Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1248311

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33936
Name: Griffin, Charles N.
Address 1: PO BOX 347
Address 2:
City: PRATT State: KS Zip: 67124 + 0347
Contact Person: Charles N Griffin
Phone: (972) 342-4648
CONTRACTOR: License # 34233
Name: Maverick Drilling LLC
Wellsite Geologist: Bruce Reed
Purchaser: Plains Mktg/OneOK

Designate Type of Completion:

☑ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
☑ OG ☐ GSW ☐ Temp. Abd.
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:

Operator:
Well Name:
Original Comp. Date: Original Total Depth:

☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

04/09/2015	04/17/2015	04/18/2015
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-24273-00-00
Spot Description:
_ W2 _ NE _ SW Sec. 26 Twp. 32 S. R. 12 ☐ East ☑ West
1980 Feet from ☐ North / ☑ South Line of Section
1650 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☑ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Barber
Lease Name: Gladys Well #: 1
Field Name: Toni-Mike NE
Producing Formation: Mississippi
Elevation: Ground: 1442 Kelly Bushing: 1452
Total Vertical Depth: 4795 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 265 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from:
feet depth to: w/ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 0 bbls
Dewatering method used: Evaporated
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. ☐ East ☐ West
County: Permit #:

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

☐ **Confidentiality Requested**
Date:
☐ **Confidential Release Date:**
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 07/20/2015

1248311

Operator Name: Griffin, Charles N. Lease Name: Gladys Well #: 1

Sec. 26 Twp. 32 S. R. 12 ☐ East ☑ West County: Barber

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken *(Attach Additional Sheets)*	☑ Yes	☐ No	☑ Log	Formation (Top), Depth and Datum ☐ Sample
Samples Sent to Geological Survey	☑ Yes	☐ No	Name: Attached	Top: Attached Datum: Attached
Cores Taken	☐ Yes	☑ No		
Electric Log Run	☑ Yes	☐ No		

List All E. Logs Run:

Compensated Density Neutron Log
Dual Induction 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	12.25	8.625	24	265	Class A	175	2%gel, 3%cc, 1/4#floseal
Production	7.875	5.5	20	4795	AA2	275	10%salt,2%gel,3/4%cfr2,5#Gilsonite

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	-			
	-			

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☑ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth
3	4276-4306	3000 gal 10% HCL	

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:
	2.875	4232		☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR.	Producing Method:
06/08/2015	☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	40	20	200		30

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☑ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)*	

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Griffin, Charles N.
Well Name	Gladys 1
Doc ID	1248311

Tops

Name	Top	Datum
Elgin Shale	3327	-1875
Elgin Sand	3413	-1961
Heebner	3514	-2062
Brown Lime	3707	-2255
Stark	4097	-2645
Base KC	4185	-2733
Mississippian	4273	-2821
Kinderhook	4464	-3012
Viola	4572	-3120
Simpson	4658	-3206
Simpson Sand	4671	-3219

QUALITY WELL SERVICE, INC.

6345

Federal Tax I.D. # 481187368

Home Office 324 Simpson St., Pratt, KS 67124

Office 620-727-3410
Fax 620-672-3663

Rich's Cell 620-727-3409
Brady's Cell 620-727-6964

Date	Sec.	Twp.	Range	County	State	On Location	Finish
04 09 15	26	32s	12w	Barber	KS	4:00Pm	6:00Pm

Lease Gladys Well No. 1 Location I60 & 281 Jct, South to Pleasant Hill Rd, 3/4w, S/

Contractor Maverick 106 Owner Griffin

Type Job Surface

To Quality Well Service, Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Hole Size	12¼	T.D.	270
Csg.	8⅝ 24#	Depth	265
Tbg. Size		Depth	
Tool		Depth	
Cement Left in Csg.	20'	Shoe Joint	N/A
Meas Line		Displace	15½ BBls Fresh

Charge To Griffin Management

Street

City State

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Amount Ordered 175sx class A + 2% gel + 3% cc + ¼ # Flosea l

EQUIPMENT

Pumptrk 8	No.	David B
Bulktrk 9	No.	Derek B Mike B
Bulktrk	No.	
Pickup	No.	D. Felix

JOB SERVICES & REMARKS

Pipe on Bttm, Break circ, Pump Spacer, Mix 175sx A 2% cement, Start Disp. w/ Fresh H²O, Wash up Truck, See Steady increase in PSI, Slow Rate, Stop Pump at 15½ BBls total Disp., Shut in Cement Did Circulate

Rat Hole	
Mouse Hole	
Centralizers	
Baskets	
D/V or Port Collar	
Common	175
Poz. Mix	
Gel.	3
Calcium	6
Hulls	
Salt	
Flowseal	43.75
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	184
Mileage	10

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
LMV 10	
Service Supervisor	
Pumptrk Charge	Surface
Mileage	20
Tax	
Discount	
Total Charge	

X Signature David B Farmer

Taylor Printing, Inc.

