

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 # 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 PBTD

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 - 15-175-20,328-00-01

County Seward

SWSW Sec 17 Twp 33S Rge 32 East West

655.3 Ft North from Southeast Corner of Section
710.3 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

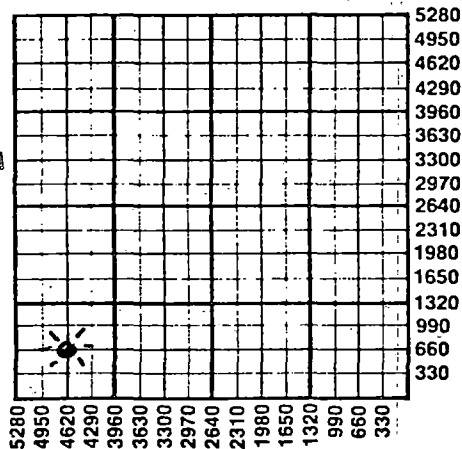
Lease Name Colburn Well# 13-91

Field Name Hugoton

Producing Formation Krider - Chase Group

Elevation: Ground 2602 KB 2613

Section Plat



RECEIVED
OCT 9 1984
10-9-84
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit # None

Groundwater Ft North From Southeast Corner and
(Well) Ft West From Southeast Corner of
Sec Twp Rge East West

Surface Water Ft North From Southeast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner
Sec Twp Rge East West

Other (explain) Water hauled in by Rosel Fluid
(purchased from city, R.W.D.#) SVC.

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 *Montgomery A. Escue*
Title District Supervisor Date 10/4/84

Subscribed and sworn to before me this 4th day of October 1984

Notary Public Cheley A. Rodgers
Date Commission Expires 10/1/84

CHELEY A. RODGERS
Seward County, Kansas
My Appt. Exp. 10/1/84

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. 33S Rge. 32W

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	18% Salt; 12-1/2% 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%			2413-2468
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.			2413-2468
TUBING RECORD				Liner Run			
size <u>2 3/8"</u> set at <u>2407</u> packer at <u>None</u>				<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	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	None Bbls	301 MCF	0 Bbls	N. A.	CFPB		

DISPOSITION OF GAS: vented sold used on lease

METHOD OF COMPLETION: open hole perforation other (specify) Shut in

PRODUCTION INTERVAL: 2413-2468

Dually Completed. Commingled