

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

API NO. 15- 187-20715

County StantonC. NE SW. Sec. 20 Twp. 30 Rge. 40 X E1980 Feet from (S)N (circle one) Line of Section3300 Feet from (E)W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:  
NE, (SE) NW or SW (circle one)Lease Name Feiertag "B" Well # 1Field Name WildcatProducing Formation NAElevation: Ground 3316' KB 3327'Total Depth 5620' PBTDAmount of Surface Pipe Set and Cemented at 36jts, 1650' FeetMultiple Stage Cementing Collar Used? Yes X No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cnt.

Drilling Fluid Management Plan D&A JH 7-19-94  
(Data must be collected from the Reserve Pit)Chloride content 2000 ppm Fluid volume 1500 bblsDewatering method used Evaporation & Deflocculation

Location of fluid dump if hauled offsite:

Operator Name MAY 6 1996

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

Operator: License # 30444Name: Charter Production CompanyAddress 142 N. MosleyCity/State/Zip Wichita, KS 67202Purchaser: NAOperator Contact Person: Jerald RainsPhone (316) 263-4906Contractor: Name: Zenith Drilling CorporationLicense: 5141Wellsite Geologist: John PruittDesignate Type of Completion  
X New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ APR 6

Oil \_\_\_\_\_ SWD \_\_\_\_\_ SIGW \_\_\_\_\_  
Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW \_\_\_\_\_  
X Dry \_\_\_\_\_ Other (Core, VSW, Expl., Cathodic, etc) \_\_\_\_\_

If Workover/Re-Entry: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

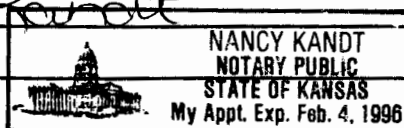
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

\_\_\_\_\_ Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Inj/SWD  
 \_\_\_\_\_ Plug Back \_\_\_\_\_ PBTD  
 \_\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 \_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 \_\_\_\_\_ Other (SWD or Inj?) Docket No. \_\_\_\_\_

1/25/94 2/8/94 2/9/94  
 Spud Date Date Reached TD Completion Date

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 Jerald W. RainsTitle Jerald W. Rains Date 4/6/94described and sworn to before me this 6th day of April, 1994.Notary Public Nancy KandtDate Commission Expires 2-4-96

| K.C.C. OFFICE USE ONLY       |                                                                        |
|------------------------------|------------------------------------------------------------------------|
| F                            | <input checked="" type="checkbox"/> Letter of Confidentiality Attached |
| C                            | <input checked="" type="checkbox"/> Wireline Log Received              |
| C                            | <input checked="" type="checkbox"/> Geologist Report Received          |
| RECEIVED                     |                                                                        |
| STATE CORPORATION COMMISSION |                                                                        |
| KCC                          | Distribution                                                           |
| KCC                          | 1994/Rep                                                               |
| KCC                          | Plug                                                                   |
| APR 07 1994                  |                                                                        |
| NGPA                         |                                                                        |
| Other (Specify)              |                                                                        |
| CONSERVATION DIVISION        |                                                                        |
| Wichita, Kansas              |                                                                        |
| Form ACO-1 (7-91)            |                                                                        |

TOU

Operator Name Charter Production CompanyLease Name Feiertag "B"Well # 1Sec. 20 Twp. 30 Rge. 40☐ East  
☒ WestCounty Stanton

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 rate if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken ☒ Yes ☐ No  
(Attach Additional Sheets.)

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☒ Yes ☐ No  
(Submit Copy.)

List All E.Logs Run:

Sonic, Dual Ind., Neutron, Microlog &  
Geo Log.

PLEASE KEEP ALL INFORMATION CONFIDENTIAL

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

Please see geologist's log.

