

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY  
CORRECTED 11/8/84  
DESCRIPTION OF WELL AND LEASE

Operator: license # 6230  
name First National Oil, Inc.  
address 23 East 11th  
City/State/Zip Liberal KS 67901

Operator Contact Person Montgomery A. Escue  
Phone (316) 624-1664

Contractor: license # Unknown  
name KenCope Energy Companies

Wellsite Geologist None  
Phone  
Purchaser Northern Natural Gas Company

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 Kennedy & Mitchell  
Well Name Colburn #13-91  
Comp. Date P&A Old Total Depth

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
7/31/82 8/2/82 9/2/82  
Spud Date Date Reached TD Completion Date

2578 N.A.  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 1450 feet

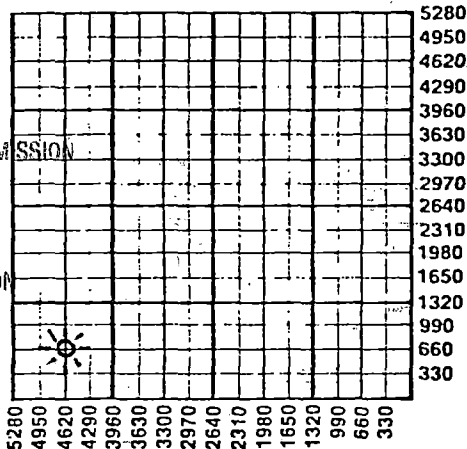
Multiple Stage Cementing Collar Used?  Yes  No  
If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated from feet depth to w/ SX cmt

API NO. 15 - 175-20,328-00-01  
County Seward  
Sw Sw (location) Sec 17 Twp 33S Rge 32 East West  
660 Ft North from Southeast Corner of Section  
4620 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

Lease Name Colburn Well# 13-91  
Field Name Hugoton  
Producing Formation Krider - Chase Group  
Elevation: Ground 2602 KB 2613

Section Plat



RECEIVED  
STATE CORPORATION COMMISSION  
NOV 09 1984  
11-9-84  
CONSERVATION DIVISION  
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit # None  
 Groundwater Ft North From Southeast Corner and Ft. West From Southeast Corner of Sec Twp Rge East West  
 Surface Water Ft North From Southeast Corner and Ft West From Southeast Corner Sec Twp Rge East West  
 Other (explain) Water hauled in by Rosel Fluid Svc. (purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring  
No water produced  
Docket #

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. Rules 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 [Handwritten Signature]  
Title District Supervisor Date 11/8/84

Subscribed and sworn to before me this 11 day of November 19 84

Notary Public Chelsey A. Rodgers  
Date Commission Expires 10/18/88

CHELEY A. RODGERS  
Seward County, Kansas  
My Appl. Exp. 10/18/88

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)

Form ACO-1  
(This form supercedes previous forms ACO-1 & C-10)

Sec 17 Twp 33 Rge 32

Operator Name First National Oil, Inc. Lease Name Colburn Well# 13-91 SEC. 17 TWP. 33S RGE. 32  East  West  
County: \_\_\_\_\_

**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 \_\_\_\_\_

Re - entry - Kennedy & Mitchell #13-91 D&A  
 Temporarily completed 11/9/77  
 API #15-175-20328

Log: Nuclear Log - 1400-2568

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" **		1450	** Surface csg. previously set		
Production	7 1/2"	4 1/2"		2578	50/50 poz	120	1.8% salt; 12% Gilsonite; 3/4% CFR-2

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	2413-2424	Nitrogen 3288 scf/m 1000 gal Hcl 10%	2413-2424
4	2446-2456	70% quality foam	
4	2464-2468	25,000 gals 70% quality foam; 7500 gals 3% gelled acid; 3800# 20-40 sd 75 sealing balls	2446-2456

<b>TUBING RECORD</b> size <u>2 3/8"</u> set at <u>2407</u> packer at <u>none</u> Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First Production _____ Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input checked="" type="checkbox"/> Other (explain) <u>SI</u>
Estimated Production Per 24 Hours <b>Oil</b> <u>None</u> Bbls <b>Gas</b> <u>301</u> MCF <b>Water</b> <u>0</u> Bbls <b>Gas-Oil Ratio</b> <u>N.A.</u> <b>Gravity</b> <u>CFPB</u>

**Disposition of gas:**  vented  sold  used on lease  
**METHOD OF COMPLETION**  open hole  perforation  other (specify) Shut-in  
 Dually Completed.  Commingled

**PRODUCTION INTERVAL** 2413-2468