

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

API NO. 15- 175-20,463-A-0001
County Seward East: _____ West: _____
C SW SE Sec. 22 Twp. 33S Rge. 34 X

Operator: License # 5598

660 Ft. North from Southeast Corner of Section

Name: APX CORPORATION

1980 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Address P.O. BOX 351

Lease Name Cosgrove "A" Well # 4H

City/State/Zip Liberal, Kansas 67905-0351

Field Name Hugoton

Purchaser: Panhandle Eastern Pipe Line Company
(Transporter)

Producing Formation Chase

Operator Contact Person: J. L. Ashton

Elevation: Ground 2906 KB NA

Phone (316) 624-6253

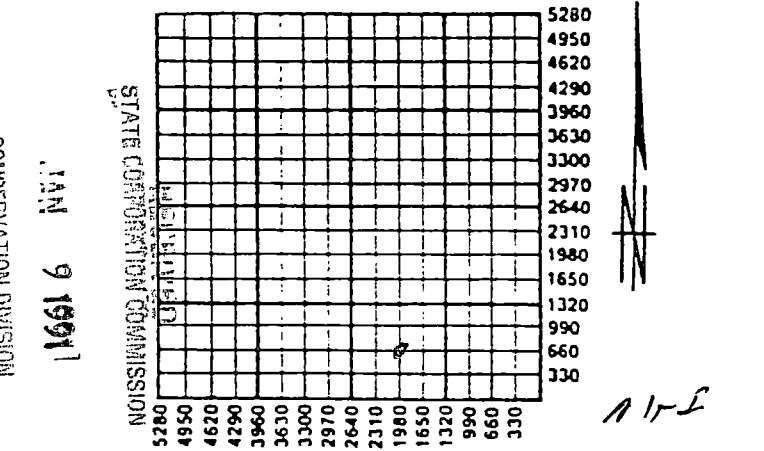
Total Depth 2804 PBDT 2719

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 OWMO: old well info as follows:

Operator: Anadarko Production Company

Well Name: Cosgrove "A" No. 4

Comp. Date 4-20-80 Old Total Depth 6528

Amount of Surface Pipe Set and Cemented at 1693 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

Drilling Method:
 Mud Rotary Air Rotary Cable

9-8-90 9-10-90 12-11-90
Spud Date Date Reached TD Completion Date

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
Title Engineering Technician Date 1-4-91

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)

Subscribed and sworn to before me this 4th day of January, 19 91.

Notary Public Cheryl Steers

Date Commission Expires _____



PI

Operator Name APX CORPORATION Lease Name COSGROVE "A" Well # 4H

Sec. 22 Twp. 33S Rge. 34 East West County Seward

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.

<p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.)</p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run (Submit Copy.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p style="text-align: center;">Formation Description</p> <p style="text-align: center;"><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: center;">Top</th> <th style="text-align: center;">Bottom</th> </tr> </thead> <tbody> <tr><td>Blaine</td><td style="text-align: center;">962</td><td style="text-align: center;">1144</td></tr> <tr><td>Cedar Hills</td><td style="text-align: center;">1144</td><td style="text-align: center;">1632</td></tr> <tr><td>Stone corral</td><td style="text-align: center;">1632</td><td style="text-align: center;">2648</td></tr> <tr><td>Chase</td><td style="text-align: center;">2648</td><td style="text-align: center;">NA</td></tr> <tr><td>Council Grove</td><td style="text-align: center;">NA</td><td style="text-align: center;">NA</td></tr> <tr><td>TD</td><td style="text-align: center;">2804</td><td></td></tr> </tbody> </table> <p style="text-align: center; font-style: italic;">SEE ATTACHED</p>	Name	Top	Bottom	Blaine	962	1144	Cedar Hills	1144	1632	Stone corral	1632	2648	Chase	2648	NA	Council Grove	NA	NA	TD	2804	
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CASING RECORD New 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	1693	Pozmix & Common	800	2% cc
Production	7 7/8	5 1/2	14	2800	Class "C"	205	3% cc 20% DCD 10% DCD

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
2	2724-62	A/15,200 gals 50% N2-28% stable gelled fe acid. A/4320 gals 50% N2-28% fe acid. Sqz perms 2724-62 w/100 sxs Class "H" w/10#/sx Cal Seal, 2% cc. Tail w/30 sxs Class "H" w/.60% Halad 322.
2	2724-36, 2676-2714, 2642-54	A/20,000 gals 50% N2-28% stable gelled fe acid. A/5680 gals 50% N2-28% fe acid.

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First Production SI WO PIPELINE Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	600 Mcfd	Water	Bbls.	Gas-Oil Ratio	Gravity

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: 2642-2736