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 11954 A

26-325-12W

DATE TICKET NO.

DATE OF JOB 4-18-15	DISTRICT Pratt	NEW WELL ☒ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:	
CUSTOMER Griffin Managment LLC		LEASE Gladys	WELL NO. 1
ADDRESS		COUNTY Barber	STATE Ks
CITY	STATE	SERVICE CREW Mattal, McGraw, Gibson	
AUTHORIZED BY		JOB TYPE: Cnw 5½ Long String	

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS		DATE	AM/PM	TIME
19905	1					TRUCK CALLED	4-17-15	PM	8:00
						ARRIVED AT JOB	4-18-15	AM	4:30
19860	.5					START OPERATION		AM	9:20
						FINISH OPERATION		AM	10:15
						RELEASED		AM	11:00
						MILES FROM STATION TO WELL			35

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: X [signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT
CP 105	AA-2 CMT	sk	225		3,825 00
CP 105	AA-2 CMT	sk	50		850 00
CC 102	Celloflake	lb	69		255 30
CC 111	Salt	lb	1257		628 50
CC 112	CMT Friction reducer	lb	130		780 00
CC 115	C-44	lb	259		1,333 85
CC 201	Gilsonite	lb	1378		923 26
CF 607	Latch Down Plug + baffle 5½	ea	1		400 00
CF 1251	Auto Fill Float Shoe 5½	ea	1		360 00
CF 1651	Turbolizer 5½	ea	5		550 00
CF 1901	Basket 5½	ea	1		290 00
C 704	Claymax	gal	5		175 00
CC 151	Mud Flush	gal	500		750 00
E 100	P.U. Miles	mi	35		157 50
E 101	Heavy eq. miles	mi	70		525 00
E 113	Prop + Bulk Del.	Tm	453		1,133 13
CE 205	Depth charge 4001-5000'	4hr	1		2,520 00
CE 240	Blend + mix charge	sk	275		385 00
CE 504	Plug container	JOB	1		250 00
S003	Supervisor	ea	1		175 00
				SUB TOTAL	16,266 54

CHEMICAL / ACID DATA:

SERVICE & EQUIPMENT	%TAX ON $	
MATERIALS	%TAX ON $	
	TOTAL	9,271 92

KU
Discounted total

SERVICE REPRESENTATIVE Mike Mattal

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: X [signature]
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

BASIC energy services, L.P.

TREATMENT REPORT

Customer Griffin Management	Lease No.			Date 4-18-15	
Lease Gladys	Well # 1				
Field Order # 11954	Station	Casing 5½	Depth 4795	County Barber	State KS
Type Job CNW 5½ long string		Formation		Legal Description 26-32S-12W	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 5½	Tubing Size	Shots/Ft		Acid CMP 225 SKS	RATE AA-2	PRESS Griffin	ISIP 15 Min. Blend
Depth 4795	Depth	From	To	Pre Pad 50	Max AA-2	Griffin	5 Min. Blend
Volume 106.3	Volume	From	To	Pad	Min		10 Min.
Max Press 1500	Max Press	From	To	Frac	Avg		15 Min.
Well Connection PC	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 4781.6	Packer Depth	From	To	Flush 106	Gas Volume		Total Load

Customer Representative	Station Manager	Treater
J.R. Griffin	Kevin Gurney	Mike Mattai

Service Units	37586		77686	19905		19903	19860				
Driver Names	Mattai		McGraw			Gibson					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4:30					On location / Safety Meeting
6:20					Run 5½ 20# csng, Basket on Shoe
—					Turbos on 7, 8, 9, 10, 11
8:27					Casing on Bottom
8:35					Hook to Csng / Break circ. W. Rig
9:20	250		3	5.5	Pump 3 bbl water
9:21	250		12	5.5	Pump 12 bbl Mud Flush
9:23	250		3	5.5	Pump 3 bbl water
9:24	300		55	5	Mix 225 sks AA-2 @ 15.3 ppg
9:35	—		41	3	Wash Pump + Line / release Plug
9:38	200		—	6.5	Start 2% KCl Displacement
9:49	350		65	6	Lift Pressure
9:54	800		96	3	Slow rate
9:57	1500		106	—	Plug down, released + held
[illegible]	—		7.5	—	Plug rat + mouse hole
					circ Thru Job
					Job complete
					Thank You!
					Mike Mattai
					Mike + Randy

