

SIDE ONE

ORIGINAL

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

API NO. 15- 151-21,991-0050

County Pratt ✓

C SW NW Sec. 22 Twp. 29 Rge. 13 East West

3300 ✓ Ft. North from Southeast Corner of Section

4620 ✓ Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

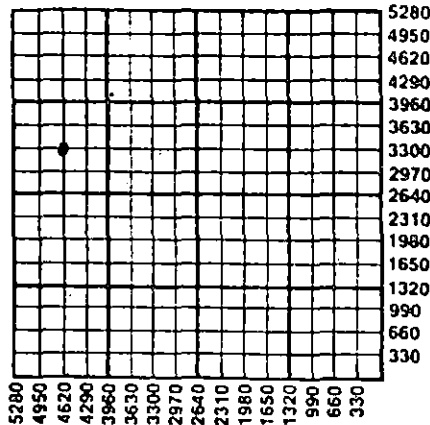
Lease Name Novotny ✓ Well # 1-22

Field Name _____

Producing Formation Viola

Elevation: Ground 1911 KB 1919

Total Depth 4655 PBDT _____



Amount of Surface Pipe Set and Cemented at 863 Feet

Multiple Stage Cementing Collar Used? _____ Yes _____ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Operator: License # 6166

Name: Bill Chew, Inc.

Address P.O. Box 90

City/State/Zip Lyons, KS 67554

Purchaser: Texaco Trading & Transportation

Operator Contact Person: Bill Chew

Phone (316) 257-5587

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Dean Pattisson RECEIVED STATE CORPORATION COMMISSION

Designate Type of Completion

- New Well Re-Entry Workover
- Oil SMD Temp. Abs.
- Gas Inj Delayed Comp.
- Dry Other (Core, Water Supply, etc.)

JUL 10 1990
7-9-90
CONSERVATION DIVISION
Wichita, Kansas

If OLD: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

- Mud Rotary Air Rotary Cable

05-17-90 5-26-90 6-22-90

Spud Date Date Reached TD Completion Date

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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.

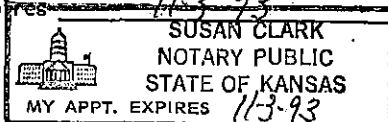
Signature Bill Chew

Title President Date 7/7/90

Subscribed and sworn to before me this 17 day of July 19 90.

Notary Public Susan Clark

Date Commission Expires 11-3-93



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)

PIX

ORIGINAL

SIDE TWO

Operator Name Bill Chew, Inc. Lease Name Novotny Well # 1-22

Sec. 22 Twp. 29 Rge. 13 East West
County Pratt

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	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample Name Top Bottom Viola 4513 4608
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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 1/4"	8-5/8"	24#	863'	60/40poz	475	2% gel 3%cc
Production	7-7/8"	4 1/2"		4636'	50/50poz	125	5#Gilsonite/sx

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	4521-4531	4,500 gal 15% NE	4521-4531

TUBING RECORD	Size <u>2 3/8</u>	Set At <u>4600</u>	Packer At <u>none</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First Production 6-22-90 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls. <u>15</u>	Gas Mcf <u>0</u>	Water Bbls. <u>0</u>	Gas-Oil Ratio	Gravity <u>40</u>
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Production Interval _____

ORIGINAL

DST #1

Test Interval: 4352'-4406'
Formation: Marmaton
Tool Interval: 30"-60"-60"-60"
IHP: 2181#
IFP: 53-53#
ISIP: 90#
FFP: 69-69#
FSIP: 69#
FHP: 2129# (office readings)

DST #2

Test Interval: 4406'-4475'
Formation: Mississippi Chert
Tool Interval: 30"-60"-60"-60"
IHP: 2220#
IFP: 56-56#
ISIP: 133#
FFP: 67-67#
FSIP: 104#
FHP: 2211# (office readings)

DST #3

Test Interval: 4512'-4540'
Formation: Viola "B" zone
Tool Interval: 60"-60"-60"-60"
IHP: 2275#
IFP: 77-77#
ISIP: 911#
FFP: 99-99#
FSIP: 766#
FHP: 2238# (office readings)

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CONSERVATION DIVISION
Wichita, Kansas