

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

API NO. 15- 189-21,383-0000

County STEVENS

NW SE NW Sec. 12 Twp. 32S Rge. 38 X East
3890 Ft. North from Southeast Corner of Section
1390 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Metts A Well # 3H

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3144.8 KB NA

Total Depth 2895 PBTD 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.

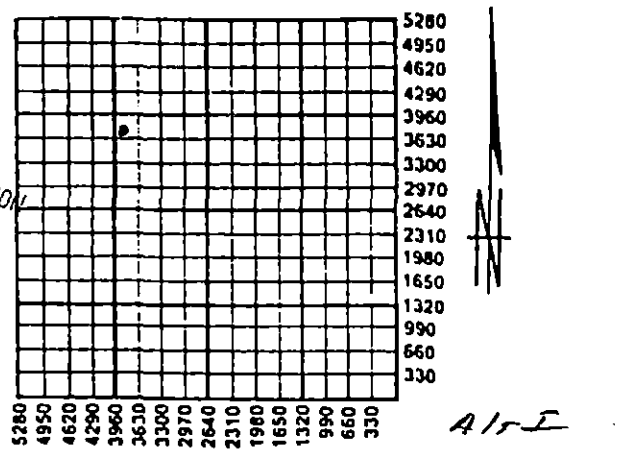
License: 5842
Wellsite Geologist: NA

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

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

Drilling Method:
 Mud Rotary Air Rotary Cable
10-10-89 10-13-89 11-25-89
Spud Date Date Reached TD Completion Date

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CONSERVATION DIVISION
Wichita, Kansas



Amount of Surface Pipe Set and Cemented at 615 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
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
 KEC SWD/Rep NGPA
 KGS Plug Other (Specify)

f p1

SIDE TWO

Operator Name APX Corporation

Lease Name Metts "A"

Well # 3H

Sec. 12 Twp. 32S Rge. 38

East
 West

County Stevens

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 (Attach Additional Sheets.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</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><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Bottom</th> </tr> </thead> <tbody> <tr> <td>Blaine</td> <td>1060</td> <td>1192</td> </tr> <tr> <td>Cedar Hills</td> <td>1240</td> <td>1410</td> </tr> <tr> <td>Stone Corral</td> <td>1682</td> <td>1756</td> </tr> <tr> <td>Chase</td> <td>2494</td> <td>2836</td> </tr> <tr> <td>Council Grove</td> <td>2836</td> <td>NA</td> </tr> <tr> <td>TD</td> <td></td> <td>2895</td> </tr> </tbody> </table> | Name | Top | Bottom | Blaine | 1060 | 1192 | Cedar Hills | 1240 | 1410 | Stone Corral | 1682 | 1756 | Chase | 2494 | 2836 | Council Grove | 2836 | NA | TD | | 2895 |
|--|---|--------|-----|--------|--------|------|------|-------------|------|------|--------------|------|------|-------|------|------|---------------|------|----|----|--|------|
| Name | Top | Bottom | | | | | | | | | | | | | | | | | | | | |
| Blaine | 1060 | 1192 | | | | | | | | | | | | | | | | | | | | |
| Cedar Hills | 1240 | 1410 | | | | | | | | | | | | | | | | | | | | |
| Stone Corral | 1682 | 1756 | | | | | | | | | | | | | | | | | | | | |
| Chase | 2494 | 2836 | | | | | | | | | | | | | | | | | | | | |
| Council Grove | 2836 | NA | | | | | | | | | | | | | | | | | | | | |
| TD | | 2895 | | | | | | | | | | | | | | | | | | | | |

| 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 | 615 | Poz/Comm | 400 | 2% CC |
| Production | 7 7/8 | 5 1/2 | 14.0 | 2890 | Class C | 245 | 3% CC 20% DCD 10% DCD |
| 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 | 2808-34, 2777-87, 2718-51, 2652-2707 2595-2630, 2545-84, 2518-37 | | | BK DWN w/23,700 gal 2% KCL WTR & 543 BS. Frac w/136,600 gal x-linked gelled 2% KCL WTR & 401,700# 12/20 sd | | | 2518-2834 O.A. |
| TUBING RECORD | | | | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | |
| Date of First Production | Producing Method | Size | Set At | Packer At | | | |
| SI WO PIPELINE | <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 | | |
| | | 1630 @ 100# | | | | | |

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

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled

Other (Specify) PERFORATION

Production Interval 2518-2834
O.A.



