

SIDE ONE

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 P.O. Box 15278
Lakewood, CO 80215

Purchaser KN Energy, Inc.

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

Contractor: License # 5382
Name Cheyenne Drilling

Wellsite Geologist -NA-
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 OWNQ: old well info as follows:
Operator,
Well Name,
Comp. Date, Old Total Depth.....

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

1-31-89, 2-3-89, 4-25-89,
Spud Date Date Reached TD Completion Date

2770', 2712',
Total Depth PBTD

8 5/8" @ 1558'
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.....feet depth to.....w/.....SX cmt
Cement Company Name,
Invoice #

Alt

API NO. 15-093-20,967-0000
County Kearny
SW NE NE Sec. 25 Twp. 24S Rge. 36 East
..... West

4030 Ft North from Southeast Corner of Section
1250 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Esfeld Well # 1-1

Field Name Hugoton *Hugoton Gas Area*

Producing Formation Chase

Elevation: Ground 2979' 2988'
.....KB.....

Section Plat

| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|
| | | | | | | | | | | 5280 | | | | | |
| | | | | | | | | | | 4950 | | | | | |
| | | | | | | | | | | 4620 | | | | | |
| | | | | | | | | | | 4290 | | | | | |
| | | | | | | | | | | 3960 | | | | | |
| | | | | | | | | | | 3630 | | | | | |
| | | | | | | | | | | 3300 | | | | | |
| | | | | | | | | | | 2970 | | | | | |
| | | | | | | | | | | 2640 | | | | | |
| | | | | | | | | | | 2310 | | | | | |
| | | | | | | | | | | 1980 | | | | | |
| | | | | | | | | | | 1650 | | | | | |
| | | | | | | | | | | 1320 | | | | | |
| | | | | | | | | | | 990 | | | | | |
| | | | | | | | | | | 660 | | | | | |
| | | | | | | | | | | 330 | | | | | |
| 5280 | 4950 | 4620 | 4290 | 3960 | 3630 | 3300 | 2970 | 2640 | 2310 | 1980 | 1650 | 1320 | 990 | 660 | 330 |

5-24-89

RECEIVED
STATE CORPORATION COMMISSION
MAY 24 1989
CONSERVATION DIVISION
Wichita, Kansas

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: Purchased from landowner.
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 landowner
(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 Jeffrey E. Carlson
Title Manager - Drilling & Production Date 5-22-89

Subscribed and sworn to before me this 22 day of May
1989.
Notary Public Denise Buckner
Date Commission Expires 14 October 1990

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

5-24-89

Form ACO-1 (5-86)

Sec 25 Twp 24 Rge 36

SIDE TWO

Operator Name Plains Petroleum Operating Co. Lease Name Esfield Well # 1-I

Sec. 25 Twp. 24S 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 | 2361' | 2671' |
| Council Grove | 2671' | -NA- |

| 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 1/2" | 8-5/8" | 24# | 1558 | C Lite | 515 | 2% CC, 1#/sk |
| Production | 7-7/8" | 5 1/2" | 14# | 2765' | C Prem C Lite C Prem | 150 375 125 | 2% CC, 1#/sk .4% Halad 322, 1#/sk .4% Halad 322, 1#/sk |
| 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 | 2361-76', 2389-429', 2449-75', 2491-551', 2559-600', 2608-27' | | | 3360 gal 7 1/2% FE acid 103,320 gal 4F130 gel 270,700# 10/20 Brady sd | | 2364-624' | |
| TUBING RECORD | | | | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| -NA- | | | | | | | |
| Date of First Production | | Producing Method | | | | | |
| 4-18-89 | | <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 | |
| -- Bbls | | 1371 | MCF | -- Bbls | -- | CFPB | -- |

flocele
flocele
1%CFR2
1#/sk
flocele

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation Sold Other (Specify) 2361-2627' OA
 Used on Lease Dually Completed Commingled

DRILLERS LOG

PLAINS PETROLEUM OPERATING CO.
 ESFELD #1-1
 SECTION 25-T24S-R36W
 KEARNY COUNTY, KANSAS

COMMENCED: 01-31-89
 COMPLETED: 02-04-89

SURFACE CASING: 1558' OF 8 5/8"
 CMTD W/515 SX LITE "C", 2% C.C.
 1/4# FLOCEL, TAILED IN W/150 SX
 "C", 2% C.C., 1/4#/SX FLO-CEL

| FORMATION | DEPTH |
|--------------|---------------|
| SURFACE HOLE | 0-1558 |
| SHALE | 1558-2070 |
| LIME & SHALE | 2070-2770 RTD |

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

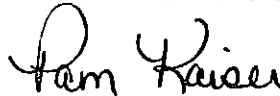


A. J. JACQUES

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 6TH DAY OF FEBRUARY, 1989.

PAM KAISER
 NOTARY PUBLIC
 STATE OF KANSAS
 MY APPT. EXPIRES 3-5-91



PAM KAISER, NOTARY PUBLIC

RECEIVED
 STATE CORPORATION COMMISSION

FEB 9 1989

CONSERVATION DIVISION
 Wichita, Kansas