</td> <td style="text-align: center;">4291</td> <td></td> </tr> <tr> <td>Kinderhook sd.</td> <td style="text-align: center;">4306</td> <td></td> </tr> <tr> <td>Base Kdhk sd</td> <td style="text-align: center;">4314</td> <td></td> </tr> <tr> <td>Viola</td> <td style="text-align: center;">4369</td> <td></td> </tr> <tr> <td>RTD</td> <td style="text-align: center;">4375</td> <td></td> </tr> </table>	Name	Top	Bottom	Anhydrite	1081		Base Anhydrite	1106		Heebner	3685		LKC	3835		Miss. Chert	4257		Kinderhook sh.	4291		Kinderhook sd.	4306		Base Kdhk sd	4314		Viola	4369		RTD	4375	
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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"	28#	267' KB	60/40 Poz	250	
Production	7 7/8"	4 1/2"	10.5#	4374' KB	Pozmix	160	18% salt
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	4263-67			No treatment			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
11-22-77		<input checked="" 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	
1 Bbls		50 MCF					

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation 4263-67

Sold Other (Specify)

Used on Lease Dually Completed

Commingled