



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1153178
OIL & GAS CONSERVATION DIVISION

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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

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 #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

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: _____ Date: _____



1153178

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input 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

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				

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	New Gulf Operating LLC
Well Name	Stucky 1-22
Doc ID	1153178

Tops

Name	Top	Datum
anhydrite	2484	719
Base Anhydrite	2502	701
Heebner	3987	-784
Lansing	4032	-829
Muncie Creek	4242	-1039
Stark	4302	-1099
Marmaton	4436	-1233
Altamont	4460	-1257
Pawnee	4534	-1332
Ft Scott	4578	-1375
Cherokee	4602	-1399
Johnson	4654	-1451
Morrow Shale	4732	-1529
Miss	4780	-1577

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

July 26, 2013

New Gulf Operating LLC
10441 S. Regal Blvd..
TULSA, OK 74133

Re: ACO1
API 15-203-20224-00-00
Stucky 1-22
NE/4 Sec.22-16S-35W
Wichita County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

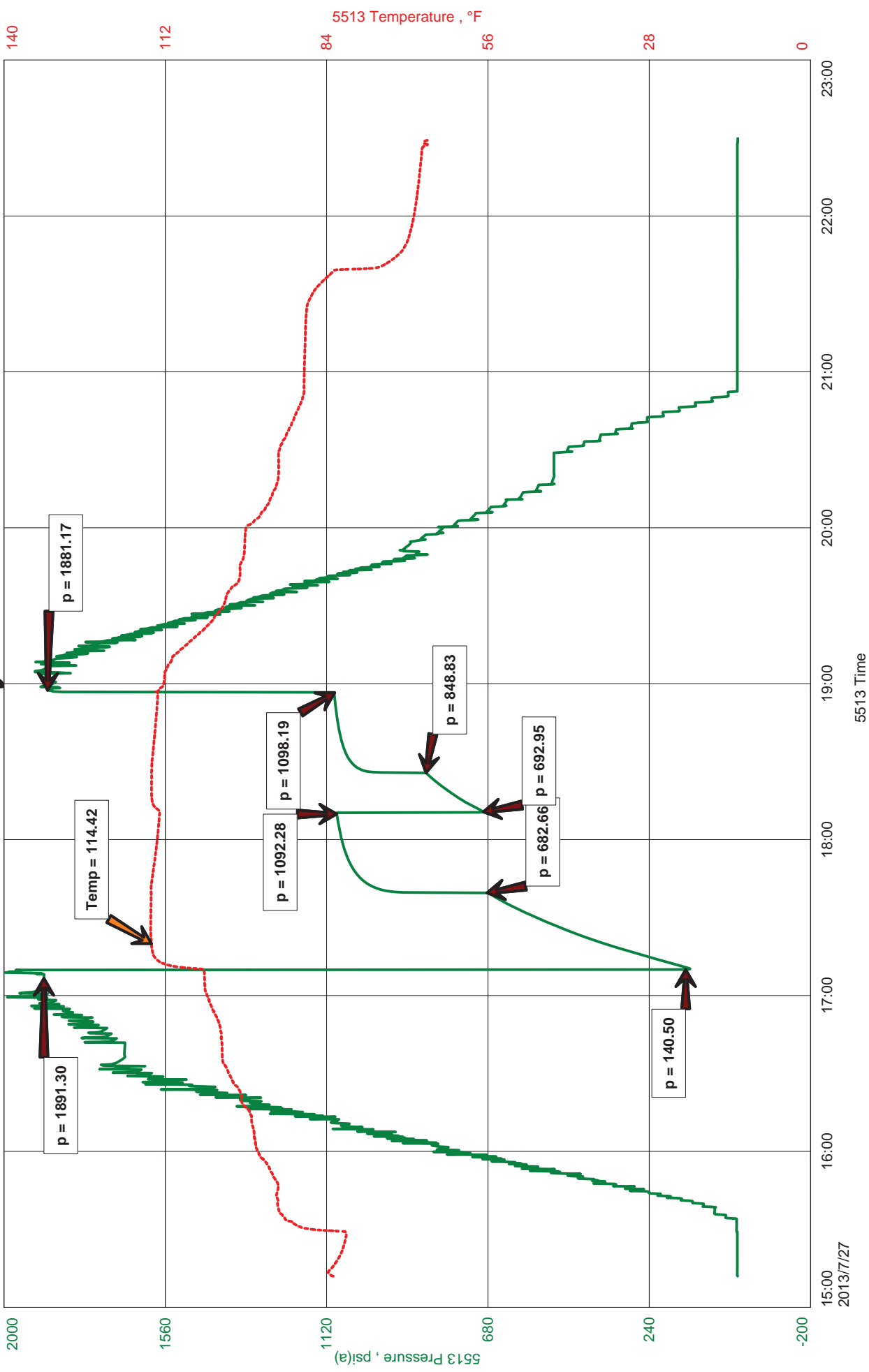
Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,