Taylor Printing, Inc. 620-672-3656

DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
1gladysdst1

Company Charles N. Griffin — Lease & Well No. Gladys No. 1

Elevation 1442 GL — Formation Snyder Sand — Effective Pay -- Ft. — Ticket No. K235

Date 4-13-15 — Sec. 26 — Twp. 32S — Range 12W — County Barber — State Kansas

Test Approved By Bruce A. Reed — Diamond Representative Jason McLemore

Formation Test No. 1 — Interval Tested from 3,489 ft. to 3,540 ft. — Total Depth 3,540 ft

Packer Depth 3,484 ft. — Size 6 3/4 in. — Packer Depth -- ft. — Size -- in.

Packer Depth 3,489 ft. — Size 6 3/4 in. — Packer Depth -- ft. — Size -- in.

Depth of Selective Zone Set ____ ft.

Top Recorder Depth (Inside) 3,477 ft. — Recorder Number 5513 — Cap. 5,000 psi.

Bottom Recorder Depth (Outside) 3,478 ft. — Recorder Number 5588 — Cap. 6,000 psi.

Below Straddle Recorder Depth ____ ft. — Recorder Number ____ — Cap. ____ psi.

Drilling Contractor Maverick Drilling, LLC - Rig 106 — Drill Collar Length -- ft — I.D. -- in.

Mud Type Chemical — Viscosity 47 — Weight Pipe Length -- ft — I.D. -- in.

Weight 9.0 — Water Loss 8.8 cc. — Drill Pipe Length 3,464 ft — I.D. 3 1/2 in.

Chlorides 3,000 P.P.M. — Test Tool Length 25 ft — Tool Size 3 1/2-IF in.

Jars: Make Sterling — Serial Number Not Run — Anchor Length 20' perf. w/31' drill pipe — Size 4 1/2-FH in.

Did Well Flow? No — Reversed Out No — Surface Choke Size 1 in. — Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. — Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Strong blow increasing. Off bottom of bucket in 2 1/2 mins. No blow back during shut-in.

2nd Open: Strong blow increasing. Off bottom of bucket in 30 secs. No blow back during shut-in.

Recovered 425 ft. of gas in pipe

Recovered 55 ft. of drilling mud = .782650 bbls.

Recovered 55 ft. of TOTAL FLUID = .782650 bbls.

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Remarks ____

Time Set Packer(s) 4:26 P.M. — Time Started off Bottom 7:26 P.M. — Maximum Temperature 106°

Initial Hydrostatic Pressure		(A)	1628 P.S.I.	
Initial Flow Period	Minutes 30	(B)	29 P.S.I.	to (C) 29 P.S.I.
Initial Closed In Period	Minutes 60	(D)	259 P.S.I.	
Final Flow Period	Minutes 30	(E)	38 P.S.I	to (F) 34 P.S.I.
Final Closed In Period	Minutes 60	(G)	170 P.S.I.	
Final Hydrostatic Pressure		(H)	1615 P.S.I.	

JASON MCLEMORE

CELL # 620-617-0527

General Information

Company Name	Charles N Griffin		
Contact	Charles N Griffin	Job Number	K235
Well Name	Gladys #1	Representative	Jason McLemore
Unique Well ID	DST #1 Snyder Sand 3489-3540	Well Operator	Charles N Griffin
Surface Location	26-32s-12w-Barber	Prepared By	Jason McLemore
Field	Toni-Mike Northeast	Qualified By	Bruce Reed
Well Type	Vertical	Test Unit	

Test Information

		Representative	Jason McLemore
Test Type	Drill Stem Test	Well Operator	Charles N Griffin
Formation	Snyder Sand	Report Date	2015/04/13
Well Fluid Type	01 Oil	Prepared By	Jason McLemore
Test Purpose (AEUB)	Initial Test		
Start Test Date	2015/04/13	Start Test Time	14:22:00
Final Test Date	2015/04/13	Final Test Time	21:30:00

Test Results

RECOVERED:

