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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 # 4253  
Name Plains Petroleum Operating Co.  
Address Box 15278  
Lakewood, CO 80215  
City/State/Zip

Purchaser K N Energy, Inc.

Operator Contact Person Jeff Carlson  
Phone (303) 969-9325

Contractor: License # 6033  
Name Murfin Drilling Company

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

9-14-87 9-17-87 11-23-87  
Spud Date Date Reached TD Completion Date

2900' 2,843'  
Total Depth PBDT

8-5/8" @ 508'  
Amount of Surface Pipe Set and Cemented at...feet  
Multiple Stage Cementing Collar Used? Yes  No

If alternate 2 completion, cement circulated  
from 2898' feet depth to surf w/ 475 SX cmt  
Cement Company Name Halliburton  
Invoice # 584956

API NO. 15-093-20,904  
County Kearny  
E/2 E/2 NW Sec. 20 Twp. 26S Rge. 36 East  
West

3,960 Ft North from Southeast Corner of Section  
2,690 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

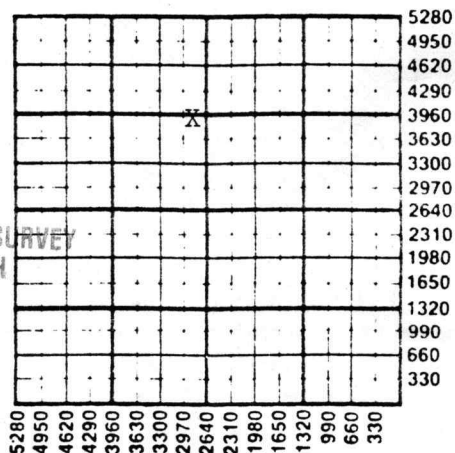
Lease Name Lee Well # 20-I

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3,106' KB 3,115'

Section Plat



DEC 21 1987

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: water well  
Division of Water Resources Permit # T87-373

Groundwater 3765 Ft North from Southeast Corner  
(Well) 2680 Ft West from Southeast Corner of  
Sec 20 Twp 26S Rge 36 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 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.

SIDE TWO

Operator Name Plains Petroleum Operating Co. Lease Name Lee Well # 20-I  
 Sec. 20 Twp. 26S Rge. 36  East  West County Kearny

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

Name	Top	Bottom
Chase	2,482'	2,787'
Council Grove	2,787'	NA

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	-0- Bbls	776 MCF	-0- Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

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

2487-781' OA

CASING RECORD <input checked="" 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"	8-5/8"	24#	508'	Lite	140	2% cc
Production	7-7/8"	5-1/2"	14#	2898'	Class C Lite Premium	100 350 125	2% cc 1/4# flocele 0.4% Halad 322

PERFORATION RECORD			Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
6	2482-92'; 2511-52'; 2572-600'	2616-24'; 2631-60'; 2670-724'	3600 gals 7 1/2% NE-FE acid	2487-781'
	2733-45'; 2765-87'		98500 gals ThixWtr 30 gel	
			265000 lbs 12/20 sd	

TUBING RECORD	Size	Set At	Packer at	Liner Run
		None		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First Production 11-17-87  
 Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....