INVOICE

REMIT TO: P O BOX 201556
HOUSTON TX 77216

9312

556028
ANADARKO PETROLEUM CORP

BOX 351
LIBERAL

KS 67901

APX

| | |
|----------------|-------------------------------|
| INVOICE DATE | 10/11/89 |
| INVOICE NUMBER | 03-12-2043 |
| PAGE | 1 |
| TYPE SERVICE | CEMENTING CEMENT SURFACE C |

| WELL NAME / JOB SITE | STATE | COUNTY / CITY | SERVICE FROM LOCATION | SHIPPED VIA | CUSTOMER P.O. NO./REF. |
|--------------------------|-----------------------|---------------------------------------|-----------------------|-------------|------------------------|
| 0302 030 | KS | STEVENS | ULYSSES KS | DSC 12-T3 | |
| LOCATION / PLANT ADDRESS | DATE OF SERVICE ORDER | CUSTOMER OR AUTHORIZED REPRESENTATIVE | | | |
| 02-12-2043 | 10/10/89 | DAVID GILMORE | | | |

| ITEM CODE | DESCRIPTION | UOM | QTY | UNIT PRICE | AMOUNT |
|-----------|------------------------------|-----|-----|------------|----------|
| 048209000 | 0-1500' CASING CEMENTER | BHR | 1 | 433.0000 | 433.00 |
| 048209001 | ADD'L PER FT BELOW 300' | FT | 320 | .4100 | 131.20 |
| 049102000 | TRANSPORTATION CMNT TON MILE | MI | 467 | .8000 | 373.60 |
| 049100000 | SERVICE CHG CEMENT NATL LAND | CFT | 418 | 1.0000 | 418.00 |
| 059697000 | PACR TREAT ANALYSIS RECORDER | JOB | 1 | 110.0000 | 110.00 |
| 040015000 | D909, CEMENT CLASS H | CFT | 338 | 6.6500 | 2,315.30 |
| 045000000 | D35, LITEPOZ 3 EXTENDER | CFT | 62 | 2.3000 | 142.60 |
| 067005100 | S1, CALCIUM CHLORIDE | LBS | 868 | .3200 | 277.76 |
| 044003025 | D29, CELLOPHANE FLAKES | LBS | 100 | 1.3500 | 135.00 |
| 059200002 | MILEAGE, ALL OTHER EQUIPMENT | MI | 25 | 2.4000 | 60.00 |
| 056704085 | PLUG CENG 0-5/8" TOP AL CORE | EA | 1 | 140.0000 | 140.00 |
| | DISCOUNT - MATERIAL | | | | 903.20- |
| | DISCOUNT - SERVICE | | | | 467.77- |

SUB TOTAL -- 3,198.93
 STATE TAX ON 2,107.46 89.57
 AMOUNT DUE -- 3,208.50

David Gilmore

2194.2041

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CONSERVATION DIVISION
Wichita, Kansas

WITH QUESTIONS CALL 316-356-1272
FEDERAL TAX ID # 30-239-7173

TERMS -- NET 30 DAYS DUE ON OR BEFORE NOV 10, 1989

THANK YOU. WE APPRECIATE YOUR BUSINESS.

Harry A. Kolstad
K J JOHNSTON

GABBERT-JONES
DRILLERS WELL LOG

METS "A" 3H
SEC. 12-32S-38W
STEVENS COUNTY, KS

Commenced: 10-10-89

Completed: 10-13-89

Operator: ANADARKO PETROLEUM CORP.

R-11

| Depth | | Formation | Remarks |
|-------|-----------|-------------------|--|
| From | To | | |
| 0 | 50 | Sand | Ran 15jts of 24# 8 5/8" csg LD @ 615' w/250 sks 25/75 Posmix -2%CC - 1/4# CF - 150sks Common - 3%CC 1/4#CF - PD @ 1:15AM 10-11-89 |
| 50 | 620 | Sand-Redbed | |
| 620 | 1243 | Redbed | |
| 1243 | 1409 | Glorietta Sand | |
| 1409 | 1460 | Redbed | |
| 1460 | 1872 | Redbed-Anhy-Shale | |
| 1872 | 2280 | Shale-Lime | |
| 2280 | 2895 | Lime-Shale | |
| | 2890 - TD | | |
| | | | |

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OCT 23 1989

CONSERVATION DIVISION
Wichita, Kansas

State of Kansas
County of Sedgwick

I, the undersigned, being duly sworn on oath, state
that the above Drillers' Well Log is true and correct
to the best of my knowledge and belief, and according
to the records of this office.

GABBERT-JONES, INC.


James S. Sutton, II -- President

Subscribed & sworn to before me this
16th day of October 1989


Lola Lenore Costa

My Commission expires Nov. 21, 1992

LOLA LENORE COSTA
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 10/21/92