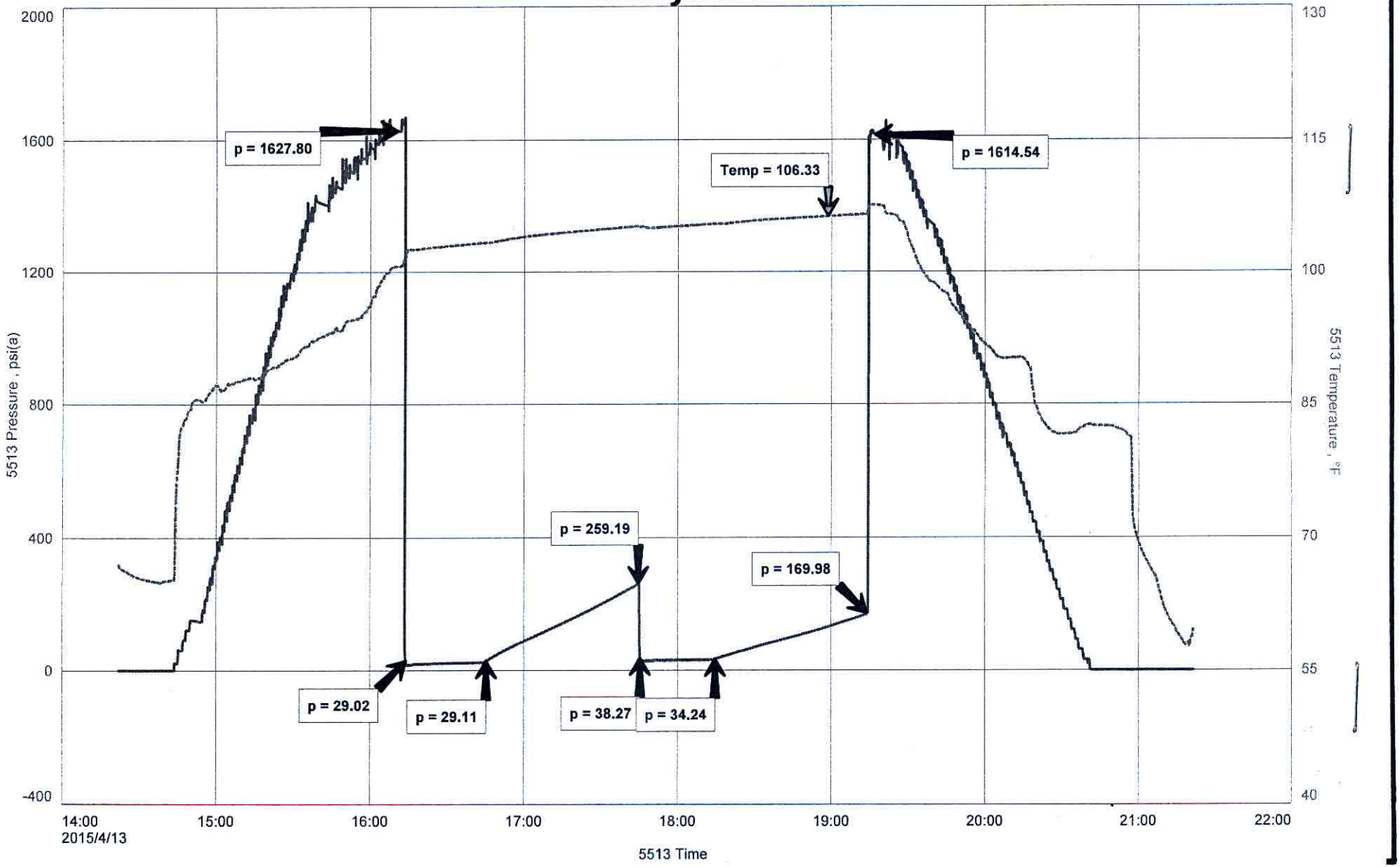
55	Drilling Mud
55	TOTAL FLUID

425 Gas In Pipe

Charles N Griffin
DST #1 Snyder Sand 3489-3540
Start Test Date: 2015/04/13
Final Test Date: 2015/04/13

Gladys #1
Formation: Snyder Sand
Pool: Wildcat
Job Number: K235

Gladys #1



DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
1gladysdst2

Company Charles N. Griffin Lease & Well No. Gladys No. 1

Elevation 1442 GL Formation Swope Effective Pay -- Ft. Ticket No. K236

Date 4-15-15 Sec. 26 Twp. 32S Range 12W County Barber State Kansas

Test Approved By Bruce A. Reed Diamond Representative Jason McLemore

Formation Test No. 2 Interval Tested from 4,073 ft. to 4,110 ft. Total Depth 4,110 ft

Packer Depth 4,068 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,073 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,054 ft. Recorder Number 5513 Cap. 5,000 psi.

Bottom Recorder Depth (Outside) 4,055 ft. Recorder Number 5588 Cap. 6,000 psi.

Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor Maverick Drilling, LLC - Rig 106

Mud Type Chemical Viscosity 53

Weight 9.2 Water Loss 9.6 cc.

