

ORIGINAL

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

Operator: License # 5058
Name: Griggs Oil, Inc.
Address 100 N. Main, Suite 1010
One Main Place
City/State/Zip Wichita, KS 67202
Purchaser: Scurlock-Permian
Operator Contact Person: Jim Collins
Phone (316) 267-7779
Contractor: Name: Sterling Drilling Company
License: 5142
Wellsite Geologist: Kris Kennedy
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, 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 PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
3-17-93 3-30-93 4-30-93
Spud Date Date Reached TD Completion Date

API NO. 15- 155-21,247-00-00
County Reno
C - W/2.NW - NE Sec. 13 Twp. 25S Rge. 9 ^E/_W
660 Feet from S (circle one) Line of Section
2310 Feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name Brooks-Johnson Well # 1-13
Field Name Wildcat
Producing Formation Mississippi
Elevation: Ground 1652 KB 1661
Total Depth 4000 PBTB _____
Amount of Surface Pipe Set and Cemented at 171 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 182
feet depth to Surface w/ 300 sx cat.
Drilling Fluid Management Plan ALO1 8-17-93
(Data must be collected from the Reserve Pit)
Chloride content 30,000 ppm Fluid volume 800 bbls
Desalting method used Vacuum Truck
Location of fluid disposal if hauled offsite: _____
Operator Name C & C Tank Service, Inc.
Lease Name Roach SWD License No. 30708
SW/4 Quarter Sec. 14 Twp. 23 S Rng. 9 ^E/_W
County Reno Docket No. 22208

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 [Signature]
Title V. President Date 8/9/93
Subscribed and sworn to before me this 9th day of August, 19 93.
Notary Public Virginia Lee Smith
Date Commission Expires August 25, 1996

VIRGINIA LEE SMITH
NOTARY PUBLIC
STATE OF KANSAS
My Appl. Exp. 8/25/96

RECEIVED
STATE CORPORATION COMMISSION

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received AUG 11 1993
C Geologist Report Received 8-11-93
Distribution
 KCC SWD/REP NGPA
 KGS Plug Other (Specify)

ORIGINAL

SIDE TWO

Operator Name Griggs Oil, Inc.

Lease Name Brooks-Johnson

Well # 1-13

Sec. 13 Twp. 25S Rge. 9

East
 West

County Reno

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 (sidewall) Yes No
Electric Log Run Yes No
(Submit Copy.)
List All E.Logs Run:
DIL
SDL/DSN
FF-MSG

Name	Top	Datum
Heebner	3121	-1452
Douglas Sh	3150	-1481
BRN Lime	3305	-1636
LKC	3324	-1655
BKC	3691	-2022
Cherokee	3794	-2125
Miss	3842	-2173
Miss Lime	3886	-2717
Kinderhook	3915	-2246

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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	20#	182	60/40 Pos	190	2%gel/3%cc
Production	7-7/8	5 1/2	15.5	3969	50/50 Pos	135	2%gel/10%cc

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
4	3849 - 3853		1,000 gal. 7 1/2% DSFE	

TUBING RECORD		Size	Set At	Packer At	Liner Run	Production Interval	
		2-7/8		NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3849-3853	
Date of First, Resumed Production, SWD or Inj.			Producing Method				
7/21/93			<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gravity
	100		400		320		37°

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)
Production Interval: 3849-3853

ORIGINAL

Griggs Oil, Inc.

SIDE TWO

Lease Name Brooks-Johnson

Well # 1-13

Sec. 13 Twp. 25S Rge. 9

East West

County Reno

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, Samples Sent to Geological Survey, Cores Taken, Electric Log Run, List All E.Logs Run, Log Formation (Top), Depth and Datums

CASING RECORD table with columns: Purpose of String, Size Hole Drilled, Size Casing Set, Weight Lbs./Ft., Setting Depth, Type of Cement, # Sacks Used, Type and Percent Additives

ADDITIONAL CEMENTING/SQUEEZE RECORD table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives

