

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 6785
Name Robert Schulein
Address 1776 Lincoln Street, #811
Denver, Colorado 80203
City/State/Zip

Purchaser

Operator Contact Person Robert Schulein
Phone 303-839-5495

Contractor: License # 5302
Name Red Tiger Drilling Company

Wellsite Geologist Macklin Armstrong
Phone 316-722-5141

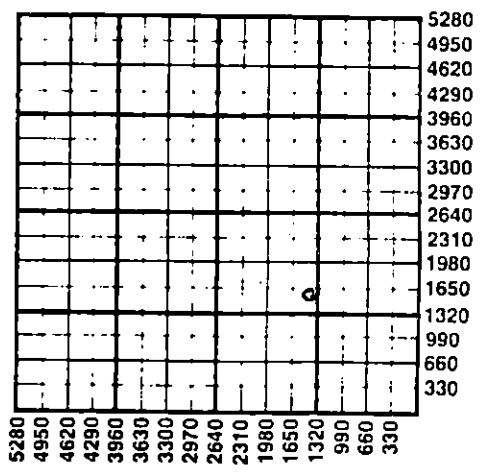
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
4/11/86 4/23/86 5-22-86
Spud Date Date Reached TD Completion Date
5,289'
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 252.84 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set. feet
If alternate 2 completion, cement circulated from. feet depth to. w/. SX cmt

API NO. 15-083-21,249-0000
County Hodgeman
N/2 SE/4 Sec. 9 Twp. 24S Rge. 22W East West
1550 Ft North from Southeast Corner of Section
1410 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)
Lease Name Hermann Well # 9-9
Field Name Melleker North
Producing Formation
Elevation: Ground 2309' KB 2314'
Elevation Section Corrected



WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal Repressuring
Docket #

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit #
 Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge East West
 Surface Water 4200 Ft North from Southeast Corner (Stream, pond etc.) 800 Ft West from Southeast Corner Sec 7 Twp 24S Rge 22 East West
Earl Schaffer, Jetmore, Ks. 67854
 Other (explain)
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. 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 Robert Schulein
Title Owner/Operator Date 5-29-86

Subscribed and sworn to before me this 29th day of May 1986
Notary Public Deanna A. Jensen
1776 Lincoln St., #811, Denver CO 80203
Date Commission Expires July 3, 1988

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)

JUN 02 1986
6-2-86
CONSERVATION DIVISION
Wichita, Kansas

Sec. 9, Twp. 24N, Rge. 22W

SIDE TWO

Operator Name Robert Schulein Lease Name Herrmann Well # 9-9

Sec. 9 Twp. 24S Rge. 22W East
 West County Hodgeman

WELL LOG

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Formation Description <input checked="" type="checkbox"/> Log <input checked="" type="checkbox"/> Sample |
|--|--|

