

ORIGINAL

CONFIDENTIAL

RELEASED

APR 09 1992

4-9-92

SIDE ONE

065-22,598-00-00 FROM CONFIDENTIAL

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

Operator: License # 5058

Name: Griggs Oil, Inc.

Address 107 North Market, Suite 800

City/State/Zip Wichita, KS 67202

Purchaser: Koch Oil Company

Operator Contact Person: Jack Griggs

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 OMD: old well info as follows:

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

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

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

Drilling Method: \_\_\_\_\_

Mud Rotary  Air Rotary  Cable

10-13-90 10-18-90 10-31-90

Spud Date Date Reached TD Completion Date

API NO. 15- \_\_\_\_\_

County Graham Co.

SE NW SW Sec. 3 Twp. 7S Rge. 23 East West

1650' Ft. North from Southeast Corner of Section

4290' Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

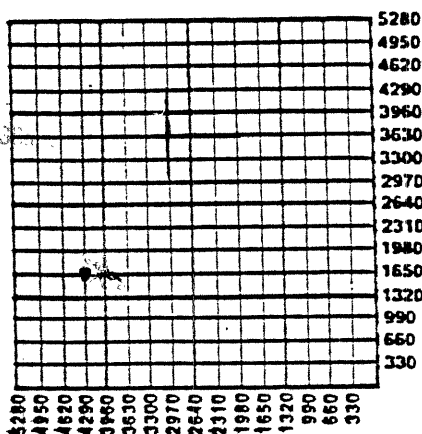
Lease Name Fountain Well # 1

Field Name Mount Etha Northeast

Producing Formation Lansing KC

Elevation: Ground 2346 KB 2351

Total Depth 3850' PBTD 3783



Amount of Surface Pipe Set and Cemented at 293' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set cement cir. top to bottom Feet

If Alternate II completion, cement circulated from 3850'

feet depth to surface w/ 500 sx cm.

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 ACD-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 Supr Date 2-7-91

Subscribed and sworn to before me this 7<sup>th</sup> day of February, 19 91.

Notary Public Virginia Lee Smith

Date Commission Expires 8/25/92

K.C.C. OFFICE USE ONLY

F  Letter of Confidentiality Attached

C  Wireline Log Received

C  Drillers TimeLog Received

Distribution

KCC  SWD/Rep  NGPA

KGS  Plug  Other (Specify)

VIRGINIA LEE SMITH  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appl. Exp. 8/25/92

P1

CONFIDENTIAL

SIDE TWO

Operator Name Griggs Oil, Inc. Lessee Name Fountain Well # 1
County Graham
Sec. 3 Twp. 7S Rpe. 23
[ ] East [X] 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 [X] Yes [ ] No
Samples Sent to Geological Survey [X] Yes [ ] No
Cores Taken [ ] Yes [X] No
Electric Log Run [X] Yes [ ] No

Formation Description table with columns: Name, Top, Bottom. Rows include Anhydrite, B. Anhydrite, Topeka Lms, Heebner Sh, Toronto Lms, Lansing Lms, B. Kansas 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 Long string.

PERFORATION RECORD table with columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used), Depth. Row includes 3 shots at 3770-3774 with 1500 gal N E Acid.

TUBING RECORD Size 2 3/8 Set At 3779 Packer At Liner Run [ ] Yes [ ] No

Date of First Production 11-15-90 Producing Method [ ] Flowing [X] Pumping [ ] Gas Lift [ ] Other (Explain)

Table with 8 columns: Estimated Production Per 24 Hours, Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity. Row includes 100 Oil Bbls and Trace Water.