PERFORATION RECORD - Bridge Plugs Set/Type and Acid, Fracture, Shot, Cement Squeeze Record

TUBING RECORD, Date of First Resumed Production, Producing Method, Estimated Production

Disposition of Gas, METHOD OF COMPLETION, Production Interval

TRILOBITE TESTING, L.L.C. ORIGINAL

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name #1-13 BROOKS-JOHNSON Test No. 1 Date 3/24/93
Company GRIGGS OIL INC Zone MISSISSIPPI
Address 107 N MARKET WICHITA KS 67202 Elevation 1661
Co. Rep./Geo. KRIS KENNEDY Cont. STERLING DRLG RIG #2 Est. Ft. of Pay _____
Location: Sec. 13 Twp. 25S Rge. 9W Co. RENO State KS

Interval Tested 3788-3832 Drill Pipe Size 4.5" XH
Anchor Length 44 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 3783 Drill Collar - 2.25 Ft. Run 423
Bottom Packer Depth 3788 Mud Wt. 8.5 lb/Gal.
Total Depth 3832 Viscosity 60 Filtrate 6.4

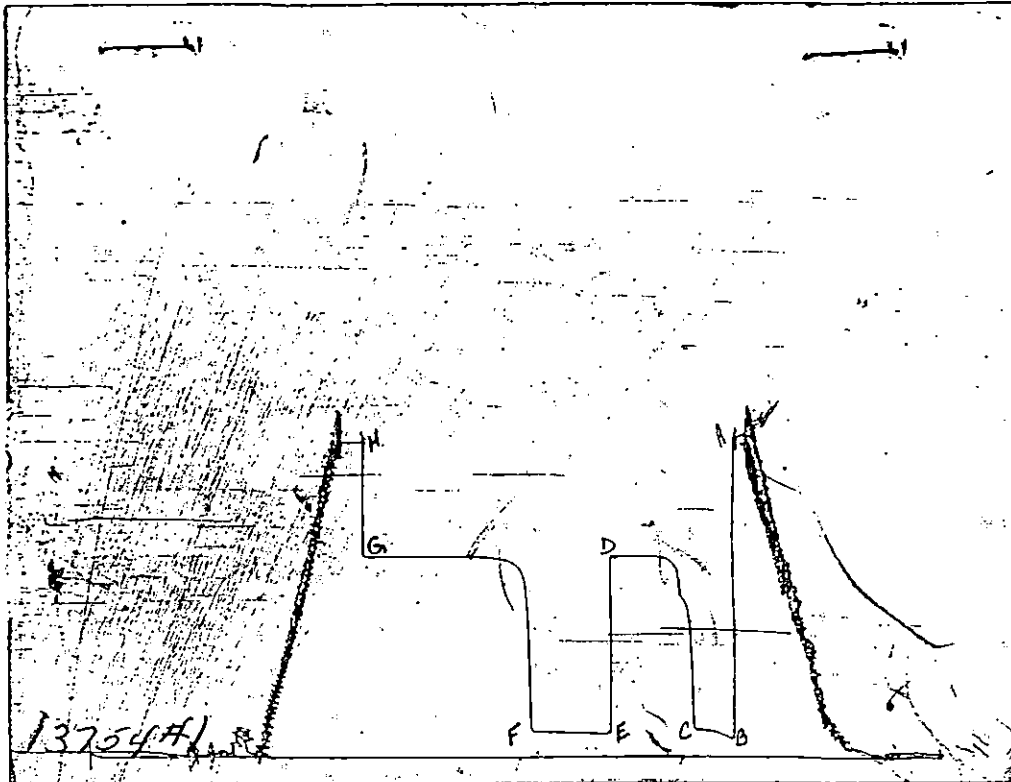
Tool Open @ 8:32 AM Initial Blow STRONG-BOTTOM OF BUCKET IN 30 SECONDS/GAS TO SURFACE
IN 9 MINUTES-GAUGED-GAS SAMPLES TAKEN
Final Blow STRONG-BOTTOM OF BUCKET IN 30 SECONDS

