



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1169244
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: _____

1169244

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> <input type="checkbox"/> Other <i>(Specify)</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	Hockersmith 1-34
Doc ID	1169244

Tops

Name	Top	Datum
Anhydrite	2573	478
Base Anhydrite	2608	451
Heebner	4028	-969
Lansing	4073	-1014
Muncie Creek	4204	-1145
Stark	4284	-1225
Marmaton	4379	-1320
Ft. Scott	4542	-1483
Cherokee	4568	-1509
Johnson	4611	-1552
Atokan Sand	4630	-1571
Morrow Shale	4636	-1577
Morrow Sand	4645	-1586
Mississippian	4680	-1621

DIAMOND TESTING

General Information Report

General Information

Company Name NEW GULF OPERATING, LLC
Contact JIM HENKLE
Well Name HOCKERSMITH #1-34
Unique Well ID DST #1, LKC "H", 4194-4232
Surface Location SEC 34-11S-32W, LOGAN CO. KS.
Field WILDCAT
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #1, LKC "H", 4194-4232
Well Fluid Type 01 Oil

Representative TIM VENTERS
Well Operator NEW GULF OPERATING, LLC
Report Date 2013/11/22
Prepared By TIM VENTERS
Qualified By STEVE MURPHY

Start Test Date 2013/11/21
Final Test Date 2013/11/22

Start Test Time 13:00:00
Final Test Time 00:45:00

Test Recovery:

RECOVERED: 305' GAS IN PIPE
5' SWCO, 95% OIL, 5% WATER, GRAVITY: 34
60' SM&WCO, 75% OIL, 19% WATER, 6% MUD
500' HW&MCO, 42% OIL, 37% WATER, 21% MUD
375' SO&MCW, 7% OIL, 82% WATER, 11% MUD
60' W W/TR. O, TRACE OIL, 100% WATER
1000' TOTAL FLUID

