

33-8-225

SIDE ONE

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 # 7982 name Fred C. Berckefeldt address 1410 N. 2nd P.O. Box 517 City/State/Zip Fredonia, KS 66736



Operator Contact Person same Phone

Contractor: license # same name

Wellsite Geologist none Phone

PURCHASER Lagas

Designate Type of Completion [X] New Well [ ] Re-Entry [ ] Workover

- [X] Oil [ ] SWD [ ] Temp Abd [X] 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: [X] Mud Rotary [ ] Air Rotary [ ] Cable

8/1/85 8/18/85 9/10/85 Date Date Reached TD Completion Date

1478 Total Depth PBT

Amount of Surface Pipe Set and Cemented at 90 feet

Multiple Stage Cementing Collar Used? [ ] Yes [X] No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated from 90 feet depth to top w/ 50 SX cmt

API NO. 15 - 103-20,440

County Leavenworth

NE SW SW Sec 33 Twp 8 Rge 22

850 Ft North from Southeast Corner of Sect. 4135 Ft West from Southeast Corner of Sect. (Note: locate well in section plat below)

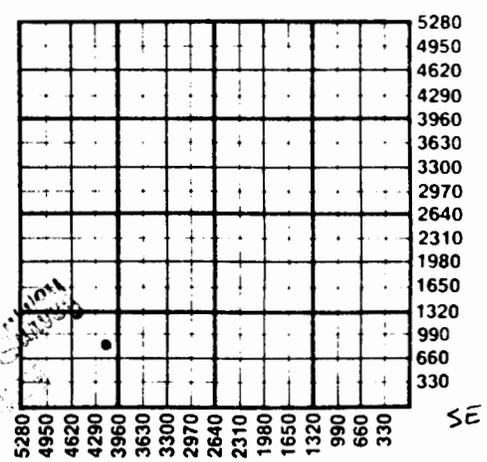
Lease Name Nielson Well# 2

Field Name Nielson

Producing Formation Burgess

Elevation: Ground 1078 KB

Section Plat



Handwritten note: 'Confidential' and 'Production Control' with arrows pointing to the section plat.

WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit # NA

[ ] Groundwater Ft North From Southeast Corner (Well) Ft West From Southeast Corner Sec Twp Rge [ ] East [ ] West

[ ] Surface Water Ft North From Southeast Corner (Stream, Pond etc.) Ft West From Southeast Corner Sec Twp Rge [ ] East [ ] West

[ ] Other (explain) Salt water (purchased from city, R.W.D.#)

Disposition of Produced Water: [ ] Disposal [ ] Repressuring

Docket #

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. Rules 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.

**SIDE TWO**

Operator Name Fred. C. Berckefeldt Lease Name Nielson Well# 2 SEC. 33 TWP. 8 RGE. 22  Eas  Wes

**WELL LOG**

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem test giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached stati level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attac 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

| Name          | Top  | Bottom |
|---------------|------|--------|
| Upper McLowth | 1366 | 1366   |
| Upper Burgess | 1410 | 1410   |
| Lower Burgess | 1424 | 1424   |
| Miss.         | 1440 | —      |

**TUBING RECORD** size 2 3/8 set at 1450' packer at  Liner Run  Yes  No

Date of First Production 12/15/85 Producing method  flowing  pumping  gas lift  Other (explain)

| Estimated Production Per 24 Hours | Oil Bbls | Gas MCF | Water Bbls | Gas-Oil Ratio | Gravity |
|-----------------------------------|----------|---------|------------|---------------|---------|
| ▶                                 | TRACE    | 0       | 40         |               |         |

Disposition of gas:  vented  sold  used on lease  
 METHOD OF COMPLETION:  open hole  perforation  other (specify)  Dually Completed.  Commingled  
 PRODUCTION INTERVAL: 1425.5-1429

**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 longstring | 9 7/8<br>6 1/2    | 7"<br>4 1/2               | 15.50<br>9.0   | 90'<br>1486'  | Portland<br>Portland | 50<br>193    | Opw<br>60/40 Pb<br>2% gal 2% gal |

| shots per foot | PERFORATION RECORD<br>specify footage of each interval perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(amount and kind of material used) |             |
|----------------|---|---|-------------|
|                |   | Depth   |             |
| 4              | 1425.5 - 1429   | Acid 250 gal 7.5% HCL<br>N2 FRAC  | 1425.5-1429 |