Recovery - Total Feet 260 Flush Tool? NO
Rec. 260 Feet of GASSY MUD-30%GAS/70%MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 111 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 2000 ppm System

(A) Initial Hydrostatic Mud 1789.3 PSI AK1 Recorder No. 13754 Range 4000
(B) First Initial Flow Pressure 88.5 PSI @ (depth) 3792 w / Clock No. 27501
(C) First Final Flow Pressure 137.7 PSI AK1 Recorder No. 7437 Range 4200
(D) Initial Shut-in Pressure 1028.0 PSI @ (depth) 3827 w / Clock No. 8376
(E) Second Initial Flow Pressure 112.2 PSI AK1 Recorder No. _____ Range _____
(F) Second Final Flow Pressure 124.0 PSI @ (depth) _____ w / Clock No. _____
(G) Final Shut-in Pressure 1024.0 PSI Initial Opening 30 Final Flow 60
(H) Final Hydrostatic Mud 1633.9 PSI Initial Shut-in 60 Final Shut-in 120

Our Representative DAN BANGLE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1786	1789.3
(B) FIRST INITIAL FLOW PRESSURE	98	88.5
(C) FIRST FINAL FLOW PRESSURE	137	137.7
(D) INITIAL CLOSED-IN PRESSURE	1016	1028
(E) SECOND INITIAL FLOW PRESSURE	118	112.2
(F) SECOND FINAL FLOW PRESSURE	127	
(G) FINAL CLOSED-IN PRESSURE	1026	1024
(H) FINAL HYDROSTATIC MUD	1626	1633.9

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TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

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Drill-Stem Test Data

Well Name #1-13 BROOKS-JOHNSON Test No. 2 Date 3/25/93
 Company GRIGGS OIL INC Zone MISSISSIPPI
 Address 107 N MARKET WICHITA KS 67202 Elevation 1661
 Co. Rep./Geo. KRIS KENNEDY Cont. STERLING DRLG RIG #2 Est. Ft. of Pay 12
 Location: Sec. 13 Twp. 25S Rge. 9W Co. RENO State KS

Interval Tested 3836-3848 Drill Pipe Size 4.5" XH
 Anchor Length 12 Wt. Pipe I.D. - 2.7 Ft. Run _____
 Top Packer Depth 0 Drill Collar - 2.25 Ft. Run 423
 Bottom Packer Depth 3836 Mud Wt. 8.8 lb/Gal.
 Total Depth 3848 Viscosity 61 Filtrate 6.4

Tool Open @ 2:45 AM Initial Blow STRONG-BOTTOM OF BUCKET IN 30 SECONDS/GAS TO SURFACE
IN 4 MINUTES-GAUGED-GAS SAMPLE TAKEN
 Final Blow STRONG-BOTTOM OF BUCKET AS SOON AS TOOL WAS OPENED