New Gulf Operating LLC
DST 1 Lansing A 4025-4062
Start Test Date: 2013/07/27
Final Test Date: 2013/07/27

Stucky 1-22
Formation: Lansing A
Pool: Wildcat
Job Number: K011

Stucky 1-22





JASON MCLEMORE

CELL # 620-6170527

General Information

Company Name	New Gulf Operating LLC	Job Number	K011
Contact	Jim Henkle	Representative	Jason McLemore
Well Name	Stucky 1-22	Well Operator	New Gulf Operating LLC
Unique Well ID	DST 1 Lansing A 4025-4062	Prepared By	Jason McLemore
Surface Location	22-16s-35w-Wichita	Qualified By	Larry Nicholson
Field	Wildcat	Test Unit	#7
Well Type	Vertical		

Test Information

Test Type	Drill Stem Test	Representative	Jason McLemore
Formation	Lansing A	Well Operator	New Gulf Operating LLC
Well Fluid Type	01 Oil	Report Date	2013/07/27
Test Purpose (AEUB)		Prepared By	Jason McLemore

Start Test Date	2013/07/27	Start Test Time	15:12:00
Final Test Date	2013/07/27	Final Test Time	22:31:00

Test Results

Recovered:
1890 Muddy Water 95%W, 5%M
1890 TOTAL FLUID

Tool Sample: 100%Water

CHLORIDES 43,000
PH: 7
RW .250 @ 68



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: charles1dst3

TIME ON: 15:12:00
TIME OFF: 22:31:00

Company New Gulf Operating, LLC Lease & Well No. Stucky 1-22
Contractor Val 4 Charge to New Gulf Operating, LLC
Elevation 3203 Formation Lansing "A" Effective Pay _____ Ft. Ticket No. K011
Date 7-27-2013 Sec. 22 Twp. _____ 16 S Range _____ 35 W County Wichita State KANSAS
Test Approved By Larry Nicholson Diamond Representative Jason McLemore

Formation Test No. 1 Interval Tested from 4025 ft. to 4062 ft. Total Depth 4062 ft.
Packer Depth 4021 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4025 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4007 ft. Recorder Number 5513 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4022 ft. Recorder Number 13338 Cap. 4950 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 45 Drill Collar Length 31 ft. I.D. 2 1/4 in.
Weight 9.0 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3000 P.P.M. Drill Pipe Length 3961 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out _____ Anchor Length 37 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Strong, BOB in 1 Min., No Return Blow
2nd Open: Strong, BOB in 2 Min., No Return Blow

Recovered 1890 ft. of Muddy Water, 95%W, 5%M
Recovered 1890 ft. of Total Fluid
Recovered _____ ft. of Tool Sample: 100%W
Recovered _____ ft. of Chlorides: 43000

Recovered _____ ft. of <u>PH:7</u>	Price Job
Recovered _____ ft. of <u>RW .250 @ 68</u>	Other Charges
Remarks: _____	Insurance
	Total

Time Set Packer(s) 5:11 PM A.M. P.M. Time Started Off Bottom 6:56 PM A.M. P.M. Maximum Temperature 114

