

ORIGINAL

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

Operator: License # 9232  
Name: Timberline Oil & Gas Corporation  
Address 4447 S. Canyon Rd., Ste. 1  
City/State/Zip Rapid City, SD 57702  
Purchaser: Kansas Gas Supply  
Operator Contact Person: Brant C. Grote  
Phone (605) 341-3400  
Contractor: Name: Basye Well Service

API NO. 15- 151-21,7420001  
County Pratt  
NE - SE - NE - Sec. 29 Twp. 26S Rge. 12 X<sup>E</sup>  
3630 Feet from S/N (circle one) Line of Section  
330 Feet from E/W (circle one) Line of Section  
Footages: Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)  
Lease Name Knop Well # 13  
Field Name Tuka Carmi  
Producing Formation Toronto  
Elevation: Ground 1913 KB 1923  
Total Depth 4341 PBD 4100  
Amount of Surface Pipe Set and Cemented at \_\_\_\_\_ Feet

Wellsite Geologist: None  
Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abandonment  
 Gas  ENHR  SIGW  
 Dry  Other (Core, USW, Expl., Cathodic, etc)

Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
\_\_\_\_\_ depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cnt.  
Drilling Fluid Management Plan REWORK JH 7-13-94  
(Data must be collected from the Reserve Pit)

If Workover/Re-Entry: old well info as follows:  
Operator: Timberline Oil & Gas Corporation  
Well Name: Knop 13  
Comp. Date 12/12/85 Old Total Depth 4341  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBD  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Inj?) Docket No. \_\_\_\_\_  
2-10-94 2-11-94  
Spud Date OF START Date Reached TD Completion Date OF  
OF WORKOVER WORKOVER

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name \_\_\_\_\_  
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
\_\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W  
County \_\_\_\_\_ Docket No. \_\_\_\_\_

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report 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.

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 2-15-93  
Subscribed and sworn to before me this 15<sup>th</sup> day of February, 19 94.  
Notary Public Trudy K. Steiger  
Date Commission Expires 3/30/96

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

Operator Name Timberline Oil & Gas Corporation Lease Name Knop Well # 13  
 East  West County Pratt

Sec. 29 Twp. 26S Rgs. 12  
 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<br>(Attach Additional Sheets.) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Dates | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey                     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Name   | Top                             |
| Cores Taken   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Toronto  | 3500                            |
| Electric Log Run<br>(Submit Copy.)                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |  |                                 |
| List All E.Logs Run:                                  |   |  |                                 |

| 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 |
|   |                   |                           |                 |               |                |              |                            |
|   |                   |                           |                 |               |                |              |                            |
|   |                   |                           |                 |               |                |              |                            |

| ADDITIONAL CEMENTING/SQUEEZE RECORD  |       |        |                |             |                            |
|--|-------|--------|----------------|-------------|----------------------------|
| Purpose:<br>___ Perforate<br>___ Protect Casing<br>___ Plug Back TD<br>___ Plug Off Zone | Depth |        | Type of Cement | #Sacks Used | Type and Percent Additives |
|  | Top   | Bottom |                |             |                            |
|  |       |        |                |             |                            |
|  |       |        |                |             |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type. Specify Footage of Each Interval Perforated |         | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) |
|----------------|---|---------|--|
|                | 2   | 3510-14 | 400 gal w/fe and LoSurf  |
|                |   |         |  |
|                |   |         |  |

| TUBING RECORD | Size  | Set At | Packer At | Liner Run   |
|---------------|-------|--------|-----------|---|
| 1 7/8         | 2 7/8 | 3948KB |           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

|  |  |
|--|--|
| Date of First, Resumed Production, SWD or Inj. | Producing Method   |
| 2-11-94  | <input 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 |
|                                   | 0         | 150     | 0           |               |         |

|  |  |                     |
|--|--|---------------------|
| Disposition of Gas:  | METHOD OF COMPLETION   | Production Interval |
| <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br>(If vented, submit ACO-18.) | <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled<br><input type="checkbox"/> Other (Specify) _____ | <u>3510-14'</u>     |