Recovery - Total Feet 210 Flush Tool? NO

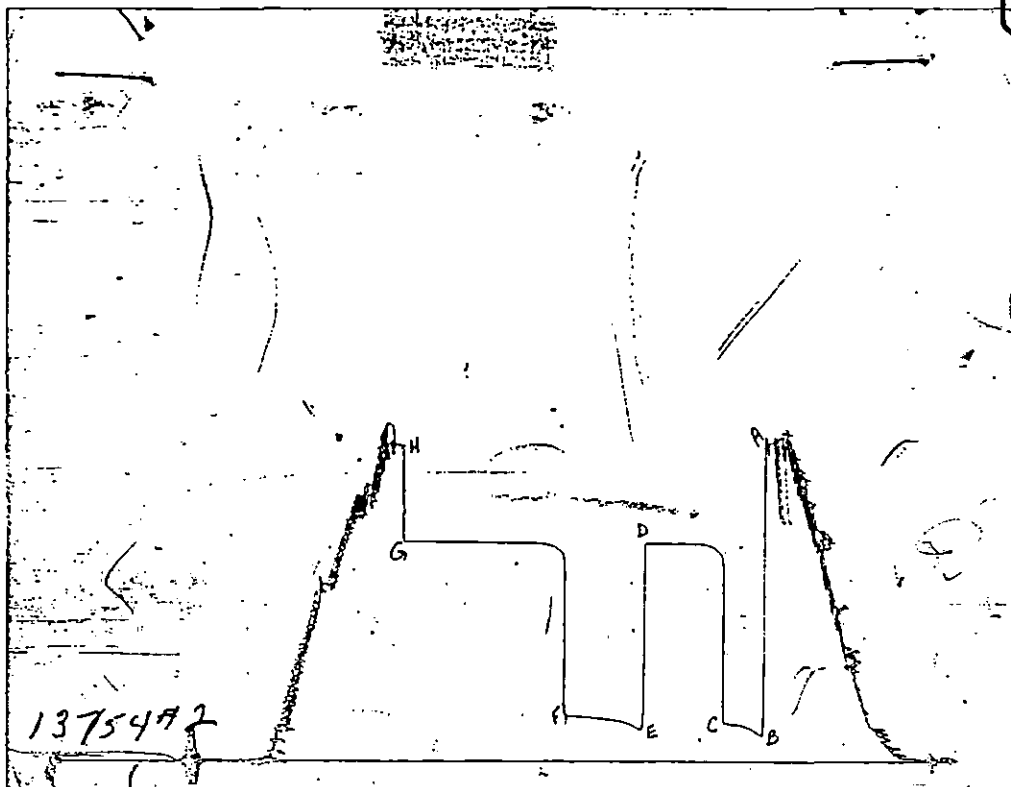
Rec. 30 Feet of SLTLY OIL CUT GSY MUD-10%GAS/3%OIL/87%MUD
 Rec. 60 Feet of OIL CUT GSY MUD-10%GAS/20%OIL/70%MUD
 Rec. 60 Feet of OIL CUT GSY MUD-10%GAS/30%OIL/60%MUD
 Rec. 60 Feet of OIL CUT GSY MUDDY WTR-10%GAS/30%OIL/40%WTR/20%MUD
 Rec. _____ Feet of _____

BHT 110 °F Gravity _____ °API @ _____ °F Corrected Gravity 32 °API
 RW 0.32 @ 80 °F Chlorides 30000 ppm Recovery Chlorides 3000 ppm System

(A) Initial Hydrostatic Mud 1691.2 PSI AK1 Recorder No. 13754 Range 4000
 (B) First Initial Flow Pressure 138.7 PSI @ (depth) 3840 w/ Clock No. 27501
 (C) First Final Flow Pressure 204.7 PSI AK1 Recorder No. 7437 Range 4200
 (D) Initial Shut-in Pressure 1123.9 PSI @ (depth) 3845 w/ Clock No. 8376
 (E) Second Initial Flow Pressure 163.3 PSI AK1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure 244.0 PSI @ (depth) _____ w/ Clock No. _____
 (G) Final Shut-in Pressure 1128.9 PSI Initial Opening 30 Final Flow _____
 (H) Final Hydrostatic Mud 1633.9 PSI Initial Shut-in 60 Final Shut-in 120

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	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1686	1691.2
(B) FIRST INITIAL FLOW PRESSURE	137	138.7
(C) FIRST FINAL FLOW PRESSURE	196	204.7
(D) INITIAL CLOSED-IN PRESSURE	1116	1123.9
(E) SECOND INITIAL FLOW PRESSURE	157	163.3
(F) SECOND FINAL FLOW PRESSURE	226	244
(G) FINAL CLOSED-IN PRESSURE	1116	1128.9
(H) FINAL HYDROSTATIC MUD	1626	1633.9

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ORIGINAL

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name #1-13 BROOKS-JOHNSON Test No. 3 Date 3/25/93
Company GRIGGS OIL INC Zone MISSISSIPPI
Address 107 N MARKET WICHITA KS 67202 Elevation 1661
Co. Rep./Geo. KRIS KENNEDY Cont. STERLING DRLG RIG #2 Est. Ft. of Pay 12
Location: Sec. 13 Twp. 25S Rge. 9W Co. RENO State KS