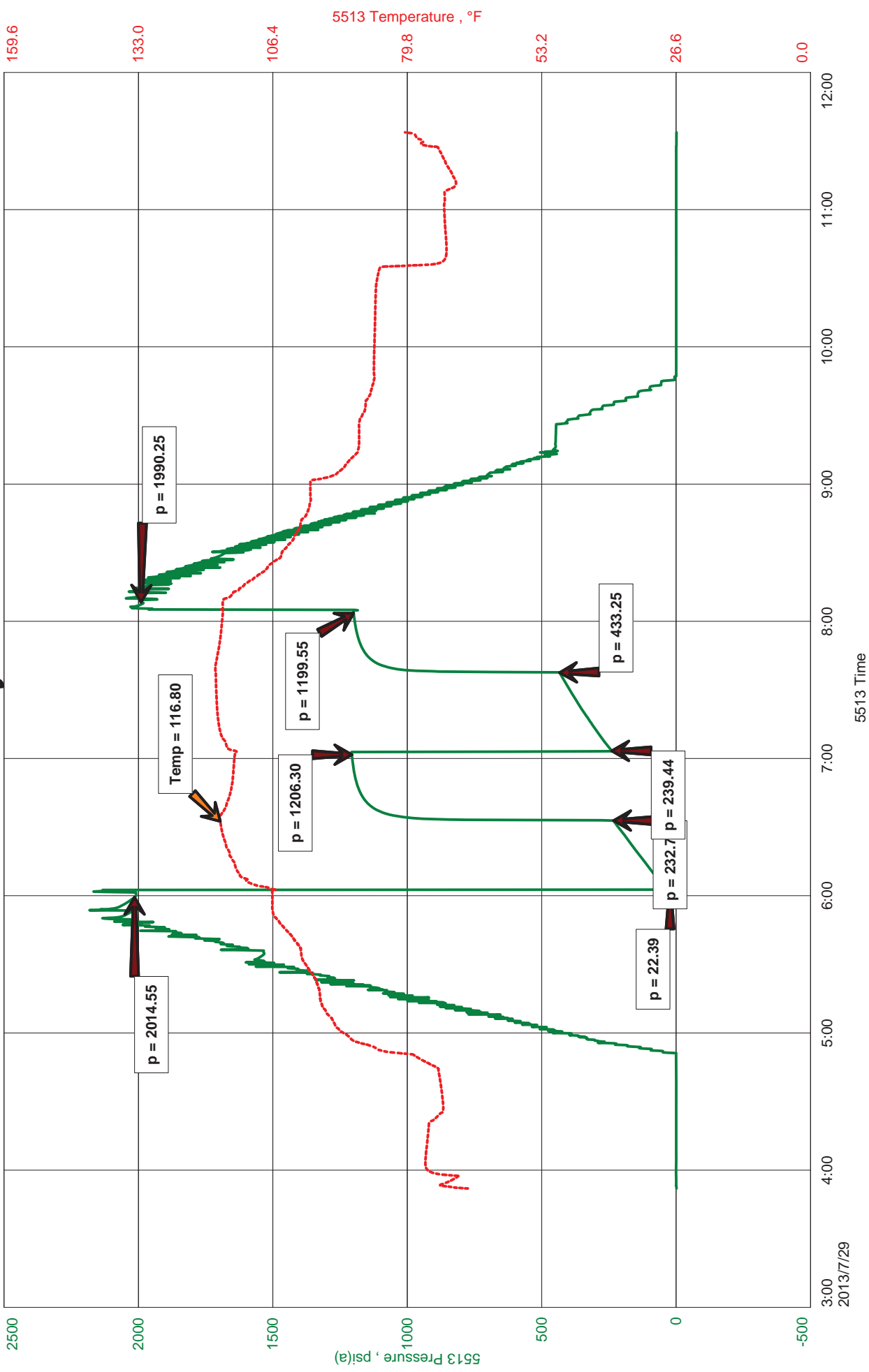
Initial Hydrostatic Pressure..... (A) 1891 P.S.I.
Initial Flow Period..... Minutes 30 (B) 141 P.S.I. to (C) 683 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 1092 P.S.I.
Final Flow Period..... Minutes 15 (E) 693 P.S.I. to (F) 849 P.S.I.
Final Closed In Period..... Minutes 30 (G) 1098 P.S.I.
Final Hydrostatic Pressure..... (H) 1881 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

New Gulf Operating LLC
DST 2 I-J 4259-4305
Start Test Date: 2013/07/29
Final Test Date: 2013/07/29

Stucky 1-22
Formation: I-J
Pool: Wildcat
Job Number: K012

Stucky 1-22





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: stucky1-22dst2

TIME ON: 03:52:00
TIME OFF: 11:34:00

Company New Gulf Operating, LLC Lease & Well No. Stucky 1-22
Contractor Val 4 Charge to New Gulf Operating, LLC
Elevation 3203 Formation _____ I-J Effective Pay _____ Ft. Ticket No. K012
Date 7-29-13 Sec. 22 Twp. _____ 16 S Range _____ 35 W County Wichita State KANSAS
Test Approved By Larry Nicholson Diamond Representative Jason McLemore

Formation Test No. 2 Interval Tested from 4259 ft. to 4305 ft. Total Depth 4305 ft.
Packer Depth 4254 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4259 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4240 ft. Recorder Number 5513 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4256 ft. Recorder Number 13338 Cap. 4950 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 48 Drill Collar Length 31 ft. I.D. 2 1/4 in.
Weight 8.9 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3900 P.P.M. Drill Pipe Length 4235 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number yes Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out no Anchor Length 46 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Good Blow, BOB in 7-1/2 Min. No Return Blow
2nd Open: Good Blow, BOB in 10 Min. No Return Blow

Recovered 250 ft. of VSOCMW 1%O, 97%W, 2%M
Recovered 695 ft. of MW 98%W, 2%M
Recovered _____ ft. of Tool Sample: 3%O-97%W
Recovered _____ ft. of Chlorides: 28000

Recovered _____ ft. of <u>PH:7</u>	Price Job
Recovered _____ ft. of <u>RW .250 @ 66</u>	Other Charges
Remarks: _____	Insurance
_____	Total