Chlorides 6,000 P.P.M.

Jars: Make Sterling Serial Number 6

Did Well Flow? No Reversed Out No

Drill Collar Length -- ft I.D. -- in

Weight Pipe Length -- ft I.D. -- in.

Drill Pipe Length 4,040 ft I.D. 3 1/2 in.

Test Tool Length 33 ft Tool Size 3 1/2-IF in.

Anchor Length 37 ft. Size 4 1/2-FH in.

Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Strong blow increasing. Off bottom of bucket in 1 min. 45 secs. No blow back during shut-in.

2nd Open: Off bottom of bucket immediately. No blow back during shut-in.

Recovered 2,280 ft. of gas in pipe

Recovered 120 ft. of gassy, oil cut mud = 1.707600 bbls. (Grind out: 45%-gas; 25%-oil; 30%-mud)

Recovered 120 ft. of TOTAL FLUID = 1.707600 bbls.

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks

Time Set Packer(s) 4:22 A.M. Time Started off Bottom 6:52 A.M. Maximum Temperature 115°

Initial Hydrostatic Pressure		(A) 1966 P.S.I.		
Initial Flow Period	Minutes 30	(B) 28 P.S.I.	to (C) 35 P.S.I.	
Initial Closed In Period	Minutes 45	(D) 1441 P.S.I.		
Final Flow Period	Minutes 30	(E) 47 P.S.I	to (F) 57 P.S.I.	
Final Closed In Period	Minutes 45	(G) 1378 P.S.I.		
Final Hydrostatic Pressure		(H) 1936 P.S.I.		

JASON MCLEMORE

CELL # 620-617-0527

General Information

Company Name	Charles N Griffin		
Contact	Charles N Griffin	Job Number	K236
Well Name	Gladys #1	Representative	Jason McLemore
Unique Well ID	DST #2 Swope 4073-4110	Well Operator	Charles N Griffin
Surface Location	26-32s-12w-Barber	Prepared By	Jason McLemore
Field	Toni-Mike Northeast	Qualified By	Bruce Reed
Well Type	Vertical	Test Unit	6

Test Information

		Representative	Jason McLemore
Test Type	Drill Stem Test	Well Operator	Charles N Griffin
Formation	Swope	Report Date	2015/04/15
Well Fluid Type	01 Oil	Prepared By	Jason McLemore
Test Purpose (AEUB)	Initial Test		
Start Test Date	2015/04/15	Start Test Time	01:32:00
Final Test Date	2015/04/15	Final Test Time	09:25:00

Test Results

RECOVERED:

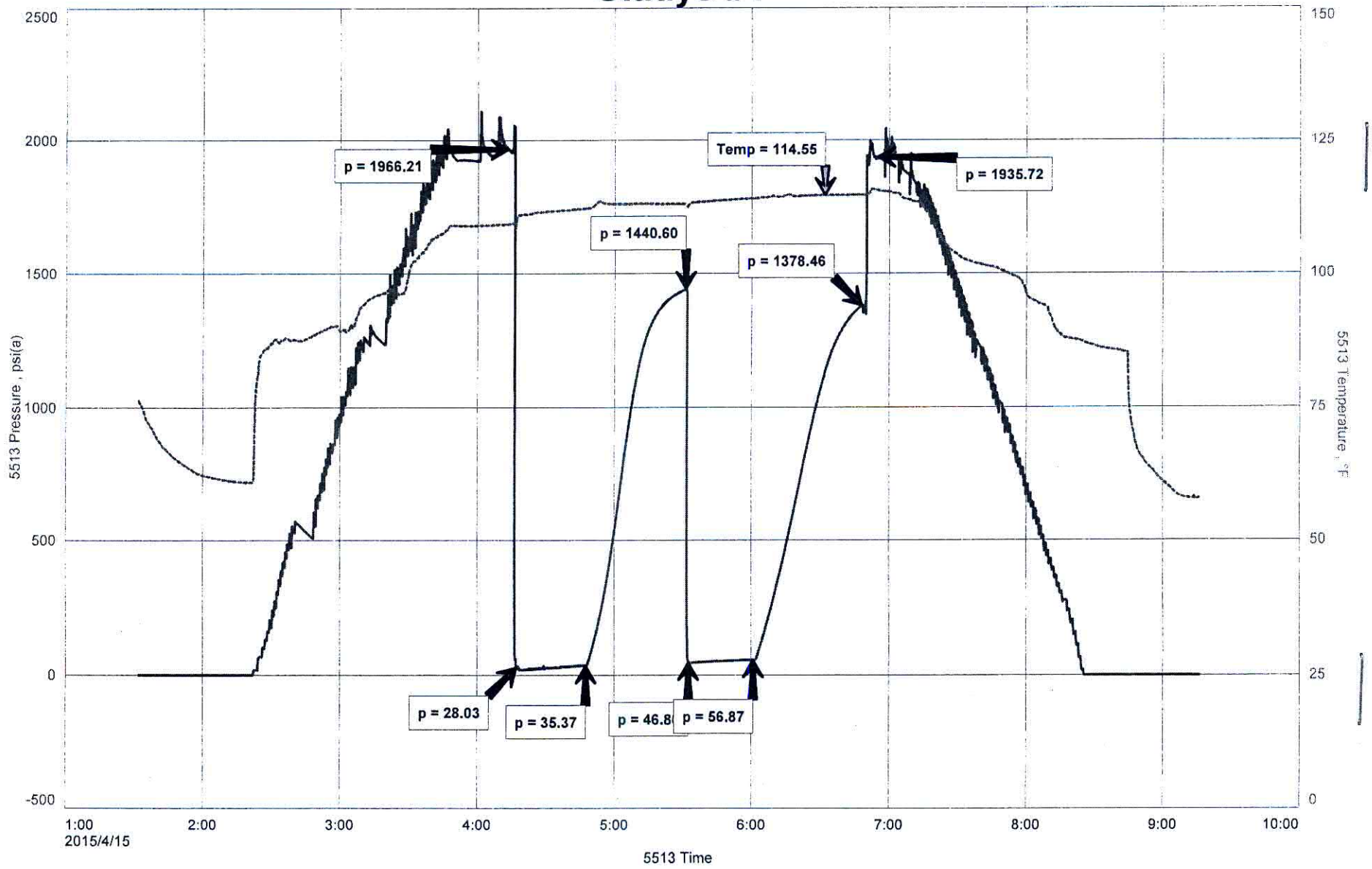
120	Gassy Oil Cut Mud, 45% Gas, 25% Oil, 30% Mud
120	TOTAL FLUID