Interval Tested 3848-3860 Drill Pipe Size 4.5" XH
Anchor Length 12 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 0 Drill Collar - 2.25 Ft. Run 423
Bottom Packer Depth 3848 Mud Wt. 8.7 lb/Gal.
Total Depth 3860 Viscosity 68 Filtrate 6.8

Tool Open @ 6:30 PM Initial Blow STRONG-BOTTOM OF BUCKET IN 30 SECONDS
GAS TO SURFACE IN 5 MIN-GAUGED-GAS SAMPLE TAKEN
Final Blow STRONG-BOTTOM OF BUCKET AS SOON AS TOOL OPENED
FINE MIST OF MUD TO SURFACE IN 10 MINUTES

Recovery - Total Feet 784 Flush Tool? NO

Rec. 164 Feet of CLEAN GASSY OIL- 40% GAS / 60% OIL
Rec. 620 Feet of WATER
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 113 °F Gravity 39 °API @ 70 °F Corrected Gravity 40 °API
RW 0.057 @ 78 °F Chlorides 92000 ppm Recovery Chlorides 6000 ppm System

(A) Initial Hydrostatic Mud 1880.6 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 290.3 PSI @ (depth) 3852 w / Clock No. 27501

(C) First Final Flow Pressure 375.9 PSI AK1 Recorder No. 7437 Range 4200

(D) Initial Shut-in Pressure 1183.9 PSI @ (depth) 3856 w / Clock No. 8376

(E) Second Initial Flow Pressure 386.8 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 469.4 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 1184.9 PSI Initial Opening 30

(H) Final Hydrostatic Mud 1750.6 PSI Initial Shut-in 60 Final Shut-in 1120

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	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1876	1880.6
(B) FIRST INITIAL FLOW PRESSURE	295	290.3
(C) FIRST FINAL FLOW PRESSURE	374	375.9
(D) INITIAL CLOSED-IN PRESSURE	1176	1183.9
(E) SECOND INITIAL FLOW PRESSURE	383	386.8
(F) SECOND FINAL FLOW PRESSURE	462	469.4
(G) FINAL CLOSED-IN PRESSURE	1186	1184.9
(H) FINAL HYDROSTATIC MUD	1746	1750.6

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ORIGINAL

Drill-Stem Test Data

Well Name #1-13 BROOKS-JOHNSON Test No. 4 Date 3/25/93
Company GRIGGS OIL INC Zone MISSISSIPPI
Address 107 N MARKET WICHITA KS 67202 Elevation 1661
Co. Rep./Geo. KRIS KENNEDY Cont. STERLING DRLG RIG #2 Est. Ft. of Pay _____
Location: Sec. 13 Twp. 25S Rge. 9W Co. RENO State KS

Interval Tested 3860-3872 Drill Pipe Size 4.5" XH
Anchor Length 12 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 0 Drill Collar - 2.25 Ft. Run 423
Bottom Packer Depth 3860 Mud Wt. 8.6 lb/Gal.
Total Depth 3872 Viscosity 74 Filtrate 7.6

Tool Open @ 12:23 PM Initial Blow WEAK-BUILDING TO 2.5"

Final Blow WEAK-BUILDING TO 2"

Recovery - Total Feet 127 Flush Tool? NO

Rec. 37 Feet of OIL & WTR CUT MUD- 10% OIL/ 10% WTR/ 80% MUD
Rec. 90 Feet of MUD CUT WATER-90% WTR / 10% MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 116 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 0.052 @ 76 °F Chlorides 89000 ppm Recovery Chlorides 10000 ppm System

(A) Initial Hydrostatic Mud 2006.9 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 30.7 PSI @ (depth) 3864 w / Clock No. 27501

