

ORIGINAL

CONFIDENTIAL

SIDE ONE

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

RELEASED

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

New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.

Gas  Inj  Delayed Comp.

Dry  Other (Core, Water Supply, etc.)

If OMO: old well info as follows:

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

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

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

Drilling Method:

Mud Rotary  Air Rotary  Cable

2-12-91 2-17-91 2-27-91

Spud Date Date Reached TD Completion Date

API NO. 15- 065,22,621

County Graham

C E/2 NE SE Sec. 4 Twp. 7 Rge. 23  East  West

1980 Ft. North from Southeast Corner of Section

330 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

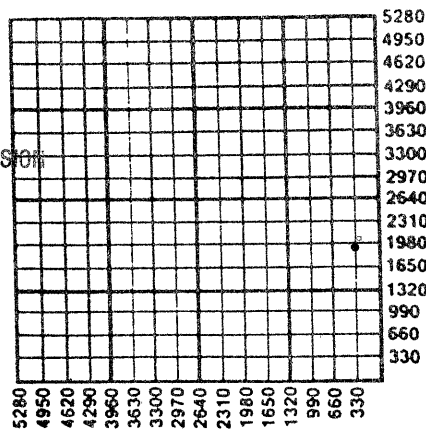
Lease Name Fountain Well # 1-A

Field Name Mount Etna N-E

Producing Formation Lansing K-C

Elevation: Ground 2393 KB 2398

Total Depth 3917 PBTD 3836



4-11-91

Amount of Surface Pipe Set and Cemented at 209 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set Cementing top to bottom Feet

If Alternate II completion, cement circulated from 3902

feet depth to Surface w/ 550 sx amt.

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 4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement 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 sept Date 4-10-91

Subscribed and sworn to before me this 10th day of April, 19 91.

Notary Public Virginia Lee Smith

Date Commission Expires August 25, 1992

K.C.C. OFFICE USE ONLY

F  Letter of Confidentiality Attached

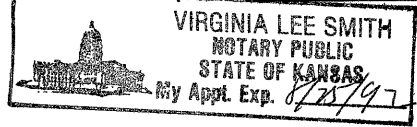
C  Wireline Log Received

C  Drillers Time Log Received

KCC  SWD/Rep  NGPA

KGS  Plug  Other (Specify)

Form ACO-1 (7-89)



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SIDE TWO

Operator Name Griggs Oil, Inc. Lease Name Fountain Well # 1-A

Sec. 4 Twp. 7 Rge. 23  East  West County Graham

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 (Attach Additional Sheets.)  
Samples Sent to Geological Survey  Yes  No  
Cores Taken  Yes  No  
Electric Log Run  Yes  No (Submit Copy.)  
Dst #1 3800-3835 30' Mud cut oil  
30-30-45-60 40% oil  
IFP-20-30 60' mud cut oil  
ISP-333 50% oil  
FFP-30-40  
FSIP-360  
150 GIP

Formation Description table with columns: Name, Top, Bottom. Rows include Anhydrite, Banhydrite, Topekahms, Heebner SH, Toronto LMS, Lansing LMS, B. Knasas City, T.D.

CASING RECORD  New  Used Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: 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. Rows include Surface and Longstring.

PERFORATION RECORD and Acid, Fracture, Shot, Cement Squeeze Record. Includes columns for Shots Per Foot, Footage of Each Interval Perforated, and material used.

TUBING RECORD Size 2 3/8 Set At 3830 Packer At \_\_\_\_\_ Liner Run  Yes  No

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

Table with 6 columns: Estimated Production Per 24 Hours, Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity. Values include 96 and Trace.

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Commingled  Other (Specify)

15-069-22621-00-00

# TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

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4-11-91  
APR 11 1991

### Drill-Stem Test Data

CONSERVATION DIVISION  
Wichita, Kansas

Well Name FOUNTAIN # 1-A Test No. 1 Date 2/15/91  
Company GRIGGS OIL COMPANY Zone Tested LANS-KS CITY  
Address 107 N MARKET #1800 67202 Elevation 2393 GL  
Co. Rep./Geo. MR CARIG CAULK Cont. ABERCROMBIE Est. Ft. of Pay 4  
Location: Sec. 4 Twp. 7S Rge. 23W Co. GRAHAM State KANSAS

Interval Tested 3800-3835  
Anchor Length 35  
Top Packer Depth 3795  
Bottom Packer Depth 3800  
Total Depth 3835

Drill Pipe Size 4.5 XH  
Wt. Pipe I.D. - 2.7 Ft. Run 600  
Drill Collar - 2.25 Ft. Run \_\_\_\_\_

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 FAIR THROUGHOUT-3" IN 15 MINUTES-4.5" IN 30 MINUTES  
5.5" IN 45 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

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
BHT 104 °F Gravity 0 °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API

RW \_\_\_\_\_ @ \_\_\_\_\_ °F 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 21.3 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