Time Set Packer(s) 6:02 AM A.M. P.M. Time Started Off Bottom 8:02 AM A.M. P.M. Maximum Temperature 117

Initial Hydrostatic Pressure..... (A) 2009 P.S.I.
Initial Flow Period..... Minutes 30 (B) 30 P.S.I. to (C) 227 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 1207 P.S.I.
Final Flow Period..... Minutes 30 (E) 239 P.S.I. to (F) 434 P.S.I.
Final Closed In Period..... Minutes 30 (G) 1200 P.S.I.
Final Hydrostatic Pressure..... (H) 1990 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



JASON MCLEMORE

CELL # 620-6170527

General Information

Company Name	New Gulf Operating LLC	Job Number	K012
Contact	Jim Henkle	Representative	Jason mcLemore
Well Name	Stucky 1-22	Well Operator	New Gulf Operating LLC
Unique Well ID	DST 2 I-J 4259-4305	Prepared By	Jason McLemore
Surface Location	22-16s-35w-Wichita	Qualified By	Larry Nicholson
Field	Wildcat	Test Unit	#7
Well Type	Vertical		

Test Information

Test Type	Drill Stem Test	Representative	Jason mcLemore
Formation	I-J	Well Operator	New Gulf Operating LLC
Well Fluid Type	01 Oil	Report Date	
Test Purpose (AEUB)	Initial Test	Prepared By	Jason McLemore
Start Test Date	2013/07/29	Start Test Time	03:52:00
Final Test Date	2013/07/29	Final Test Time	11:34:00