(C) First Final Flow Pressure 42.9 PSI AK1 Recorder No. 7437 Range 4200

(D) Initial Shut-in Pressure 365.4 PSI @ (depth) 3868 w / Clock No. 8376

(E) Second Initial Flow Pressure 57.8 PSI AK1 Recorder No. _____ Range _____

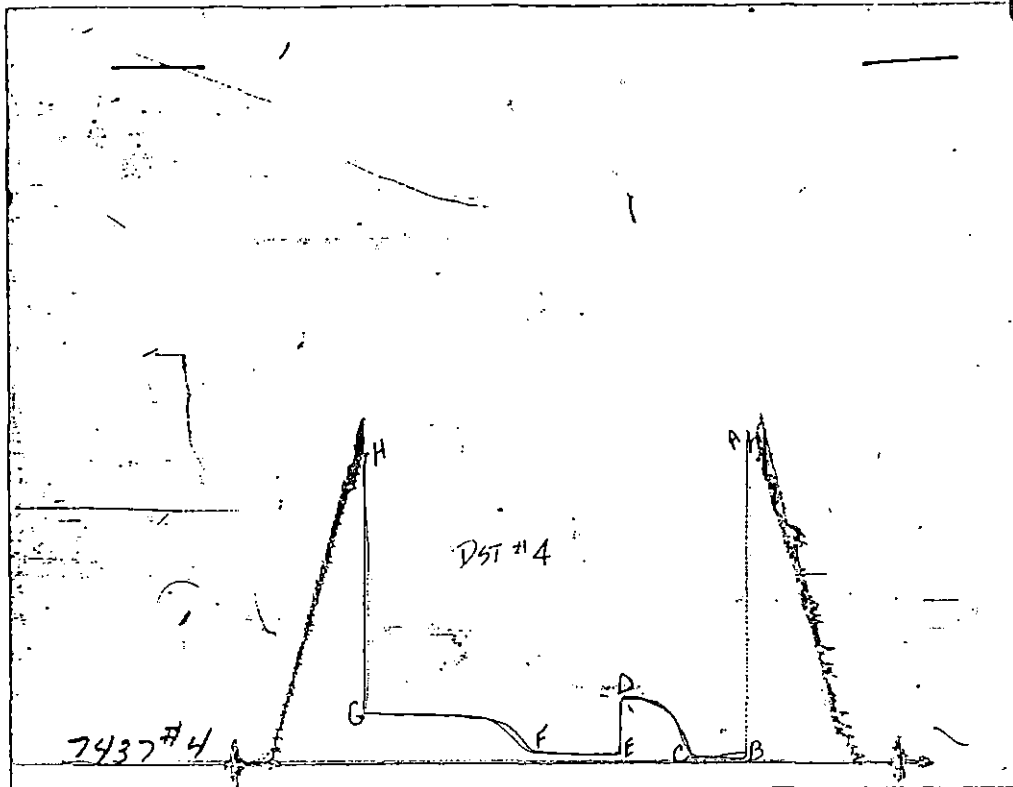
(F) Second Final Flow Pressure 72.3 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 288.9 PSI Initial Opening 30 Final Flow AUG 11 1993

(H) Final Hydrostatic Mud 1854.7 PSI Initial Shut-in 60 Final Shut-in 120

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	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2000	2006.9
(B) FIRST INITIAL FLOW PRESSURE	33	30.7
(C) FIRST FINAL FLOW PRESSURE	44	42.9
(D) INITIAL CLOSED-IN PRESSURE	363	365.4
(E) SECOND INITIAL FLOW PRESSURE	55	57.8
(F) SECOND FINAL FLOW PRESSURE	66	72.3
(G) FINAL CLOSED-IN PRESSURE	286	288.9
(H) FINAL HYDROSTATIC MUD	1862	1854.7

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P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Drill-Stem Test Data

Well Name #1-13 BROOKS-JOHNSON Test No. 5 Date 3/26/93
 Company GRIGGS OIL INC Zone MISSISSIPPI
 Address 107 N MARKET WICHITA-KS 67202 Elevation 1661
 Co. Rep./Geo. KRIS KENNEDY Cont. STERLING DRLG RIG #2 Est. Ft. of Pay _____
 Location: Sec. 13 Twp. 25S Rge. 9W Co. RENO State KS