Disposition of Gas: [ ] Vented [ ] Sold [ ] Used on Lease
METHOD OF COMPLETION: [ ] Open Hole [X] Perforation [ ] Dually Completed [ ] Commingled
Production Interval

P.O. Box 362 • Hays, Kansas 67601

TEST TICKET

CONFIDENTIAL

APR 09 1992  
No. 3308

Well Name & No. 1 FOUNTAIN ORIGINAL Test No. ONE Date 10-17-90 FROM CONFIDENTIAL

Company GRIFFS OIL INC. Zone Tested AMS. 90'

Address 107 N. MARKET SUITE 800 WICHITA 67202 Elevation 2346 GL

Co. Rep. / Geo. CRAIG CAULIS Cont. ABERCROMBIE #4 Est. Ft. of Pay \_\_\_\_\_

Location: Sec. 3 Twp. 7 S Rge. 23 W Co. GRAHAM State KS

No. of Copies ONE Distribution Sheet \_\_\_\_\_ Yes \_\_\_\_\_ No (No) Turnkey \_\_\_\_\_ Yes \_\_\_\_\_ No (No)

Interval Tested 3675 TO 3695 Drill Pipe Size 4 1/2" X 17

Anchor Length 20' Top Choke — 1" Bottom Choke — 3/4"

Top Packer Depth 3670 Hole Size — 7 7/8" Rubber Size — 6 3/4"

Bottom Packer Depth 3675 Wt. Pipe I.D. — 2.7 Ft. Run 520

Total Depth 3695 Drill Collar — 2.25 Ft. Run \_\_\_\_\_

Mud Wt. 9.2 lb / gal. Viscosity 36 Filtrate 10.8

Tool Open @ 5:05 A Initial Blow WEAK THROUGHOUT F.P. 1.5"

Final Blow SAME AS INITIAL

Recovery — Total Feet 150 Flush Tool? NO

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

Rec. 150 Feet of MUDY WATER

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

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

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

BHT 110 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API

RW 0.3 @ 55 °F Chlorides 36,000 ppm Recovery Chlorides 1000 ppm System

(A) Initial Hydrostatic Mud 1851 PSI AK1 Recorder No. 13851 Range 4325

(B) First Initial Flow Pressure 22 PSI @ (depth) 368 w/Clock No. 25813

(C) First Final Flow Pressure 44 PSI AK1 Recorder No. 13850 Range 4425

(D) Initial Shut-In Pressure 1222 PSI @ (depth) 3695 w/Clock No. 31154

(E) Second Initial Flow Pressure 55 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

(F) Second Final Flow Pressure 27 PSI @ (depth) \_\_\_\_\_ w/Clock No. \_\_\_\_\_

(G) Final Shut-In Pressure 1233 PSI Initial Opening 30 Test 550

(H) Final Hydrostatic Mud 1851 PSI Initial Shut-In 30 Jars \_\_\_\_\_

Final Flow 45 Safety Joint \_\_\_\_\_

Final Shut-In 60 Straddle \_\_\_\_\_

Approved By Craig Caulis

Our Representative [Signature]

Circ. Sub \_\_\_\_\_

Sampler \_\_\_\_\_

Extra Packer \_\_\_\_\_

Other \_\_\_\_\_

TOTAL PRICE \$ 5500

# TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

## ORIGINAL

## Drill-Stem Test Data

RELEASED

APR 09 1992  
**CONFIDENTIAL**  
FROM CONFIDENTIAL

Well Name & No. <u>#1 FOUNTAIN</u>	Test No. <u>2</u>	Date <u>10/17/90</u>
Company <u>GRIBBS OIL INC</u>	Zone Tested <u>LANSING-KS CITY</u>	
Address <u>107 N MARKET #800 WICHITA KS 67202</u>	Elevation <u>2346 GL</u>	
Co. Rep./Geo. <u>MR CRAIG CAULK</u>	Cont. <u>ABERCROMBIE RIG #4</u>	Est. Ft. of Pay <u>6</u>
Location: Sec. <u>3</u>	Twp. <u>7S</u>	Rge. <u>23W</u> Co. <u>GRAHAM</u> State <u>KANSAS</u>