2280' Gas In Pipe

Charles N Griffin
DST #2 Swope 4073-4110
Start Test Date: 2015/04/15
Final Test Date: 2015/04/15

Gladys #1
Formation: Swope
Pool: Wildcat
Job Number: K236

Gladys #1



DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
1gladysdst3

Company Charles N. Griffin Lease & Well No. Gladys No. 1

Elevation 1442 GL Formation Viola Effective Pay -- Ft. Ticket No. K237

Date 4-16-15 Sec. 26 Twp. 32S Range 12W County Barber State Kansas

Test Approved By Bruce A. Reed Diamond Representative Jason McLemore

Formation Test No. 3 Interval Tested from 4,572 ft. to 4,586 ft. Total Depth 4,586 ft

Packer Depth 4,567 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,572 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,553 ft. Recorder Number 5513 Cap. 5,000 psi.

Bottom Recorder Depth (Outside) 4,554 ft. Recorder Number 5588 Cap. 6,000 psi.

Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor Maverick Drilling, LLC - Rig 106

Mud Type Chemical Viscosity 59

Weight 9.4 Water Loss 9.8 cc.

Chlorides 9,000 P.P.M.

Jars: Make Sterling Serial Number 6

Did Well Flow? No Reversed Out No

Drill Collar Length -- ft I.D. -- in

Weight Pipe Length -- ft I.D. -- in.

Drill Pipe Length 4,539 ft I.D. 3 1/2 in.

Test Tool Length 33 ft Tool Size 3 1/2-IF in.

Anchor Length 14 ft. Size 4 1/2-FH in.

Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Weak, surface blow, Died in 15 mins. No blow back during shut-in.

2nd Open: No blow. No blow back during shut-in.

Recovered 1 ft. of mud w/oil specks = .014230 bbls. (Grind out: <1%-oil; >99%-mud)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks

Time Set Packer(s) 4:36 P.M. Time Started off Bottom 6:36 P.M. Maximum Temperature 119°

Initial Hydrostatic Pressure.....(A) 2287 P.S.I.

Initial Flow Period.....Minutes 30 (B) 8 P.S.I. to (C) 15 P.S.I.

Initial Closed In Period.....Minutes 30 (D) 43 P.S.I.

Final Flow Period.....Minutes 30 (E) 15 P.S.I to (F) 17 P.S.I.

Final Closed In Period.....Minutes 30 (G) 32 P.S.I.

Final Hydrostatic Pressure.....(H) 2280 P.S.I.