Our Representative MR HARRY SCHMIDT TOTAL PRICE \$ 550

RELEASED  
5-20-92  
MAY 20 1992

FROM CONFIDENTIAL

15-065-22621-00-00

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RELEASED

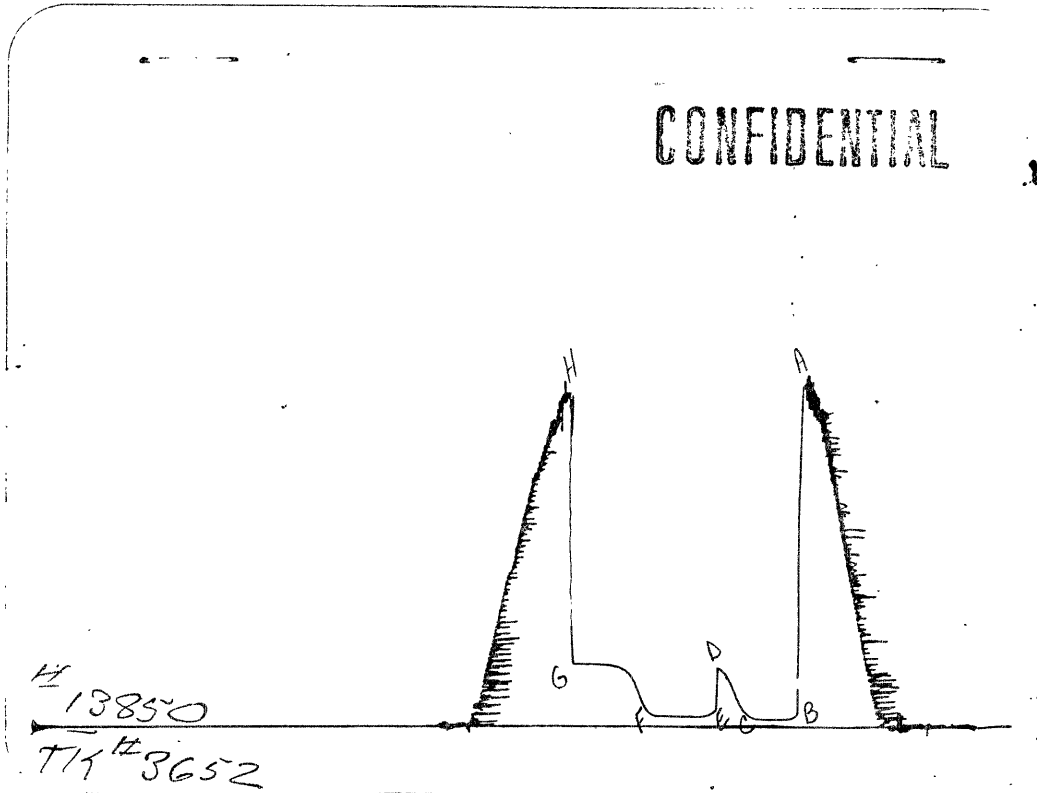
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520-92  
FROM CONFIDENTIAL

4-11-91  
CONSERVATION DIVISION  
Wichita, Kansas



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POINT This is an actual photograph of recorder chart PRESSURE

POINT	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1951	1955.4
(B) FIRST INITIAL FLOW PRESSURE	20	21.3
(C) FIRST FINAL FLOW PRESSURE	30	35.6
(D) INITIAL CLOSED-IN PRESSURE	333	334.8
(E) SECOND INITIAL FLOW PRESSURE	30	35.6
(F) SECOND FINAL FLOW PRESSURE	40	42.8
(G) FINAL CLOSED-IN PRESSURE	360	361.2
(H) FINAL HYDROSTATIC MUD	1951	1950.6

15-065-22621-00-00

Phone 913-483-2627, Russell, Kansas

ORIGINAL

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Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

**ALLIED CEMENTING CO., INC.** No 9708

Home Office P. O. Box 31

Russell, Kansas 67665

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
2-10-92		7	20	6:00 A.M.	7:00 A.M.	2:45 P.M.	4:00 P.M.
Lease	Well No.	Location			County	State	
Mountain		Hill City			Lincoln	Kansas	

Contractor: <i>Jameson Construction</i>	
Type Job: <i>Production</i>	
Hole Size: <i>7 7/8"</i>	T.D. <b>RELEASED</b>
Csg. <i>1 1/2"</i>	Depth: <b>MAY 20 1992</b>
Thg. Size	Depth
Drill Pipe	Depth
Tool	Depth
Cement Left in Csg.	Shoe Joint <i>42.47</i>
Press Max.	Minimum
Meas Line	Displace
Perf.	

Owner: <i>Jameson Construction</i>
To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.
Charge To: <i>Jameson</i>
Street
City
The above was done to satisfaction and supervision of owner agent or contractor.
Purchase Order No.
<b>CEMENT</b>
Amount Ordered: <i>100 bags</i>
Consisting of <i>2 1/2 bags</i>
Common
Poz. Mix
Gel
Chloride
Quickset
Sales Tax
Handling
Mileage <i>1.5</i>
Sub Total
Total
Floozing Equipment <i>46</i>

**EQUIPMENT**

No.	Cementer
Pumptrk <i>153</i>	Helper
No.	Cementer
Pumptrk	Helper
Bulktrk	Driver
Bulktrk <i>154</i>	Driver

**DEPTH of Job**

Reference	Depth
<i>1 1/2" 400'</i>	
<i>2 1/2" 400'</i>	
<b>Sub Total</b>	
<b>Tax</b>	
<b>Total</b>	

Remarks: *Completed with satisfactory flow of cement. Cementing equipment used.*

*Thanks*

**STATE CORPORATION COMMISSION**

APR 14 1991

CONSERVATION DIVISION  
Wichita, Kansas