

SIDE ONE

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

API NO. 15- 175-21,096 - 0000
County Seward
NE SW SW Sec. 18 Twp. 33S Rge. 34 East
1250 Ft. North from Southeast Corner of Section
3980 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
Lease Name Brollier "H" Well # 1H
Field Name Hugoton *Shuck*
Producing Formation Chase
Elevation: Ground 2928.4 KB NA
Total Depth 2897 PBDT 2882

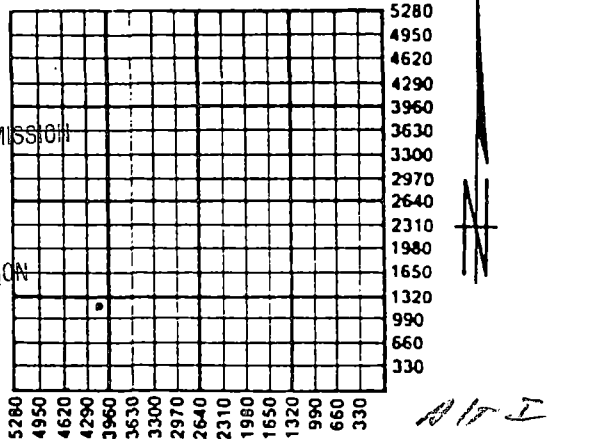
Operator: License # 5598
Name: APX CORPORATION
Address P.O. Box 351
City/State/Zip Liberal, KS 67905-0351
Purchaser: Panhandle Eastern Pipeline Co.
(Transporter)
Operator Contact Person: M. L. Pease
Phone (316) 624-6253
Contractor: Name: Gabbert-Jones, Inc.
License: 5842
Wellsite Geologist: NA

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If **OWO**: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable
8/15/89 8/18/89 12/2/89
Spud Date Date Reached TD Completion Date

RECEIVED
STATE CORPORATION COMMISSION
JAN 23 1990
CONSERVATION DIVISION
Wichita, Kansas

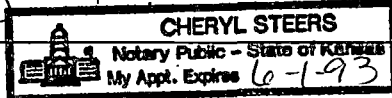


Amount of Surface Pipe Set and Cemented at 583 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

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 *Beverly J. Williams*
Beverly J. Williams
Title Engineering Technician Date 1-12-90
Subscribed and sworn to before me this 12th day of January,
1990.
Notary Public *Cheryl Steers*
Date Commission Expires _____



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)

f p1

SIDE TWO

Operator Name APX CORPORATION Lease Name BROLLIER "H" Well # 1H
 Sec. 18 Twp. 33S Rge. 34 East County Seward
 West

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr> <td>Blaine</td> <td>1022</td> <td>1098</td> </tr> <tr> <td>Cedar Hills</td> <td>1174</td> <td>1350</td> </tr> <tr> <td>Stone Corral</td> <td>1646</td> <td>1712</td> </tr> <tr> <td>Chase</td> <td>2596</td> <td>Not Logged</td> </tr> <tr> <td>Council Grove</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>TD</td> <td></td> <td>2897</td> </tr> </tbody> </table>	Name	Top	Bottom	Blaine	1022	1098	Cedar Hills	1174	1350	Stone Corral	1646	1712	Chase	2596	Not Logged	Council Grove	NA	NA	TD		2897
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Chase	2596	Not Logged																					
Council Grove	NA	NA																					
TD		2897																					
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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No																						

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 1/4	8 5/8	24.0	583	25/75 Poz Common	210	2% CC
Production	7 7/8	5 1/2	14.0	2891	Class C	245	3% CC 20% DCD 10% DCD

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
Shots Per Foot	Specify Footage of Each Interval Perforated	Amount and Kind of Material Used	Depth
2	2707-41	A/1700 gals 15% fe acid. A/ 13,600 gals 50% N ₂ A/3910	2707-41
2	2658-96, 2629-40, 2596-2604	gals 50% N ₂ A/2850 gals 15% fe acid. A/ 22,800 gals 50% N ₂ . A/6555 gals 50% N ₂	2596-2696

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First Production SI, WO SALES	Producing Method <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 Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity
	537 @ 80 psi

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: 2596-2741
O.A.