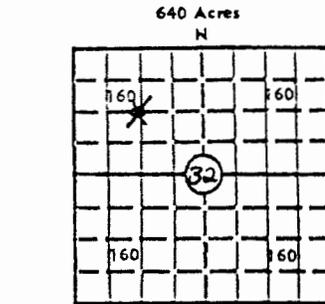


Loc. C NW  
County Hamilton



Locate well correctly  
Elev.: Gr. 3304  
DF \_\_\_\_\_ KB \_\_\_\_\_

KANSAS DRILLERS LOG

API No. 15 — 075 — 20,332  
County Number

Operator  
Ladd Petroleum Corporation

Address  
830 Denver Club Bldg., Denver, CO 80202

Well No. 3231-B Lease Name HCU

Footage Location  
1320 feet from (N) (S) line 1320 feet from (E) (W) line

Principal Contractor Lakin Drilling Geologist

Spud Date 9/18/80 Total Depth 2435' P.B.T.D.

Date Completed 10/26/80 Oil Purchaser

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Socks	Type and percent additives
surface	12 1/4"	8-5/8"	24#	234'	Cl "H"	175	3% CaCl
production	7-7/8"	4 1/2"	9.5#	2434'	Cl "H"	400	4 1/2% pre-hydra 1/4# flocele
					tailed 50/50 Poz 150		18% salt + 1/4# flo- cele + .75% CFR-2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth interval
			2		2330-34', 38-42'

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8" EUE	2360'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidize w/500 gals 15% HCl w/additives	perfs
Frac w/17,000 gal 2% KCl w/12,000# 20-40 sand	"

INITIAL PRODUCTION

Date of first production \_\_\_\_\_ Producing method (flowing, pumping, gas lift, etc.)  
Flowing

RATE OF PRODUCTION PER 24 HOURS  
Oil \_\_\_\_\_ bbls. Gas 106 MCF Water \_\_\_\_\_ bbls. Gas-oil ratio \_\_\_\_\_ CFPB

Disposition of gas (vented, used on lease or sold) SI Producing interval (s) 2330-34, 38-42' (Winfield)

NOTICE: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be trans-

PI

Laad Petroleum Corporation

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No.

Lease Name

3231-B

HCU

S 32 T 23 R 41 <sup>F</sup>W

WELL LOG

Show all important zones of porosity and contents thereof; cased intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.

TOP

BOTTOM

NAME

DEPTH

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

*Michael A. Wenzel*

Signature

Production Engineer

Title

1/7/81

Date

Sub

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 # 05236  
Name Plains Resources Inc.  
Address 1601 NW Expressway  
Oklahoma City, Ok 73118  
City/State/Zip

Purchaser KN Energy, Inc.

Operator Contact Person Bob Rielly  
Phone 405/842-2008

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
9/18/80 9/21/80 10/26/80  
Spud Date Date Reached TD Completion Date  
2435 2434  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 234 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 HOWCO  
Invoice # 809659

API NO. 15-075-20,332  
County Hamilton  
G NW Sec 32 Twp 23 Rge 41 East West  
3960 Ft North from Southeast Corner of Section  
3960 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

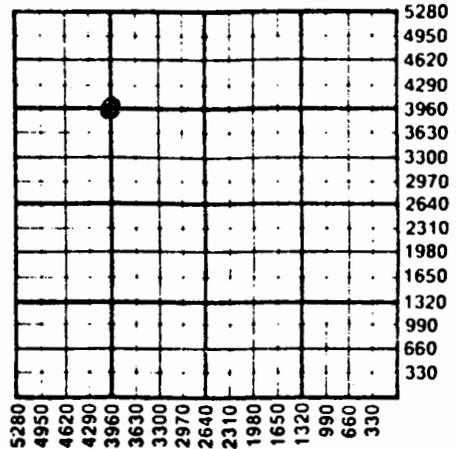
Lease Name HCU Well # 3231-B

Field Name Bradshaw

Producing Formation Winfield

Elevation: Ground 3304 KB

Section Plat



RECEIVED  
STATE CORPORATION COMMISSION

APR 25 1988

CONSERVATION DIVISION  
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket # CD-12774  Repressuring

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 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 Robert J. Rielly

Title Petroleum Engineer Date 4/20/88

Subscribed and sworn to before me this 20th day of April 1988

Notary Public James Cooley Goodwin

Date Commission Expires 9-10-90

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)

KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH

APR 27 1988

Sec... Twp... Rge...

SIDE TWO

Operator Name Plains Resources Inc. Lease Name HCU Well # 3231-B

Sec. 32 Twp. 23 Rge. 41  East  West County Hamilton

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
Salt	1730	1851
anhydrite	1851	1867
sh. & anhy	1867	2055
lime & sh	2055	2435
Winfield	2328	TD

CASING RECORD  New  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#	234	"H"	175	3% CsCl
production	7-7/8	4-1/2"	9.5#	2434	Pox. & H	550	18% salt 14# sk flocele

PERFORATION RECORD  
 Shots Per Foot | Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth

2	2338-2342	500 gal. 15% acid	
2	2330-2334	17000 gal. KCL w/ 12000 20/40 sand	

TUBING RECORD Size 2-3/8" Set At 2360 Packer at \_\_\_\_\_ Liner Run  Yes  No

Date of First Production 5/20/81 Producing Method  Flowing  Pumping  Gas Lift  Other (explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	-0-Bbls	106 MCF	90 Bbls	NA	CFPB

METHOD OF COMPLETION

Production Interval

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

2338-2342  
2330-2334