| DST #1: 4597-4670'; Open 30 minutes, weak blow building to strong off bottom of bucket in 14 minutes. Shut-in 60 minutes. Open 60 minutes, weak blow building to strong off bottom of bucket in 20 minutes. Shut-in 90 minutes. Recovered 960' slightly oil and gas cut muddy water (3% oil, 4% gas, 35% mud, 58% water, chl 38,000). IHP 2357; IFP 82-265; ISIP 1091; FFP 302-485; FSIP 1064; FHP 2357; Temp. 118°. | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%">Name</th> <th style="width:15%">Top</th> <th style="width:15%">Bottom</th> <th style="width:40%">Datum</th> </tr> </thead> <tbody> <tr><td>Heebner</td><td>3925</td><td>3920</td><td>(-1606)</td></tr> <tr><td>Toronto</td><td>3948</td><td>3945</td><td>(-1631)</td></tr> <tr><td>Brown Lime</td><td>4012</td><td>4007</td><td>(-1693)</td></tr> <tr><td>Lansing</td><td>4025</td><td>4020</td><td>(-1706)</td></tr> <tr><td>Bs. KC</td><td>4384</td><td>4380</td><td>(-2066)</td></tr> <tr><td>Marmaton</td><td>4405</td><td>4401</td><td>(-2087)</td></tr> <tr><td>Pawnee</td><td>4493</td><td>4491</td><td>(-2177)</td></tr> <tr><td>Ft. Scott</td><td>4548</td><td>4546</td><td>(-2232)</td></tr> <tr><td>Cherokee</td><td>4570</td><td>4570</td><td>(-2256)</td></tr> <tr><td>Mississippian</td><td>4644</td><td>4644</td><td>(-2330)</td></tr> <tr><td>Osage</td><td>4704</td><td>4702</td><td>(-2388)</td></tr> <tr><td>Kinderhook</td><td>4880</td><td>4878</td><td>(-2564)</td></tr> <tr><td>Viola</td><td>5018</td><td>5014</td><td>(-2700)</td></tr> <tr><td>Arbuckle</td><td>5150</td><td>5150</td><td>(-2836)</td></tr> <tr><td>Total Depth</td><td>5289</td><td>5289</td><td>(-2975)</td></tr> </tbody> </table> | Name | Top | Bottom | Datum | Heebner | 3925 | 3920 | (-1606) | Toronto | 3948 | 3945 | (-1631) | Brown Lime | 4012 | 4007 | (-1693) | Lansing | 4025 | 4020 | (-1706) | Bs. KC | 4384 | 4380 | (-2066) | Marmaton | 4405 | 4401 | (-2087) | Pawnee | 4493 | 4491 | (-2177) | Ft. Scott | 4548 | 4546 | (-2232) | Cherokee | 4570 | 4570 | (-2256) | Mississippian | 4644 | 4644 | (-2330) | Osage | 4704 | 4702 | (-2388) | Kinderhook | 4880 | 4878 | (-2564) | Viola | 5018 | 5014 | (-2700) | Arbuckle | 5150 | 5150 | (-2836) | Total Depth | 5289 | 5289 | (-2975) |
|--|--|--------|---------|--------|-------|---------|------|------|---------|---------|------|------|---------|------------|------|------|---------|---------|------|------|---------|--------|------|------|---------|----------|------|------|---------|--------|------|------|---------|-----------|------|------|---------|----------|------|------|---------|---------------|------|------|---------|-------|------|------|---------|------------|------|------|---------|-------|------|------|---------|----------|------|------|---------|-------------|------|------|---------|
| Name | Top | Bottom | Datum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heebner | 3925 | 3920 | (-1606) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Toronto | 3948 | 3945 | (-1631) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brown Lime | 4012 | 4007 | (-1693) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lansing | 4025 | 4020 | (-1706) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bs. KC | 4384 | 4380 | (-2066) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Marmaton | 4405 | 4401 | (-2087) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pawnee | 4493 | 4491 | (-2177) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ft. Scott | 4548 | 4546 | (-2232) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cherokee | 4570 | 4570 | (-2256) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mississippian | 4644 | 4644 | (-2330) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Osage | 4704 | 4702 | (-2388) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kinderhook | 4880 | 4878 | (-2564) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Viola | 5018 | 5014 | (-2700) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Arbuckle | 5150 | 5150 | (-2836) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Depth | 5289 | 5289 | (-2975) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| 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" | 23# | 261.24' | 60/40 Poz | 165 | 3% CC, 2% Gel |
| Production | 7 7/8" | 5 1/2" | 15.5# | 5.199' | Class A | 610 | 1/4# Floseal per sx foamed w/N2; 100 sx 50/50 Pozmix 10% Salt 3/4 of 1% CFR2; 50,000 Cubic Feet Nitrogen |
| PERFORATION RECORD | | | | | | | |
| Shots Per Foot | Specify Footage of Each Interval Perforated | | | (Amount and Kind of Material Used) | Depth | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| TUBING RECORD | | | | | | | |
| Size | Set At | Packer at | Liner Run | | <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| 2-7/8" Arrow plastic lined tension | 5152' | 2-7/8" OD EUE Duroline plastic lined tbg w/5# | 5155' w/17,000# tension. | | | | |
| Date of First Production | Producing Method | | | | | | |
| | <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)..... | | | | | | |
| Estimated Production Per 24 Hours | Oil | Gas | Water | Gas-Oil Ratio | Gravity | | |
| | SWD WELL Injecting approximately 400 BWPD. Kansas Corporation Commission granted temporary approval by letter dated May 22, 1986, Application #D-24,714. | | | | | | |

METHOD OF COMPLETION

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Coningled