

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15-093-20,889-0000
County Kearny
NE SW SW Sec 20 Twp 25S Rge 36 East
West

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

1,256 Ft North from Southeast Corner of Section
4,024 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser KN Energy, Inc.

Lease Name Lee Well # 4-I

Field Name Hugoton

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

Producing Formation Chase

Elevation: Ground 3,053' KB 3,062'

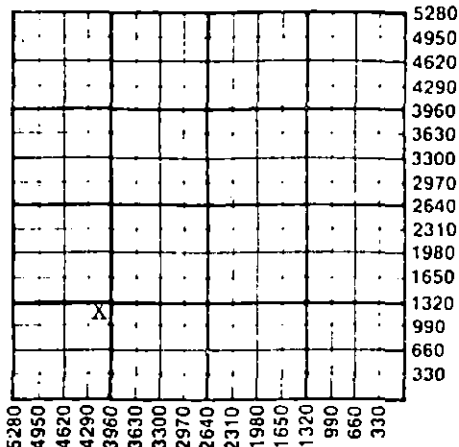
Contractor: License # 6033
Name Murfin Drilling Company

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

Section Plat



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: Hauled.
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 local landowner.
(purchased from city, R.W.D. #)

WELL HISTORY
Drilling Method:
 Mud Rotary Air Rotary Cable
8-19-87 8-22-87 10-15-87
Spud Date Date Reached TD Completion Date
2720' 2,675'
Total Depth PBTD
8-5/8" @ 424' 424
Amount of Surface Pipe Set and Cemented at.....feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from...2,712...feet depth to surf...w/...585...cmt
Cement Company Name Halliburton
Invoice # 584779

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 [Signature]

Title Manager/Engineering & Production Date 10/28/87

Subscribed and sworn to before me this 28 day of October 1987
Notary Public Nancy Buckner

Date Commission Expires 4 October 1990

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 COMMISSION Plug Other
(Specify)
NOV 3 1987
Form ACO-1 (5-86)

Sec 20 Twp 25S Rge 36 W

SIDE TWO

Operator Name Plains Petroleum Operating Co. Lease Name Lee Well # 4-I

Sec 20 Twp 25S 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	2,320'	2,666'
Council Grove	2,666'	NA

RELEASED

DEC 12 1988

FROM CONFIDENTIAL

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 1/4"	8-5/8"	24#	424'	Class C	100	Lite 2% CC
production	7-7/8"	5-1/2"	14#	2712'	Class C	410	2% CC
					Class H	175	1/4# floccule .1% CFR2
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	2322-28'; 2348-60'; 2367-73'; 2399-401'			3600 gals 7 1/2% NE acid		2323-570' OA	
6	2407-27'; 2446-56'; 2460-96'; 2506-51'; 2562-72'			98,500 gals gel; 270,500# 12/20 sd		2323-570' OA	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
None							
Date of First Production		Producing Method					
10-13-87		<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	
-		-0- Bbls	768 MCF	-0- Bbls	-- CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 2,322-2,572' OA
 Used on Lease Dually Completed
 Commingled