Interval Tested <u>3748-3782</u>	Drill Pipe Size <u>4.5" XH</u>
Anchor Length <u>34</u>	Top Choke — 1" <u>        </u> Bottom Choke — ¾" <u>        </u>
Top Packer Depth <u>3743</u>	Hole Size — 77/8" <u>        </u> Rubber Size — 6¾" <u>        </u>
Bottom Packer Depth <u>3748</u>	Wt. Pipe I.D. — 2.7 Ft. Run <u>520</u>
Total Depth <u>3782</u>	Drill Collar — 2.25 Ft. Run <u>0</u>
Mud Wt. <u>9.5</u> lb/gal.	Viscosity <u>42</u> Filtrate <u>10.0</u>
Tool Open @ <u>8:05</u>	Initial Blow <u>VERY GOOD -BOTTOM OF BUCKET IN 5</u>
MINUTES-	
Final Blow <u>SAME AS INITIAL</u>	

Recovery — Total Feet <u>880</u>	Flush Tool? <u>NO</u>
Rec. <u>700</u> Feet of <u>GAS IN PIPE</u>	
Rec. <u>800</u> Feet of <u>CLEAN GASSY OIL</u>	
Rec. <u>80</u> Feet of <u>MUD CUT OIL -40%MUD/60%DIL</u>	<u>FFR 8 1991</u>
Rec. <u>0</u> Feet of <u>        </u>	
Rec. <u>0</u> Feet of <u>        </u>	

BHT <u>119</u> °F	Gravity <u>34</u>	°API @ <u>70</u>	°F Corrected Gravity <u>33</u>	°API
RW <u>        </u> @ <u>        </u> °F	Chlorides <u>        </u> ppm	Recovery Chlorides <u>1000</u> ppm	System	
(A) Initial Hydrostatic Mud <u>1986.2</u>	PSI	AK1 Recorder No. <u>13851</u>	Range <u>4325</u>	
(B) First Initial Flow Pressure <u>57.7</u>	PSI	@ (depth) <u>3752</u>	w/Clock No. <u>25813</u>	
(C) First Final Flow Pressure <u>195.5</u>	PSI	AK1 Recorder No. <u>13850</u>	Range <u>4425</u>	
(D) Initial Shut-In Pressure <u>1352.4</u>	PSI	@ (depth) <u>3782</u>	w/Clock No. <u>31154</u>	
(E) Second Initial Flow Pressure <u>237.7</u>	PSI	AK1 Recorder No. <u>0</u>	Range <u>0</u>	
(F) Second Final Flow Pressure <u>304.4</u>	PSI	@ (depth) <u>0</u>	w/Clock No. <u>0</u>	
(G) Final Shut-In Pressure <u>1343.6</u>	PSI	Initial Opening <u>30</u>		
(H) Final Hydrostatic Mud <u>1958.2</u>	PSI	Initial Shut-In <u>30</u>		
		Final Flow <u>30</u>		
		Final Shut-In <u>30</u>		

MR HARRY SCHMIDT

550

Our Representative \_\_\_\_\_

TOTAL PRICE \$ \_\_\_\_\_

HALLIBURTON SERVICES  
JOB LOG

WELL NO. #1 LEASE Foundation TICKET NO. 904199-X  
 CUSTOMER Griggs Oil Company Inc. RELEASED PAGE NO. #1 of 1  
 JOB TYPE 4 1/2" Longstring DATE 10-18-90

