

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 # 4456  
Name FMP Operating Company  
Address P. O. Box 15640  
City/State/Zip Lakewood, Colorado 80215

Purchaser: K N Energy, Inc.

Operator Contact Person Steve P. Hoppe  
Phone (303) 987-9512

Contractor: License # 9187  
Name Western Well Drilling

Wellsite Geologist: None  
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 OWWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
11/13/85 11/15/85 02/26/86  
Spud Date Date Reached TD Completion Date  
1525' 1506'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 321 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set. feet  
If alternate 2 completion, cement circulated from 321 feet depth to Surface/78 SX cmt

API NO. 15-023-20,241-00-00  
County: Cheyenne  
SE SE 32 3 41 East  
Sec. Twp. Rge. XXX West

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

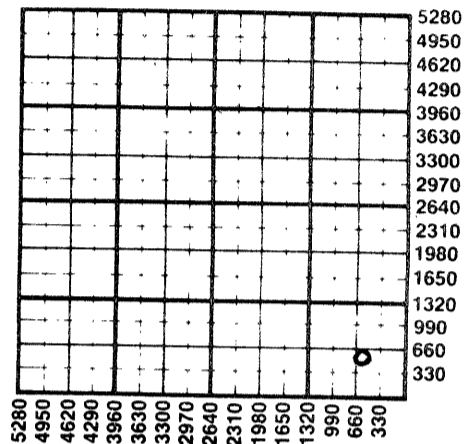
Lease Name: Zweggardt Well #: 2-32

Field Name: Rueb Cherry Creek Niobrara Area

Producing Formation: Niobrara

Elevation: Ground 3571' KB 3576'

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:  
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) City of St. Francis, Kansas (purchased from city, R.W.D. #)

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. Rule 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: Steve P. Hoppe

Title: Drilling & Production Engineer Date: 2/28/86

Subscribed and sworn to before me this 28th day of February 1986

Notary Public: Judith P. Yarnall

Date Commission Expires: 8-23-87

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)

3-10-86

MAR 10 1986

Sec. 32 Twp. 3 Rge. 41W

SIDE TWO

Operator Name ..... FMP Operating Company ..... Lease Name..... Zweygartd ..... Well #..... 2-32  
 Sec..... 32 ..... Twp..... 3S ..... Rge..... 41 .....  East  West ..... County..... Cheyenne .....

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
Niobrara (Beecher Island Zone)	1338'	1379'

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	9-7/8"	7"	17	321'	Reg	78	3% CaCl
Production	6-1/4"	4 1/2"	9.5	1516'	50-50 PDZ	75	2% Gel
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2	1340'-78'			462 bbls gelled water 100,000# 10/20 sand 60 tons CO <sub>2</sub>		1340'-78'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
None							
Date of First Production	Producing Method						
WOPL	<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	CAOF 1344 MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas:  vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 1340'-78'  
 Used on Lease  Dually Completed .....  
 Commingled

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API NO. 15-023-20,241-00-00

County Cheyenne  
SE SE Sec 32 Twp 3 Rge 41  East  West

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

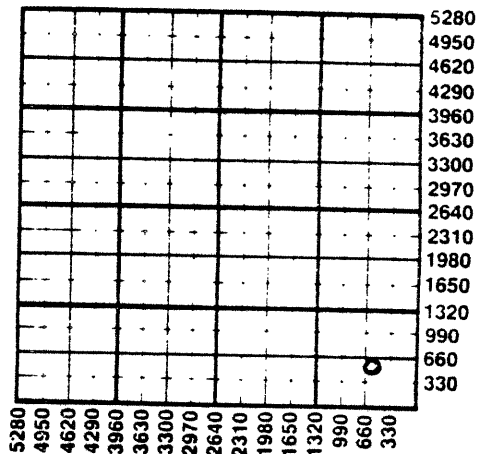
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Field Name ~~Reeb~~ CHERRY CREEK NIOBRARA

Producing Formation Niobrara

Elevation: Ground 3571' KB 3576'

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Signature Steve P. Hoppe  
Title Drilling & Production Engineer Date 2/28/86

Subscribed and sworn to before me this 28th day of February 1986  
Notary Public  
Date Commission Expires 02-28-87

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Time-log Received  
Distribution  
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 KGS  Plug  Other  
(Specify)

Sec 28 Twp 3 Rge 41E

SIDE TWO

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TUBING RECORD			
Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
None			

Date of First Production	Producing Method
WOPL	<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....

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