JASON MCLEMORE

CELL # 620-617-0527

General Information

Company Name	Charles N Griffin		
Contact	Charles N Griffin	Job Number	K237
Well Name	Gladys #1	Representative	Jason McLemore
Unique Well ID	DST #3 Viola 4572-4587	Well Operator	Charles N Griffin
Surface Location	26-32s-12w-Barber	Prepared By	Jason McLemore
Field	Toni-Mike Northeast	Qualified By	Bruce Reed
Well Type	Vertical	Test Unit	6

Test Information

		Representative	Jason McLemore
Test Type	Drill Stem Test	Well Operator	Charles N Griffin
Formation	Viola	Report Date	2015/04/16
Well Fluid Type	01 Oil	Prepared By	Jason McLemore
Test Purpose (AEUB)	Initial Test		
Start Test Date	2015/04/16	Start Test Time	14:15:00
Final Test Date	2015/04/16	Final Test Time	21:21:00

Test Results

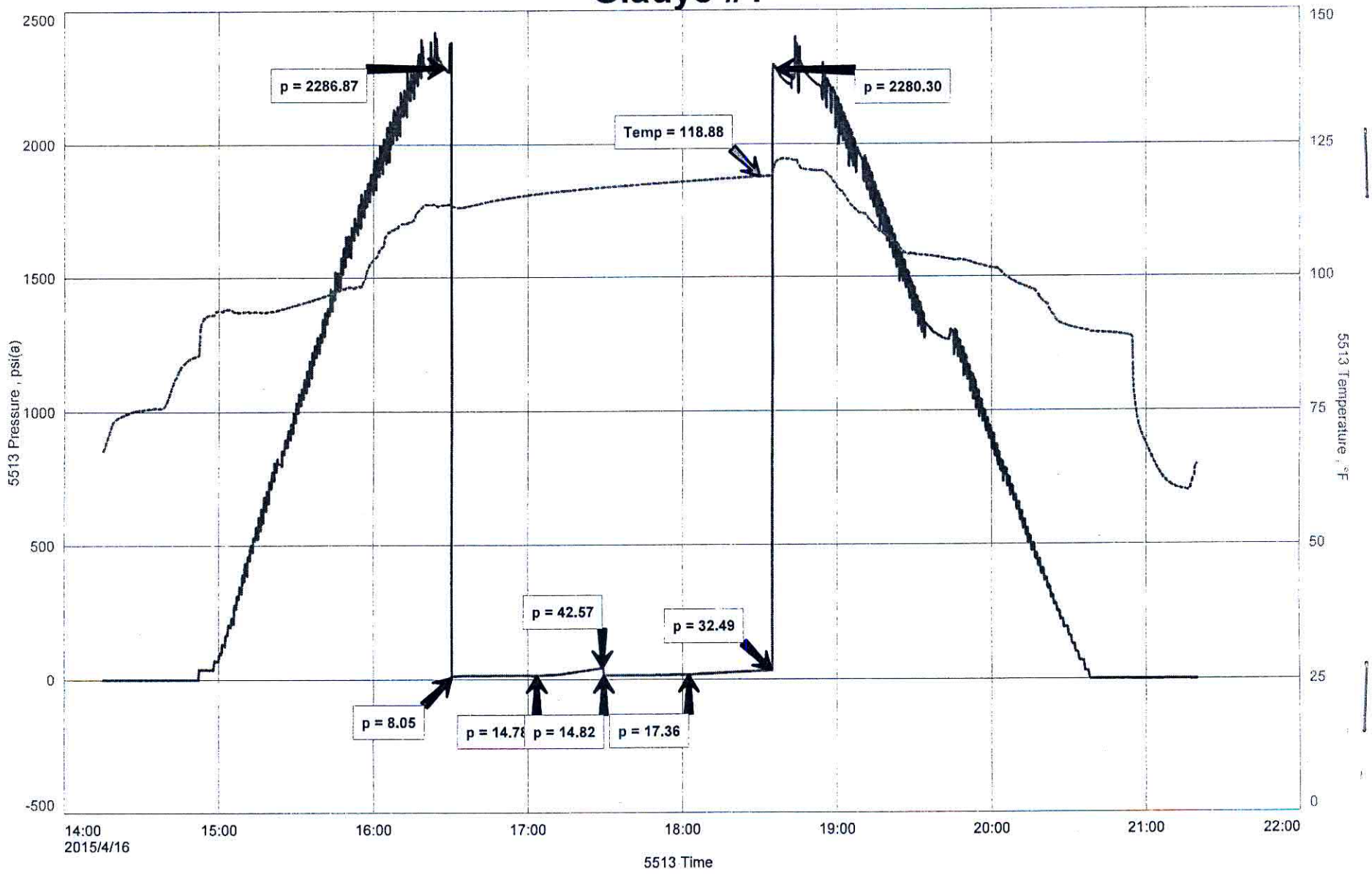
RECOVERED:

