

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 # 9232  
Name Timberline Oil & Gas Corporation  
Address 105 E. 8th  
Pratt, Kansas  
City/State/Zip

Purchaser Inland Purchasing and  
Transportation

Operator Contact Person Brant Grote  
Phone (316) 672-9476

Contractor: License # 5138  
Name Cougar Drilling Co., Inc.

Wellsite Geologist Roy Knappe, Jr.  
Phone 303-779-9700

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

9-21-86 9-28-86 1/25/86  
Spud Date Date Reached TD Completion Date  
4335 4185  
Total Depth PBT

Amount of Surface Pipe Set and Cemented at 278 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. 15-151-21,808-0000

County Pratt

SW SW SW Sec 22 Twp 26 Rge 12  East  West

330 Ft North from Southeast Corner of Section  
4950 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

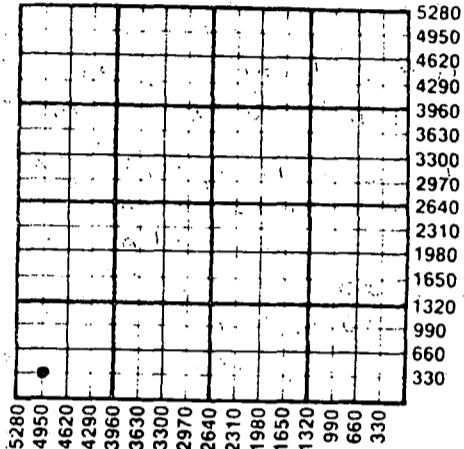
Lease Name Strong Well # 1

Field Name Iuka Carmi

Producing Formation Severy

Elevation: Ground 1911 KB 1921

Section Plat



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 # J-86-328

Groundwater 330 Ft North from Southeast Corner  
4960 Ft West from Southeast Corner of  
Sec Twp Rge  East  West

Surface Water Ft North from Southeast Corner  
Ft West from Southeast Corner  
Sec Twp Rge  East  West

Other (explain)  
(purchased from city, R.W.D. #)

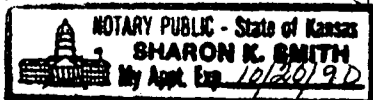
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.

Information on side two of this form will be held confidential for a period of 24 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 [Signature] Title President Date 12/17/86

Subscribed and sworn to before me this 23rd day of December 1986. Notary Public Sharon K. Smith Date Commission Expires 10-20-90



DEC 24 1986 CONSERVATION DIVISION Wichita, Kansas

K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Timelog Received  
Distribution:  KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

Sec 22 Twp 26 Rge 12W

SIDE TWO

Operator Name ..... Timberline Oil & Gas Corp. .... Lease Name... Strong ..... Well #... 1.....

Sec. 22 ..... Twp. 26 ..... Rge. 12 .....  East  West ..... County. Pratt .....

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  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

Dst No. 1 (Simpson) 4246-68  
 Weak blow 10 min., packer seat failure.

Dst No. 2 (Simpson) 4220-68  
 65-30-30-30  
 Weak blow and died in 35 min.  
 Rec. 10' Mud  
 FFP 38 psi  
 ISIP 49 psi  
 FFP 38 psi  
 FSIP 41 psi

| Name     | Top  | Bottom |
|----------|------|--------|
| Severy   | 3123 | 3168   |
| Heebner  | 3503 |        |
| Viola    | 4190 | 4230   |
| Arbuckle | 4320 |        |

| CASING RECORD <input 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#            | 290           | 60/40 Poz.     | 270         | 2% gel. 3% c.c.            |
| Production  | 5 1/2             | 4 3/4                     | 15#            | 4333RB        | 60/40          | Poz 250     | 5% Gilsontite              |

| 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                  | 4256-62 Simpson                             | Acid 500 gal. 15% HCl, Frac. 2000# sand, 1000 BBL x-link KCl     | 4256-62   |
| 2                  | 4191-4201 Viola                             | Acidize 500 gal. 15% HCl   | 4191-4201 |
| 2                  | 3137-47 Severy                              | Acidize 500 gal. 15% HCl, Frac. 2000# sand + 1000 BBL x-link KCl | 3137-47   |

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

Date of First Production \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

| Estimated Production Per 24 Hours | Oil | Gas     | Water    | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----|---------|----------|---------------|---------|
|                                   | IP  | 30 Bbls | TSTM MCF | 150 Bbls      |         |

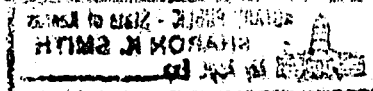
RELEASED  
 JAN 17 1968  
 FROM CONFIDENTIAL

METHOD OF COMPLETION

Production Interval

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

3137-47  
 Severy



15-151-21808-0000



555 N. Woodlawn  
Suite 114  
Wichita, Kansas 67208  
Phone 316 - 685-7677

WELL LOG

OPERATOR: Timberline Oil & Gas Corporation  
105 E. 8th St.  
Pratt, Kansas 67124

LEASE: Strong

LOCATION: SW SW SW Section 22-26-12 Pratt County, Kansas

COMMENCED: 9-21-86  
COMPLETED: 9-28-86

Rotary Total Depth: 4335 KB

| FORMATION DESCRIPTION | TOP  | BOTTOM   |
|-----------------------|------|----------|
| Soil, Sand & Clay     | 0    | 210      |
| Red Bed               | 210  | 295      |
| Red Bed & Shale       | 295  | 980      |
| Shale                 | 980  | 1725     |
| Shale and Lime        | 1725 | 4268     |
| Lime, Shale & Chert   | 4268 | 4270     |
| Shale & Lime          | 4270 | 4335 RTD |

STATE OIL & GAS COMMISSION

DEC 18 1986  
12-18-86

RELEASED

JAN 17 1988

FROM CONFIDENTIAL