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

MAY 20, 1992

Operator: License # 5058
Name: Griggs Oil, Inc.
Address: 107 N. Market - Suite 800
City/State/Zip: Wichita, Kansas 67202
Purchaser: Koch
Operator Contact Person: Wilber D. Berg
Phone: (316) 267-7779
Contractor: Name: Abercrombie Drilling, Inc.
License: 5422

Wellsite Geologist: Craig Caulk

Designate Type of Completion
X New Well __ Re-Entry ____ Workover

X Oil ______ SUD ___ Temp. Abd. _____
____ Gas ___ Inj ___ Delayed Comp. ___
____ Dry ___ Other (Core, Water Supply, etc.) ___

If OIL/W: old well info as follows:
Operator: __________________________
Well Name: _______________________
Comp. Date: ____________ Old Total Depth __________

Drilling Method:
X Mud Rotary ___ Air Rotary ___ Cable ___

2-12-91 Date Reached TD 2-17-91 Completion Date 2-27-91

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas
Corporation Commission, 200 Colorado
Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule
82-3-130, 82-3-107 and
82-3-106 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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-11 form with all plugged wells. Submit CP-11 form with all temporarily abandoned wells. Any recompletion, workover or
conversion of a well requires filing of ACO-2 within 120 days from commence date of such work.

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: Wilber D. Berg
Title: Prod. Sup't
Date: 4-10-91

Subscribed and sworn to before me this 10th day of April, 1991
Notary Public: Virginia Lee Smith
Date: August 25, 1992

K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
Wireline Log Received
Drillers Time Log Received

Distribution
KCC SWD/Rep NGPA
KGS Plug Other

Form ACO-1 (7-89)
Operator Name: Griggs Oil, Inc.  
Lease Name: Fountain  
Well #: 1-A

Sec.: 4  
Twp.: 7  
Rge.: 23  
County: Graham

Drill Stem Tests Taken: Yes
Cores Taken: No

Formation Description:
- Name: Anhydrite  2067 + 331
- Name: Banhydrite  2101 + 297
- Name: Topekahms  3426 + 1028
- Name: Heebner SH  3630 + 1232
- Name: Toronto LMS  3656 + 1258
- Name: Lansing LMS  3672 + 1274
- Name: B. Knasas City  3865 + 1467
- Name: T.D.  3917 + 1519

Casing Record:
- Purpose of String: Surface
  - Size Hole Drilled: 12 1/2
  - Size Casing Set: 5 7/8
  - Weight Lbs./ Ft.: 19
  - Setting Depth: 209
  - Type of Cement: 50-40posmix
  - Type and Percent Additives: 160 2%gel13%cc

- Purpose of String: Longstring
  - Size Hole Drilled: 7 7/8
  - Size Casing Set: 4 1/2
  - Weight Lbs./ Ft.: 10.5
  - Setting Depth: 3902
  - Type of Cement: 65-35posmix
  - Type and Percent Additives: 400 15%gel 1/4#Fossall common 150 10%salt 1/4# Fossall

Perforation Record:
- Shots Per Foot: 3
  - Specify Footage of Each Interval Perforated: 3821-3825

Acid, Fracture, Shot, Cement Squeeze Record:
- (Amount and Kind of Material Used) Depth: 500 gal MCA Acid 3821-25
- 1500 gal NE Acid

Tubing Record:
- Size: 2 3/8
- Set At: 3830
- Packer At:
- Liner Run: Yes

Date of First Production: 3-6-91
- Producing Method: Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours:
- Oil: 96
- Bbls.
- Gas Mcf
- Water Bbls.
- Gas-Oil Ratio
- Trace

Disposition of Gas:
- Vented  Sold  Used on Lease (If vented, submit ACC-18.)

Method of Completion:
- Open Hole  Perforation  Dually Completed  Commingled
- Other (Specify)
# Drill-Stem Test Data

**Well Name**: FOUNTAIN  
**Company**: GRIGGS OIL COMPANY  
**Address**: 107 N MARKET #2, HAYS, KS 67601  
**Zone Tested**: LANS-KS-CITY  
**Co. Rep./Geo.**: MR. CARIG CAULK  
**Location**: Sec. 4  Twp. 7S  Rge. 23W  
**C.C.**: GRAHAM  
**Cont.**: ABERCROMBIE  
**Est. Ft. of Pay**: 4  
**Elevation**: 2393  
**Date**: 2/15/91  
**State**: KANSAS

<table>
<thead>
<tr>
<th>Interval Tested</th>
<th>3800-3835</th>
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<tbody>
<tr>
<td>Anchor Length</td>
<td>35</td>
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<tr>
<td>Top Packer Depth</td>
<td>3795</td>
</tr>
<tr>
<td>Bottom Packer Depth</td>
<td>3800</td>
</tr>
<tr>
<td>Total Depth</td>
<td>3835</td>
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**Mud Wt.** 9.5 lb/gal  
**Viscosity** 45  
**Filtrate** 10.8

**Tool Open** @ 12:15 PM  
**Initial Blow**: WEAK TO FAIR 2.5" IN WATER IN 30 MINUTES  
**Final Blow** 5.5" IN 15 MINUTES-4.5" IN 30 MINUTES

**Recovery**—Total Feet 90  
**Flush Tool?** N

**Rec.** 150 Feet of GAS IN PIPE  
**Rec.** 30 Feet of MUD CUT OIL-40%OIL/60%MUD  
**Rec.** 60 Feet of MUD CUT OIL-50%OIL/50%MUD

**BHT**: 104°F  
**Gravity**: 0  
**API**: @  
**Temp.**:  
**Chlorides**: ppm Recovery Chlorides 1050 ppm System

(A) **Initial Hydrostatic Mud**: 1955.4 PSI  
**AK1 Recorder No.**: 13851  
**Range**: 4425

(B) **First Initial Flow Pressure**: 211.3 PSI  
**@ (depth)** 3805 w/Clock No. 31154

(C) **First Final Flow Pressure**: 35.6 PSI  
**AK1 Recorder No.**: 13850  
**Range**: 4325

(D) **Initial Shut-in Pressure**: 334.8 PSI  
**@ (depth)** 3835 w/Clock No. 27585

(E) **Second Initial Flow Pressure**: 35.6 PSI  
**AK1 Recorder No.**:  
**Range**:

(F) **Second Final Flow Pressure**: 42.8 PSI  
**@ (depth)**  
**w/Clock No.**

(G) **Final Shut-in Pressure**: 361.2 PSI  
**Initial Opening**: 30  
**Final Flow**: 45

(H) **Final Hydrostatic Mud**: 1950.6 PSI  
**Initial Shut-in**: 30  
**Final Shut-in**: 60

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**Our Representative**: MR. HARRY SCHMIDT  
**Total Price $**: 550
This is an actual photograph of recorder chart.

<table>
<thead>
<tr>
<th>POINT</th>
<th>FIELD READING</th>
<th>OFFICE READING</th>
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<tbody>
<tr>
<td>(A) INITIAL HYDROSTATIC MUD</td>
<td>1951</td>
<td>1955.4</td>
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<tr>
<td>(B) FIRST INITIAL FLOW PRESSURE</td>
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<td>(C) FIRST FINAL FLOW PRESSURE</td>
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<td>(D) INITIAL CLOSED-IN PRESSURE</td>
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<td>(E) SECOND INITIAL FLOW PRESSURE</td>
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<td>(F) SECOND FINAL FLOW PRESSURE</td>
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<td>(G) FINAL CLOSED-IN PRESSURE</td>
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<tr>
<td>(H) FINAL HYDROSTATIC MUD</td>
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