Test Results

Recovered

250	VSOCMW 1%O, 97%W, 2%M
695	MW 98%W, 2%M
945	Total Fluid

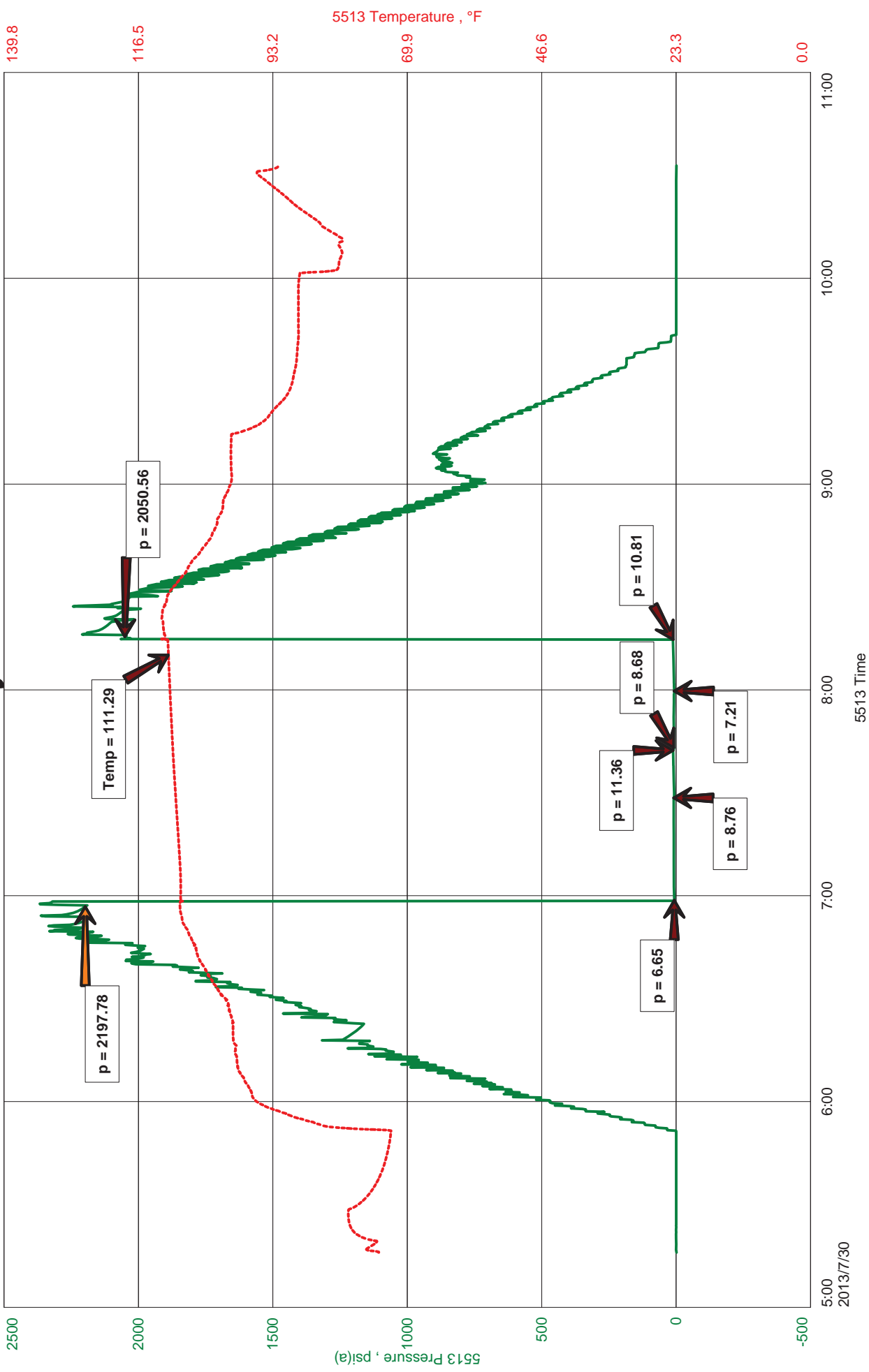
Tool Sample 3%O, 97%W

CHLORIDES 28000
PH: 7
RW .250 @ 66

New Gulf Operating LLC
DST #3 Marmaton 4463-4472
Start Test Date: 2013/07/30
Final Test Date: 2013/07/30

Stucky 1-22
Formation: Marmaton
Pool: Wildcat
Job Number: K013

Stucky 1-22





JASON MCLEMORE

CELL # 620-6170527

General Information

Company Name	New Gulf Operating LLC		
Contact	Jim Henkle	Job Number	K013
Well Name	Stucky 1-22	Representative	Jason McLemore
Unique Well ID	DST #3 Marmaton 4463-4472	Well Operator	New Gulf Operating LLC
Surface Location	22-16s-35w-Wichita	Prepared By	Jason McLemore
Field	Wildcat	Qualified By	Larry Nicholson
Well Type	Vertical	Test Unit	#7

Test Information

Test Type	Drill Stem Test	Representative	Jason McLemore
Formation	Marmaton	Well Operator	New Gulf Operating LLC
Well Fluid Type	01 Oil	Report Date	2013/07/30
Test Purpose (AEUB)		Prepared By	Jason McLemore

Start Test Date	2013/07/30	Start Test Time	05:16:00
Final Test Date	2013/07/30	Final Test Time	10:34:00

Test Results

Recovered:
1' Drilling Mud
1' Total Fluid

Tool Sample 100% Mud



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: stucky1-22dst3

TIME ON: 05:16:00
TIME OFF: 10:34:00

Company New Gulf Operating, LLC Lease & Well No. Stucky 1-22
Contractor Val 4 Charge to New Gulf Operating, LLC
Elevation 3203 Formation Marmaton Effective Pay _____ Ft. Ticket No. K013
Date 7-30-13 Sec. 22 Twp. 16 S Range 35 W County Wichita State KANSAS
Test Approved By Larry Nicholson Diamond Representative Jason McLemore

Formation Test No. 3 Interval Tested from 4463 ft. to 4472 ft. Total Depth 4472 ft.
Packer Depth 4458 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4463 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4444 ft. Recorder Number 5513 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4460 ft. Recorder Number 13338 Cap. 4950 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 51 Drill Collar Length 31 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 5200 P.P.M. Drill Pipe Length 4399 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 7 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out no Anchor Length 9 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Weak Surface Blow, Died in 8 Min. No Return Blow
2nd Open: Dead, Shut in Dead

Recovered 1 ft. of Drilling Mud
Recovered 1 ft. of Total Fluid
Recovered _____ ft. of Tool Sample: 100% Mud
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
_____	Total

Time Set Packer(s) 6:59 AM A.M. P.M. Time Started Off Bottom 8:14 AM A.M. P.M. Maximum Temperature 111