## 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           | 12 1/4"           | 8 5/8"                    | 24#             | 1605' <sup>KAC</sup><br>1650' <sup>874</sup> | CLC Lite       | 555          | 2% CC                      |
|                   |                   |                           |                 |                                              | CLC            | 750          | 2% CC                      |
|                   |                   |                           |                 |                                              |                |              |                            |

## ADDITIONAL CEMENTING/SQUEEZE RECORD

| Purpose: NA                             | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
|-----------------------------------------|------------------|----------------|-------------|----------------------------|
| <input type="checkbox"/> Perforate      |                  |                |             |                            |
| <input type="checkbox"/> Protect Casing |                  |                |             |                            |
| <input type="checkbox"/> Plug Back TD   |                  |                |             |                            |
| <input type="checkbox"/> Plug Off Zone  |                  |                |             |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth |
|----------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------|
|                |                                                                                           |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |

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

| Date of First, Resumed Production, SWD or Inj. | 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 Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
|-----------------------------------|-----------|---------|-------------|---------------|---------|

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease  
(If vented, submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled  
☐ Other (Specify) \_\_\_\_\_

20-30-40W

ORIGINAL

CONFIDENTIAL

CHARTER PRODUCTION COMPANY  
224 E. DOUGLAS, SUITE 400  
WICHITA, KANSAS 67202  
316-263-4906

RELEASED

FEIERTAG "B" #1  
SECTION 20-30S-40W  
C NE SW  
STANTON COUNTY, KANSAS  
GRIZZLY BEAR PROSPECT

3316' GL  
MAY 6 1996 3327' KB

API #15-187-20713 FROM CONFIDENTIAL

DAILY DRILLING REPORT

1-30-94 7:00 a.m. 3090' OPERATION: DST #1 WT 8.8, VIS 40, CHL 1000 & MCD 2865  
DST #1: 2928'-2963' WABAUNSEE 15"-45"-60"-60"  
RECOVERED: 75' Water Cut Mud (22% W & 78% M) & 120' Salt Water  
Initial Hydrostatic Pressure: 1405# Final Hydrostatic Pressure: 1378#  
First Flow Pressure: 29#-42# Final Flow Pressure: 57#-104#  
Initial Shut In Pressure: 476# Final Shut In Pressure: 444#  
BHT: 96°  
DST #2: 3090'-3105' WABAUNSEE STRADDLE TEST 15"-30"-15"-30"  
RECOVERED: 1' Mud  
Initial Hydrostatic Pressure: 1464# Final Hydrostatic Pressure: 1407#  
First Flow Pressure: 23#-23# Final Flow Pressure: 23#-23#  
Initial Shut In Pressure: 23# Final Shut In Pressure: 23#  
BHT: 98°

2-5-94 7:00 a.m. 5275' OPERATION: DST #3 WT 9.1, VIS 55, CHL 1000 & MCD 8771  
DST #3: 4996'-5276' Mid Morrow Sd 15"-45"-60"-90"  
RECOVERED: 220' GIP, 80' VSGCM (2% Gas & 98% Mud)  
Initial Hydrostatic Pressure: 2406# Final Hydrostatic Pressure: 2379#  
First Flow Pressure: 44#-51# Final Flow Pressure: 55#-59#  
Initial Shut In Pressure: 114# Final Shut In Pressure: 114#  
BHT: 129°

2-7-94 7:00 a.m. 5511' OPERATION: TIH WITH DST #4  
DST #4: 5476'-5490' St Louis Straddle Test 15"-45"-30"-60"  
RECOVERED: 15' MUD  
Initial Hydrostatic Pressure: 2663# Final Hydrostatic Pressure: 2588#  
First Flow Pressure: 21#-21# Final Flow Pressure: 27#-27#  
Initial Shut In Pressure: 1115# Final Shut In Pressure: 686#  
BHT: 131°

2-8-94 DST #5: 5450'-5586' Straddle Test-St Louis 15"-45"-150"-90"  
RECOVERED: 180' DM WITH SCUM OF OIL & 380' MW (20% M & 80% W)  
Initial Hydrostatic Pressure: 2667# Final Hydrostatic Pressure: 2632#  
First Flow Pressure: 67#-90# Final Flow Pressure: 134#-246#  
Initial Shut In Pressure: 1313# Final Shut In Pressure: 1257#  
BHT: 136°

KCC  
APR 6  
CONFIDENTIAL

RECEIVED  
STATE CORPORATION COMMISSION

APR 07 1996

CONSERVATION DIVISION  
Wichita, Kansas