Interval Tested <u>3873-3894</u>	Drill Pipe Size <u>4.5" XH</u>
Anchor Length <u>21</u>	Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth <u>0</u>	Drill Collar - 2.25 Ft. Run <u>423</u>
Bottom Packer Depth <u>3873</u>	Mud Wt. <u>8.6</u> lb/Gal.
Total Depth <u>3894</u>	Viscosity <u>74</u> Filtrate <u>7.6</u>

Tool Open @ 5:00 AM Initial Blow WEAK-BUILDING TO 1/2"

Final Blow WEAK STEADY SURFACE BLOW

Recovery - Total Feet 120 Flush Tool? NO

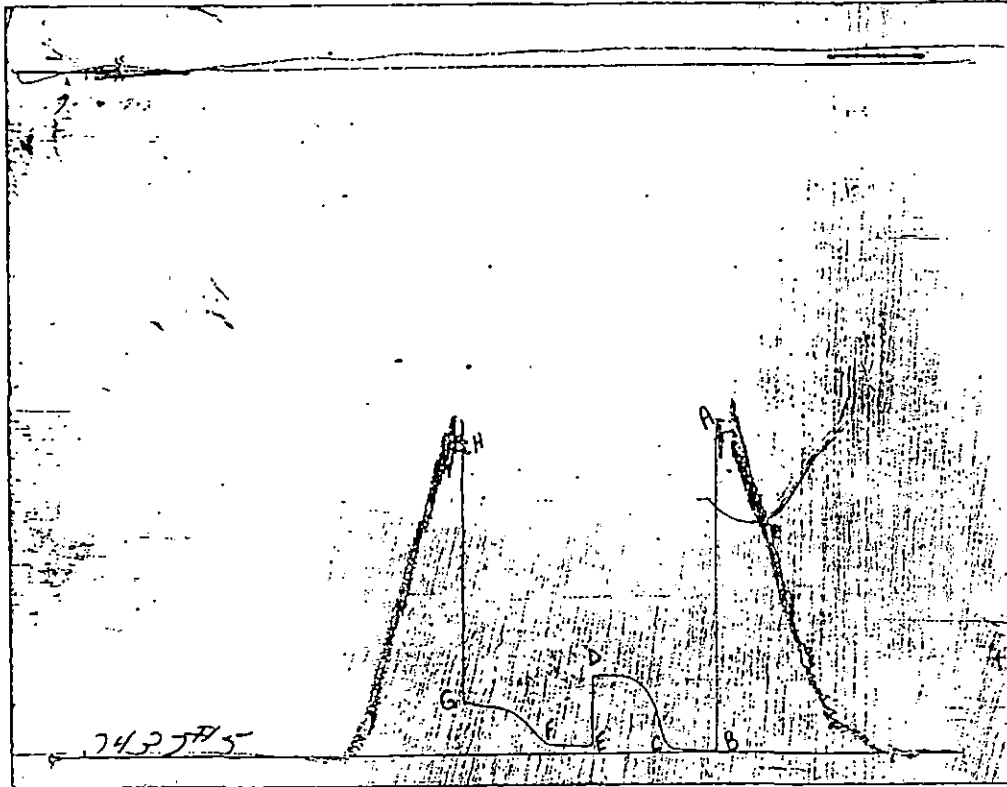
Rec. 120 Feet of MUDDY WATER
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____

BHT 119 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW 0.052 @ 79 °F Chlorides 90000 ppm Recovery Chlorides 10000 ppm System