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1230							Called out - Job ready @ 1730 hrs.
	1445							ON Loc. - Reg @ 1730 - Rig Circ - Setup
	1747							Bm & Float Equip on Loc.
	1800							DP out - lay down Kelly & Rat Hole
	1835							No Halliburton weld A w/ Float Equip - Co.
	1855							Man went to Hill City to get thread lok
								ON Loc. w/ thread lok
								Start 4 1/2" Csg Reg Guide shoe - Insert w/ Adm - 11
								Cent on 2 <sup>nd</sup> - 4 <sup>th</sup> - 6 <sup>th</sup> 39 <sup>th</sup> & 54 <sup>th</sup> Collars
								Emt. BSKL on 40 <sup>th</sup> Jct 55 <sup>th</sup> - 1 <sup>st</sup> Cowl 6 ft
								up on shoe 5th -
	2031							Csg @ 3849' - Hook up to Circ
	2045							Rig Start Circulating
	2113							Hook up to PT
	2116	7.5	209.5				300	Start mixing 325 SWS HDL w/ 1/4" Flocculants.
	2142	7.0					400	Finish mixing HDL
	2143	7.0	41.5				400	Start mixing 175 SWS EA-2-5% Col-seal-10% Salt
								.5% Haled 322 - .25% D-Air
	2150	5.5					200	Finish mixing Cement
								Wash up Pump & Lines - Release 4 1/2" 5" w Top Plug
	2152	6.5	60.9				200	Start disp.
	2156	6.0					350	Start press. increase 28 bbl in
	2159	2.0					350	40 bbl pumped - Rate @ 2 BPM - Press Ingres-
	2010						1500	Plug down - Final Circ Press = 975"
	2015							Release Press. - Insert Holding
								Job Completed
								Thank you
								Eldon - Mike -
								Jack & Kent
								Cement Circulated to Cellar

CUSTOMER

ORIGINAL

RELEASED 2-8-92  
CONFIDENTIAL  
MAR 05 1992  
3-5-92

SIDE ONE

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

Operator: License # 5058

Name: Griggs Oil, Inc.

Address 107 North Market, Suite 800

City/State/Zip Wichita, KS 67202

Purchaser: Koch Oil Company

Operator Contact Person: Jack Griggs

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 OAWO: old well info as follows:  
Operator: \_\_\_\_\_

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

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

Drilling Method: \_\_\_\_\_  
 Mud Rotary  Air Rotary  Cable

10-13-90 10-18-90 10-31-90  
Spud Date Date Reached TD Completion Date

API NO. 15- 065-22,598-00-00 FROM CONFIDENTIAL

County Graham Co.

SE NW SW Sec. 3 Twp. 7S Rpt. 23  East

1650' Ft. North from Southeast Corner of Section

4290' Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Lease Name Fountain Well # 1

Field Name Mount Etna Northeast <sup>West</sup>

Producing Formation Lansing KC

Elevation: Ground 2346 KB 2351

Total Depth 3850' PSTD 3783

	5280
	4950
	4620
	4290
	3960
	3630
	3300
	2970
	2640
	2310
	1980
	1650
	1320
	990
	660
	330
3280	
2950	
2620	
2290	
1960	
1630	
1300	
970	
640	
310	
	330

Amount of Surface Pipe Set and Cemented at 293' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set cement cir. top to bottom Feet

If Alternate II completion, cement circulated from 3850'

feet depth to surface w/ 500 sx cmt.

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 ACD-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 Supr Date 2-7-91

Subscribed and sworn to before me this 7<sup>th</sup> day of February, 19 91.

Notary Public Virginia Lee Smith  
Date Commission Expires 8/92

K.C.C. OFFICE USE ONLY

F  Letter of Confidentiality Attached  
 C  Wireline Log Received  
 C  Drillers Timelog Received

Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

NPDA 2915

SIDE TWO

Operator Name Griggs Oil, Inc. Lease Name Fountain Well # 1  
 Sec. 3 Twp. 7S Rpe. 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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Formation Description  <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample  Name                      Top                      Bottom Anhydrite                2015 +336 B. Anhydrite            2049 +302 Topeka Lms                3374 -1023 Heebner Sh                3578 -1227 Toronto Lms               3604 -1253 Lansing Lms               3618 -1267 B. Kansas City          3813 -1462 T.D.                         3850 -1499
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

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 1/2"	8 5/8"	19#	293'	60-40pozmix	190	2%gel 3%cc
Long string	7 7/8"	4 1/2"	10.5#	3849	H D L E A-2	325 185	1/2# flocele sk 5% EZ Seal 10% salt 7% D

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	3770-3774	1500 gal N E Acid	3770-74

TUBING RECORD      Size 2 3/8      Set At 3779      Packer At      Liner Run  Yes  No

Date of First Production 11-15-90      Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity.
	100				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) \_\_\_\_\_      Production Interval \_\_\_\_\_