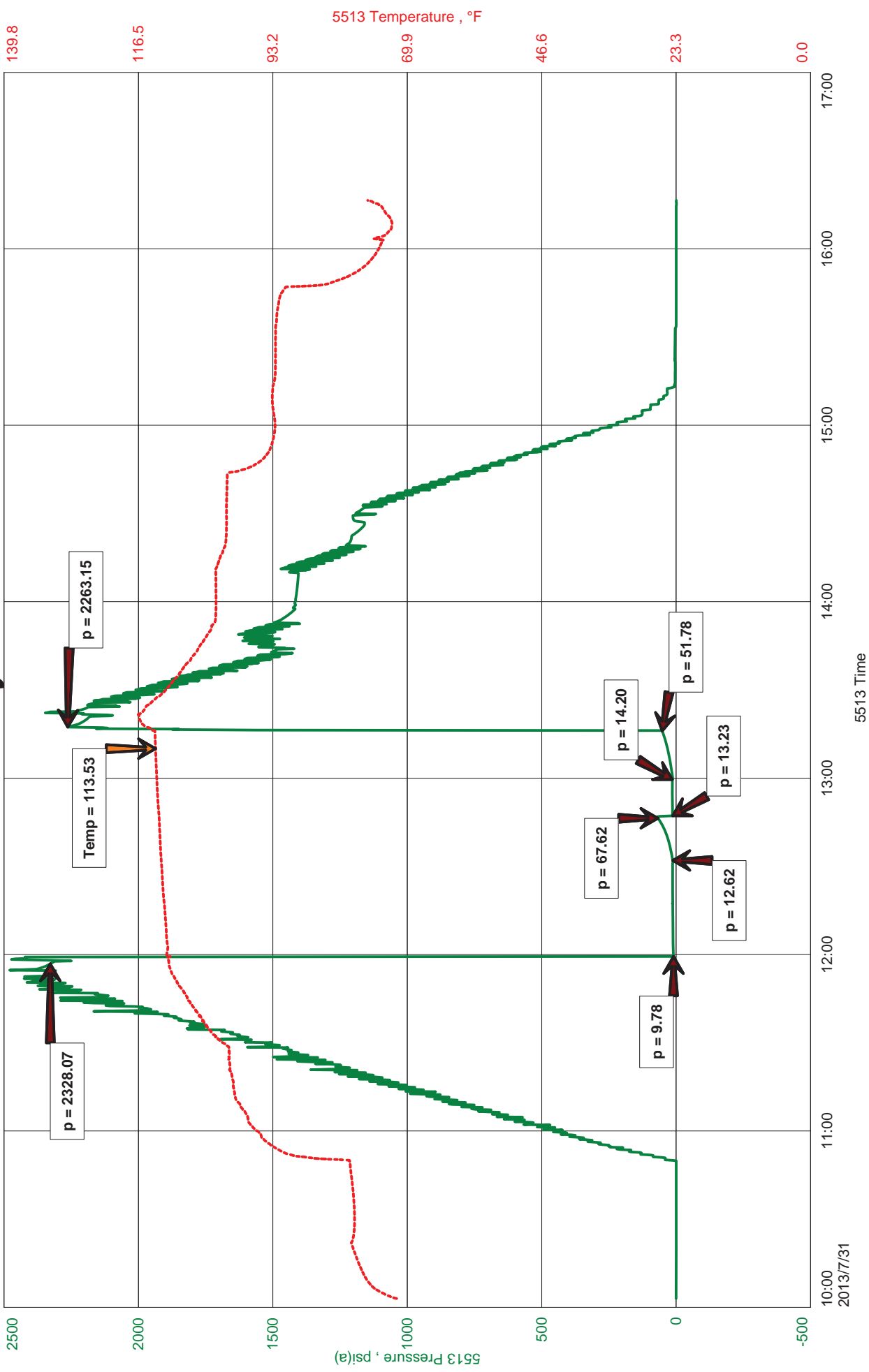
Initial Hydrostatic Pressure..... (A) 2197 P.S.I.
Initial Flow Period..... Minutes 30 (B) 7 P.S.I. to (C) 9 P.S.I.
Initial Closed In Period..... Minutes 15 (D) 11 P.S.I.
Final Flow Period..... Minutes 15 (E) 9 P.S.I. to (F) 7 P.S.I.
Final Closed In Period..... Minutes 15 (G) 11 P.S.I.
Final Hydrostatic Pressure..... (H) 2051 P.S.I.

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New Gulf Operating, LLC
DST #4 Johnson 4656-4692
Start Test Date: 2013/07/31
Final Test Date: 2013/07/31

Stucky 1-22
Formation: Johnson
Pool: Wildcat
Job Number: K014

Stucky 1-22





JASON MCLEMORE

CELL # 620-6170527

General Information

Company Name	New Gulf Operating, LLC	Job Number	K014
Contact	Jim Henkle	Representative	Jason McLemore
Well Name	Stucky 1-22	Well Operator	New Gulf Operating, LLC
Unique Well ID	DST #4 Johnson 4656-4692	Prepared By	Jason McLemore
Surface Location	22-16s-35w-Wichita	Qualified By	Larry Nicholson
Field	Wildcat	Test Unit	#7
Well Type	Vertical		

Test Information

Test Type	Drill Stem Test	Representative	Jason McLemore
Formation	Johnson	Well Operator	New Gulf Operating, LLC
Well Fluid Type	01 Oil	Report Date	2013/07/31
Test Purpose (AEUB)		Prepared By	Jason McLemore

Start Test Date	2013/07/31	Start Test Time	10:03:00
Final Test Date	2013/07/31	Final Test Time	04:15:00

