

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND TESTS

API NO. 15- 119-208860000 **ORIGINAL**  
County Meade  
NE NE NE Sec. 2 Twp. 34S Rge. 30 X <sup>E</sup> <sub>W</sub>

**CONFIDENTIAL**

Operator: License # 9534

965' Feet from S (N) (circle one) Line of Section

Name: Giant Exploration & Production Co

150' Feet from (E/W) (circle one) Line of Section

Address P.O. Box 2810

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

2200 Bloomfield Highway

Lease Name Novinger South Well # 3

City/State/Zip Farmington, NM 87499

Field Name N/A

Purchaser: Panhandle Eastern Pipeline

Producing Formation Novinger

Operator Contact Person: Jeffrey R. Vaughan

Elevation: Ground 2674' KB 2685'

Phone (505) 326-3325

Total Depth 5309' PBTD 5309'

Contractor: Name: Murfin Drilling Co, Inc.

Amount of Surface Pipe Set and Cemented at 1495' Feet

License: 30606

Multiple Stage Cementing Collar Used? X Yes      No

Wellsite Geologist: Dave Clark

If yes, show depth set 3336' Feet

Designate Type of Completion

If Alternate II completion, cement circulated from N/A

X New Well      Re-Entry      Workover

feet depth to      w/      sx cat.

X Oil      SWD      S10W      Temp. Abd.

     Gas      ENHR      S16W

     Dry      Other (Core, WSW, Expl., Cathodic, etc)

Drilling Fluid Management Plan ALT 1 2/ 12-20-94  
(Data must be collected from the Reserve Port)

If Workover/Re-Entry: old well info as follows:

Chloride content      ppm Fluid volume 0 bbls

Operator:     

**RELEASED**

Dewatering method used Natural Evaporation

Well Name:     

Location of fluid disposal if hauled offsite:

Comp. Date      Old Total Depth     

**AUG 1 8 1995**

     Deepening      Re-perf.      Conv. to Inj/SWD

     Plug Back      **FROM CONFIDENTIAL**

     Commingled      Docket No.     

     Dual Completion      Docket No.     

     Other (SWD or Inj?) Docket No.     

Operator Name N/A

Lease Name      License No.     

     Quarter      Sec.      Twp.      S. Rng.      E/W

06/04/94 06/15/94 06-21-94

Spud Date      Date Reached TD      Completion Date     

County      Docket No.     

**JUL 27 1994**  
**CONFIDENTIAL**

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 *PRW*  
Title Vice President Operations Date 07/28/94

Subscribed and sworn to before me this 28<sup>th</sup> day of July, 19 94.

Notary Public Paula M. King

Date Commission Expires 08-09-97

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	NGPA	<input type="checkbox"/> Plug
<input type="checkbox"/>	Other	<input type="checkbox"/> (Specify)

RECEIVED  
STATE CORPORATION COMMISSION

**AUG 01 1994**

Operator Name Giant Exploration & Production Lease Name Novinger South Well # 3  
 Sec. 2 Twp. 34S Rge. 30  East  West  
 County Meade

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Wreford	3061'	-376'
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Council Grove	3168'	-483'
List All E. Logs Run:		Heebner	4428'	-1743'
		Toronto	4450'	-1765'
		Lansing	4596'	-1911'
		Kansas City 'A'	5066'	-2381'
		Kansas City 'B'	5102'	-2417'
		Marmaton 'A'	5236'	-2551'
		Novinger	5298'	-2613'
DIL/GR, Neutron/Density, Microlog, Sonic				

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
Conductor	36"	20"	54#	85'	Ready Mix	11.5 yds	N/A
Surface Casing	12-1/4"	8-5/8"	24#	1494.81'	Premium HLC Premium Plus	510 150	2% CaCl 2% CaCl
Production Casing	7-7/8"	5-1/2"	15.5#	5297'	Hal. Premium Plus	180 110	7# Cal-Seal 15% Salt, 5# Gilsonite 2% CaCl

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	N/A	N/A	

TUBING RECORD		Size	Set At	Packer At	Liner Run			
		2-3/8"	5303'	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First, Resumed Production, SUD or Inj.				Producing Method				
06/30/94				<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	57		77		14		1351 SCF/bbl	39° API

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval: 5304' - 5309'