(A) Initial Hydrostatic Mud <u>1822.6</u> PSI	AK1 Recorder No. <u>13754</u>	Range <u>4000</u>
(B) First Initial Flow Pressure <u>42.9</u> PSI	@ (depth) <u>3877</u>	w / Clock No. <u>27501</u>
(C) First Final Flow Pressure <u>42.9</u> PSI	AK1 Recorder No. <u>7437</u>	Range <u>4200</u>
(D) Initial Shut-in Pressure <u>447.8</u> PSI	@ (depth) <u>3890</u>	w / Clock No. <u>8376</u>
(E) Second Initial Flow Pressure <u>88.5</u> PSI	AK1 Recorder No. _____	Range _____
(F) Second Final Flow Pressure <u>88.5</u> PSI	@ (depth) _____	w / Clock No. _____
(G) Final Shut-in Pressure <u>304.6</u> PSI	Initial Opening <u>30</u>	Final Flow <u>30</u>
(H) Final Hydrostatic Mud <u>1789.3</u> PSI	Initial Shut-in <u>60</u>	Final Shut-in <u>60</u>

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 30



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	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1816	1822.6
(B) FIRST INITIAL FLOW PRESSURE	39	42.9
(C) FIRST FINAL FLOW PRESSURE	39	42.9
(D) INITIAL CLOSED-IN PRESSURE	442	447.8
(E) SECOND INITIAL FLOW PRESSURE	78	88.5
(F) SECOND FINAL FLOW PRESSURE	78	88.5
(G) FINAL CLOSED-IN PRESSURE	295	304.6
(H) FINAL HYDROSTATIC MUD	1786	1789.3

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JOB LOG

DATE: 09 '95 TIME: 11:23 AM HALLIBURTON SERVICES BY: JOHNSON TICKET NO.:

CUSTOMER: Grigg Oil Co
 JOB TYPE: 5 1/2" LONG STONE

PAGE NO. 1
 DATE: _____



ORIGINAL

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PLUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION
				S	C	TUBING	CASING	
	1200							Job ready
	0700							SHUT OUT FOR PA
	1245							PAUP TRUCK & BLUE TRUCK ON LOCATION R.O. LAYING DOWN DRILL PIPE SET UP PAUP TRUCK
	1535							RIG THROUGH LAYING DOWN DRILL PIPE LAY DOWN R-A
	1630							START RUNNING SP. CSC & FLOAT TRAP
	1800							CASING ON BOTTOM 3970' HOSE UP TO 100' TO 110' CIRCUMFERENCE TRUCK
	1815							START CIRCUMFERING WITH RIG PAUP
	1830							THROUGH CIRCUMFERING
	1840	80	20			1500		HOSE UP TO PAUP TRUCK #1
	1843		5.0					PAUP TO 100' SALT FLUSH
	1845		12.0					PAUP 5' 100' FRESH WATER SPACES
	1847		5.0					PAUP 12' 100' SALT FLUSH
	1848							PAUP 5' 100' FRESH WATER SPACES
	1848							SIDES MIXING CEMENT
	1900							THROUGH MIXING CEMENT
	1900		2.8					PLUS R-A WITH 10 SET
	1905							WASH OUT PAUP, LURE
								REMOVE PLUG
		9.0				1500		START DISPLACING
	1915		94.8			1500		PLUG DOWN
								REMOVE FLOAT
								FLOAT HELD
								HAD GOOD MUD CIRCULATION
								THROUGH ON TOP
								THANK YOU
								WOOD T. KURT ROY

HALLIBURTON SERVICES
JOB LOG

WELL NO. 1-13 LEASE Berries Johnson TICKET NO. 295497

FORMER Griggs Oil PAGE NO. _____

FORM 2013 R-2

JOB TYPE 8 5/8" SURFACE DATE 3-19-93

ORIGINAL

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1300							Called out - Ready @ 1700
	1700							on loc - Reg Drilling - Set up
	1845							Hole made - Circ of TRIP out Drill Pipe
	1930							Start casing
	2020							Casing in hole - Break Circ w/ Rein Pump
	2036	5.0	5.0	✓	✓	100		Run Water Ahead
	2038	5.0	43	✓	✓	200		Max Cement
	2046							Finish Mixing - Release Plug
	2048	5.0	10	✓	✓	200		Displace Plug
	2050			✓				Plug Down - Close to Head - Wash up - Vent Circulates to Surface
	2120							JOB COMPLETE
								THANKS - RKS

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STATE CORPORATION COMMISSION

AUG 1 1 1993

CUSTOMER