Test Results

Recovered:
 2' Drilling Mud
 2" Total Fluid

Tool Sample: 100% Mud



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: stucky1-22dst4

TIME ON: 10:03:00
TIME OFF: 16:15:00

Company New Gulf Operating, LLC Lease & Well No. Stucky 1-22
Contractor Val 4 Charge to New Gulf Operating, LLC
Elevation 3203 Formation Johnson Effective Pay _____ Ft. Ticket No. K014
Date 7-31-13 Sec. 22 Twp. _____ 16 S Range _____ 35 W County Wichita State KANSAS
Test Approved By Larry Nicholson Diamond Representative Jason McLemore

Formation Test No. 4 Interval Tested from 4656 ft. to 4692 ft. Total Depth 4692 ft.
Packer Depth 4651 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4656 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4637 ft. Recorder Number 5513 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4653 ft. Recorder Number 13338 Cap. 4950 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 54 Drill Collar Length 31 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 6000 P.P.M. Drill Pipe Length 4592 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 7 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out no Anchor Length 36 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Weak Surface low on Open, Dead After 3 Min.
2nd Open: Dead, Shut in Dead

Recovered 2 ft. of Drilling Mud
Recovered 2 ft. of Total Fluid
Recovered _____ ft. of Tool Sample: 100% Mud
Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
_____	Total

Time Set Packer(s) 12:00 PM A.M. P.M. Time Started Off Bottom 1:15 PM A.M. P.M. Maximum Temperature 114

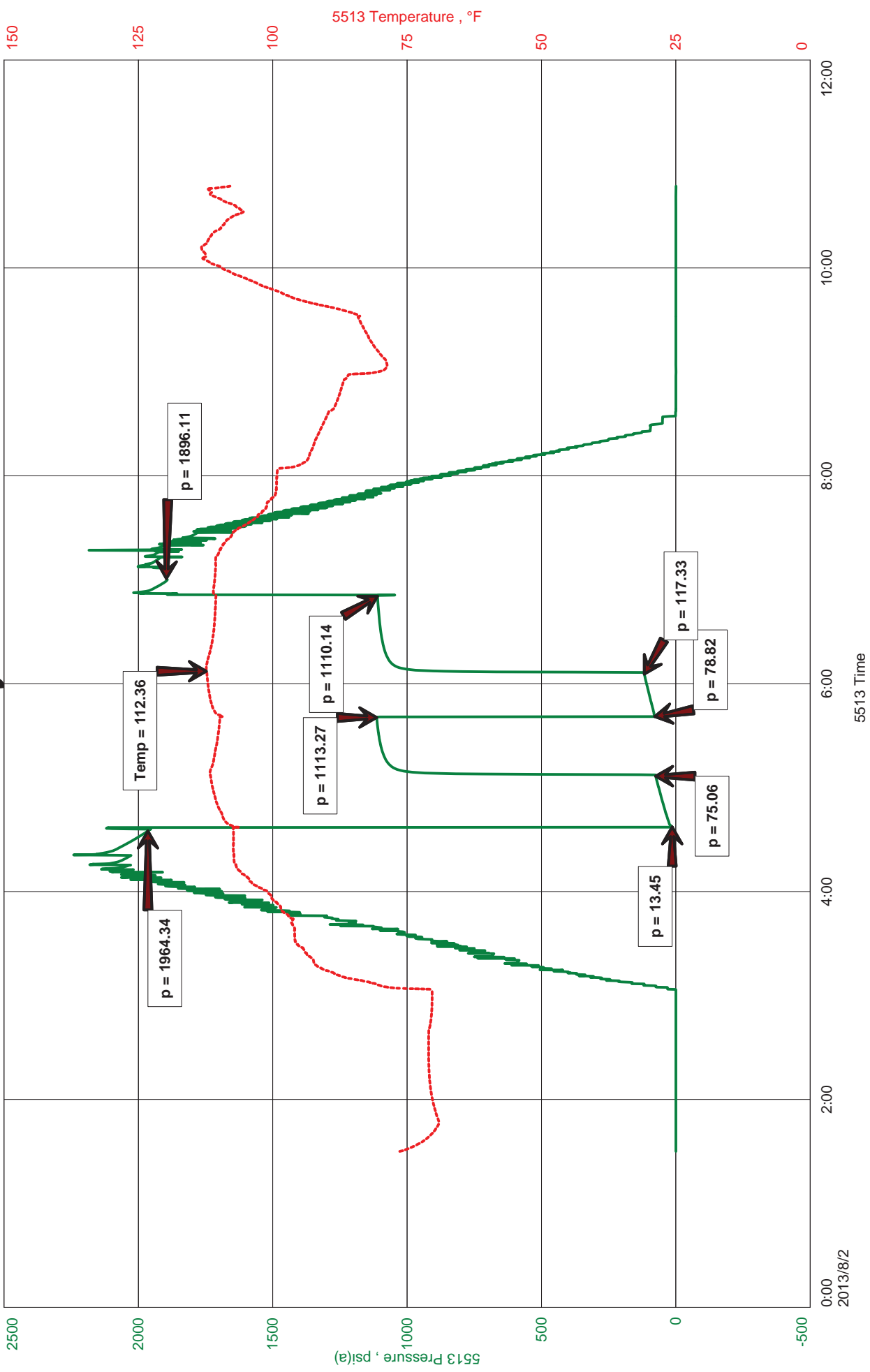
Initial Hydrostatic Pressure..... (A) 2328 P.S.I.
Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 13 P.S.I.
Initial Closed In Period..... Minutes 15 (D) 68 P.S.I.
Final Flow Period..... Minutes 15 (E) 13 P.S.I. to (F) 14 P.S.I.
Final Closed In Period..... Minutes 15 (G) 52 P.S.I.
Final Hydrostatic Pressure..... (H) 2263 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