1	Mud With Oil Specks, <1% Oil, >99% Mud
1	TOTAL FLUID

Charles N Griffin
DST #3 Viola 4572-4587
Start Test Date: 2015/04/16
Final Test Date: 2015/04/16

Gladys #1
Formation: Viola
Pool: Wildcat
Job Number: K237

Gladys #1



****CELLS WITH BLUE BACKGROUND ARE THE ONLY CELLS TO BE EDITED****

Fracture Start Date/Time:	6/3/15 9:35
Fracture End Date/Time:	6/3/15 11:58
State:	Kansas
County:	Barber
API Number:	15-007-24273-0000
Operator Number:	GRIFFIN
Well Name:	Gladys #1
Federal Well:	Yes
Longitude:	-98.5989909
Latitude:	37.2306441
Long/Lat Projection:	NAD27
True Vertical Depth (TVD):	4,400'
Total Clean Fluid Volume* (gal):	369,900

FracFocus Chemical Disclosure Registry

(e.g. XX-XXX-XXXXX-0000)

anga America's Natural Gas Alliance

Additive	*Specific Gravity*	*Additive Quantity*	*Mass (lbs)*	
Water	1.00	369,900	*3,086,816*	*gal*
Sand (Proppant)	2.65	166,900	*166,900*	*lb*
Plexcide P5	0.96	40	*320*	*gal*
Plexcide P5	0.96	40	*320*	*gal*
Plexslick 957	1.11	259	*2,399*	*gal*
Plexgel Breaker XPA	1.03	73	*627*	*gal*
Plexset 730	0.00	0	*0*	*gal*
Plexsurf 580 ME	0.95	93	*737*	*gal*
Plexsurf 580 ME	0.90	93	*698*	*gal*
Plexgel 907L-EB	1.04	0	*0*	*gal*
Plexgel 907L-EB	1.04	0	*0*	*gal*
Plexgel 907L-EB	1.04	0	*0*	*gal*
Plexgel 907L-EB	1.04	0	*0*	*gal*
				gal
				gal
				gal
				gal
				gal
				gal
			Total Slurry Mass (Lbs)	
			3,258,819	

Ingredients Section:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Mass per Component (LBS)	Maximum Ingredient Concentration in HF Fluid (% by mass)**		Comments
Water	Operator	Carrier/Base Fluid	Water	7732-18-5	100.00%	*3,086,816*	*94.72192%*		
Sand (Proppant)	Uniman	Proppant	Crystalline Silica in the form of Quartz	14808-60-7	100.00%	*166,900*	*5.12149%*		
Plexcide P5	Chemplex	Biocide	Tributyl Tetradecyl Phosphonium Chloride	81741-28-8	5.00%	*16*	*0.00049%*		
Plexcide P5	Chemplex	Biocide	Methanol	67-56-1	20.00%	*64*	*0.00197%*		
Plexslick 957	Chemplex	Friction Reducer	Petroleum Hdrotreated Light Distillate	64742-47-8	0.00%	*0*	*0.00000%*		
Plexgel Breaker XPA	Chemplex	Slickwater Breaker	Hydrogen Peroxide	7722-84-1	7.00%	*44*	*0.00135%*		
Plexset 730	Chemplex	Activator	Methanol	67-56-1	50.00%	*0*	*0.00000%*		
Plexsurf 580 ME	Chemplex	Product Stabalizer	2-Butoxyethanol	111-76-2	60.00%	*442*	*0.01357%*		
Plexsurf 580 ME	Chemplex	Product Stabalizer	Methyl Alcohol	67-56-1	10.00%	*74*	*0.00226%*		
Plexgel 907L-EB	Chemplex	Gelling Agent	Guar Gum	9000-30-0	50.00%	*0*	*0.00000%*		
Plexgel 907L-EB	Chemplex	Gelling Agent	Alcohol Ethoxylates	34398-01-1	1.00%	*0*	*0.00000%*		
Plexgel 907L-EB	Chemplex	Gelling Agent	Crystalline Silica	14808-60-7	0.06%	*0*	*0.00000%*		
Plexgel 907L-EB	Chemplex	Gelling Agent	Distillates Hydrotreated Light	64742-47-8	50.00%	*0*	*0.00000%*		
									Non-MSDS Component
									Non-MSDS Component
									Non-MSDS Component
									Non-MSDS Component
									Non-MSDS Component
									Non-MSDS Component