New Gulf Operating LLC
DST 5 "B" 4075-4095
Start Test Date: 2013/08/02
Final Test Date: 2013/08/02

Stucky 1-22
Formation: "B"
Pool: Wildcat
Job Number: K015

Stucky 1-22





JASON MCLEMORE

CELL # 620-6170527

General Information

Company Name	New Gulf Operating LLC	Job Number	K015
Contact	Jim Henkle	Representative	Jason McLemore
Well Name	Stucky 1-22	Well Operator	New Gulf Operating LLC
Unique Well ID	DST 5 "B" 4075-4095	Prepared By	Jason McLemore
Surface Location	22-16s-35w-Wichita	Qualified By	Larry Nicholson
Field	Wildcat	Test Unit	#7
Well Type	Vertical		

Test Information

Test Type	Drill Stem Test	Representative	Jason McLemore
Formation	"B"	Well Operator	New Gulf Operating LLC
Well Fluid Type	01 Oil	Report Date	2013/08/02
Test Purpose (AEUB)	Initial Test	Prepared By	Jason McLemore

Start Test Date	2013/08/02	Start Test Time	01:30:00
Final Test Date	2013/08/02	Final Test Time	12:30:00

Test Results

Recovered:

10	VSOCMW	<1%O, 98%W, 2%M
200	MW	98%W, 2%M
210	Total Fluid	

CHLORIDES: 32000
 PH: 7
 RW: .110 @ 86

tool Sample-100%W



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: stucky1-22dst5

TIME ON: 01:30:00
TIME OFF: 12:30:00

Company New Gulf Operating, LLC Lease & Well No. Stucky 1-22
Contractor Val 4 Charge to New Gulf Operating, LLC
Elevation 3203 Formation "B" Effective Pay _____ Ft. Ticket No. K015
Date 8-2-13 Sec. 22 Twp. 16 S Range 35 W County Wichita State KANSAS
Test Approved By Larry Nicholson Diamond Representative Jason McLemore

Formation Test No. 5 Interval Tested from 4075 ft. to 4095 ft. Total Depth 4902 ft.
Packer Depth 4070 ft. Size 6 3/4 in. Packer depth 4095 ft. Size 6 3/4 in.
Packer Depth 4075 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4056 ft. Recorder Number 5513 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4092 ft. Recorder Number 13306 Cap. 4625 P.S.I.
Below Straddle Recorder Depth 4899 ft. Recorder Number 13338 Cap. 4950 P.S.I.

Mud Type Chemical Viscosity 54 Drill Collar Length 31 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 6200 P.P.M. Drill Pipe Length 4042 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 7 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out no Anchor Length 20 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 801' DP in Anchor Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Fair Blow, BOB in 27 1/2 Min. No Return Blow
2nd Open: Fair Blow, Built to 8" No Return Blow

Recovered 10 ft. of VSOCWM <1%O, 98%W, 2%M
Recovered 200 ft. of MW 98%W, 2%M
Recovered 210 ft. of Total Fluid
Recovered _____ ft. of Tool Sample: 100%W

Recovered _____ ft. of <u>CHLORIDES: 32000</u>	Price Job
Recovered _____ ft. of <u>PH: 7</u>	Other Charges
Remarks: <u>RW .1110 @ 86</u>	Insurance
	Total

Time Set Packer(s) 5:59 AM A.M. 8:14 AM A.M. Time Started Off Bottom 8:14 AM P.M. Maximum Temperature 112

Initial Hydrostatic Pressure..... (A) 1964 P.S.I.
Initial Flow Period..... Minutes 30 (B) 13 P.S.I. to (C) 75 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 1113 P.S.I.
Final Flow Period..... Minutes 30 (E) 79 P.S.I. to (F) 117 P.S.I.
Final Closed In Period..... Minutes 30 (G) 1110 P.S.I.
Final Hydrostatic Pressure..... (H) 1896 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