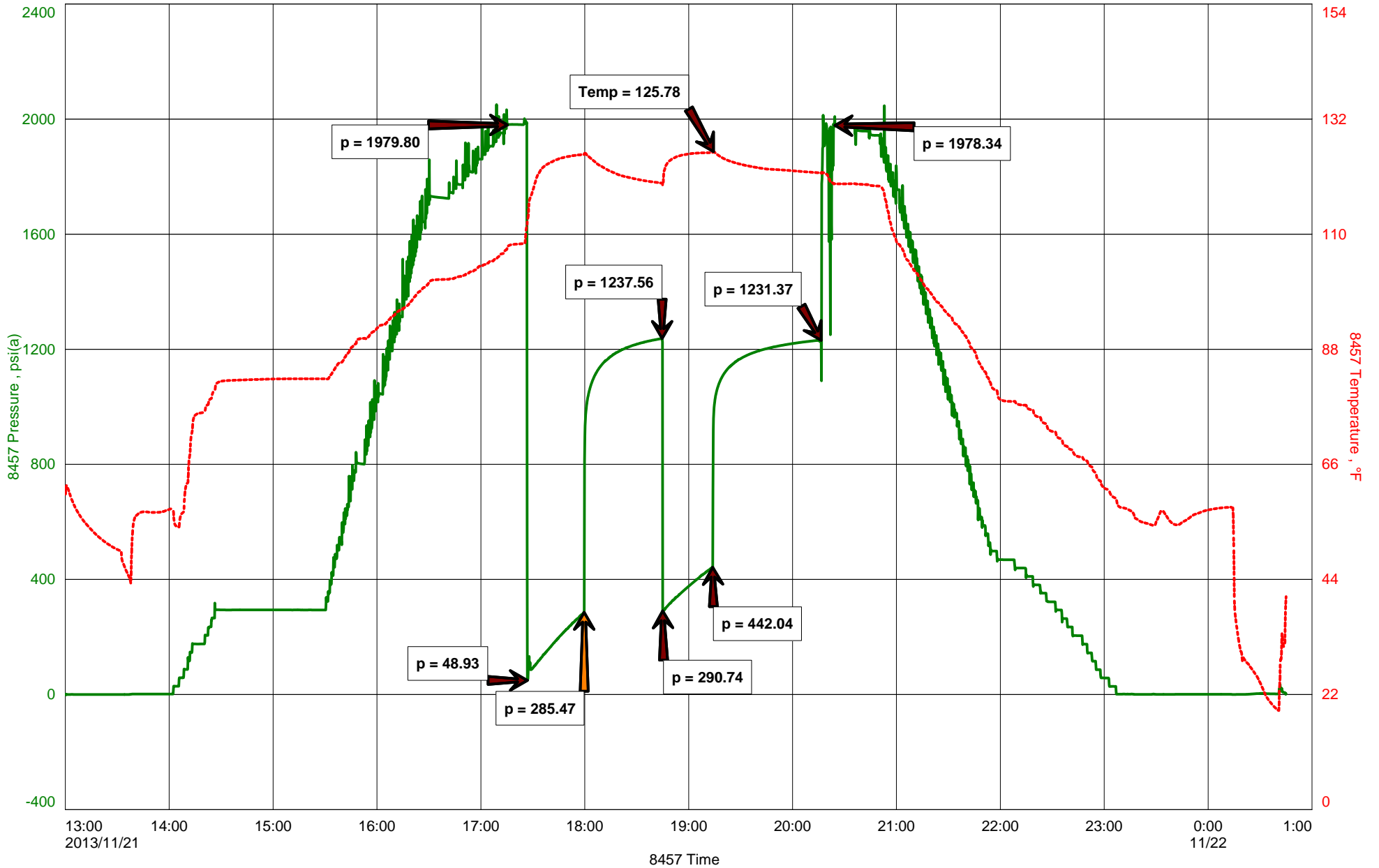
TOOL SAMPLE: TRACE OIL, 100% WATER

CHLORIDES: 91,000 ppm
PH: 7.0

NEW GULF OPERATING, LLC
DST #1, LKC "H", 4194-4232
Start Test Date: 2013/11/21
Final Test Date: 2013/11/22

HOCKERSMITH #1-34
Formation: DST #1, LKC "H", 4194-4232
Pool: WILDCAT
Job Number: T285

HOCKERSMITH #1-34





DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313

TIME ON: 13:00 11-21-13
 TIME OFF: 00:45 11-22-13

DRILL-STEM TEST TICKET
 FILE: HICKERSMITH1-34DST1

Company NEW GULF OPERATING, LLC Lease & Well No. HOCKERSMITH #1-34
 Contractor VAL ENERGY, INC. RIG #7 Charge to NEW GULF OPERATING, LLC
 Elevation 3059 KB Formation LKC "H" Effective Pay _____ Ft. Ticket No. T285
 Date 11-21-13 Sec. 34 Twp. _____ 11 S Range _____ 32 W County LOGAN State KANSAS
 Test Approved By STEVE MURPHY Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 1 Interval Tested from 4194 ft. to 4232 ft. Total Depth 4232 ft.
 Packer Depth 4189 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4194 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4175 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
 Bottom Recorder Depth (Outside) 4229 ft. Recorder Number 11030 Cap. 5,025 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 49 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.1 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 2,000 P.P.M. Drill Pipe Length 4161 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 2 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 38 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 4 INCH BLOW, BUILDING, REACHING BOB 3 1/2 MIN. (NO BB)
 2nd Open: WEAK 1/2 INCH BLOW, BUILDING, REACHING BOB 7 1/2 MIN. (5" BB)

Recovered <u>305</u> ft. of <u>GAS IN PIPE</u>	
Recovered <u>5</u> ft. of <u>SWCO, 95% OIL, 5% WATER, GRAVITY: 34</u>	
Recovered <u>60</u> ft. of <u>SM&WCO, 75% OIL, 19% WATER, 6% MUD</u>	
Recovered <u>500</u> ft. of <u>HW&MCO, 42% OIL, 37% WATER, 21% MUD</u>	
Recovered <u>375</u> ft. of <u>SO&MCW, 7% OIL, 82% WATER, 11% MUD</u>	Price Job
Recovered <u>60</u> ft. of <u>W W/TR. O, TRACE OIL, 100% WATER</u>	Other Charges
Remarks: <u>1000ft. TOTAL FLUID. CHLORIDES: 91,000 ppm</u>	Insurance
<u>PH: 7.0</u>	
<u>TOOL SAMPLE: TRACE OIL, 100% WATER</u>	Total

Time Set Packer(s) 5:26 PM A.M. P.M. Time Started Off Bottom 8:13 PM A.M. P.M. Maximum Temperature 126 deg.

Initial Hydrostatic Pressure..... (A) 1980 P.S.I.
 Initial Flow Period..... Minutes 32 (B) 49 P.S.I. to (C) 285 P.S.I.
 Initial Closed In Period..... Minutes 45 (D) 1238 P.S.I.
 Final Flow Period..... Minutes 30 (E) 291 P.S.I. to (F) 442 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 1231 P.S.I.
 Final Hydrostatic Pressure..... (H) 1978 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.

DIAMOND TESTING

General Information Report

General Information

Company Name NEW GULF OPERATING, LLC
Contact JIM HENKLE
Well Name HOCKERSMITH #1-34
Unique Well ID DST #2, LKC "I", 4234-4261
Surface Location SEC 34-11S-32W, LOGAN CO. KS.
Field WILDCAT
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #2, LKC "I", 4234-4261
Well Fluid Type 01 Oil

Representative TIM VENTERS
Well Operator NEW GULF OPERATING, LLC
Report Date 2013/11/22
Prepared By TIM VENTERS
Qualified By STEVE MURPHY

Start Test Date 2013/11/22
Final Test Date 2013/11/22

Start Test Time 11:03:00
Final Test Time 19:43:00

Test Recovery:

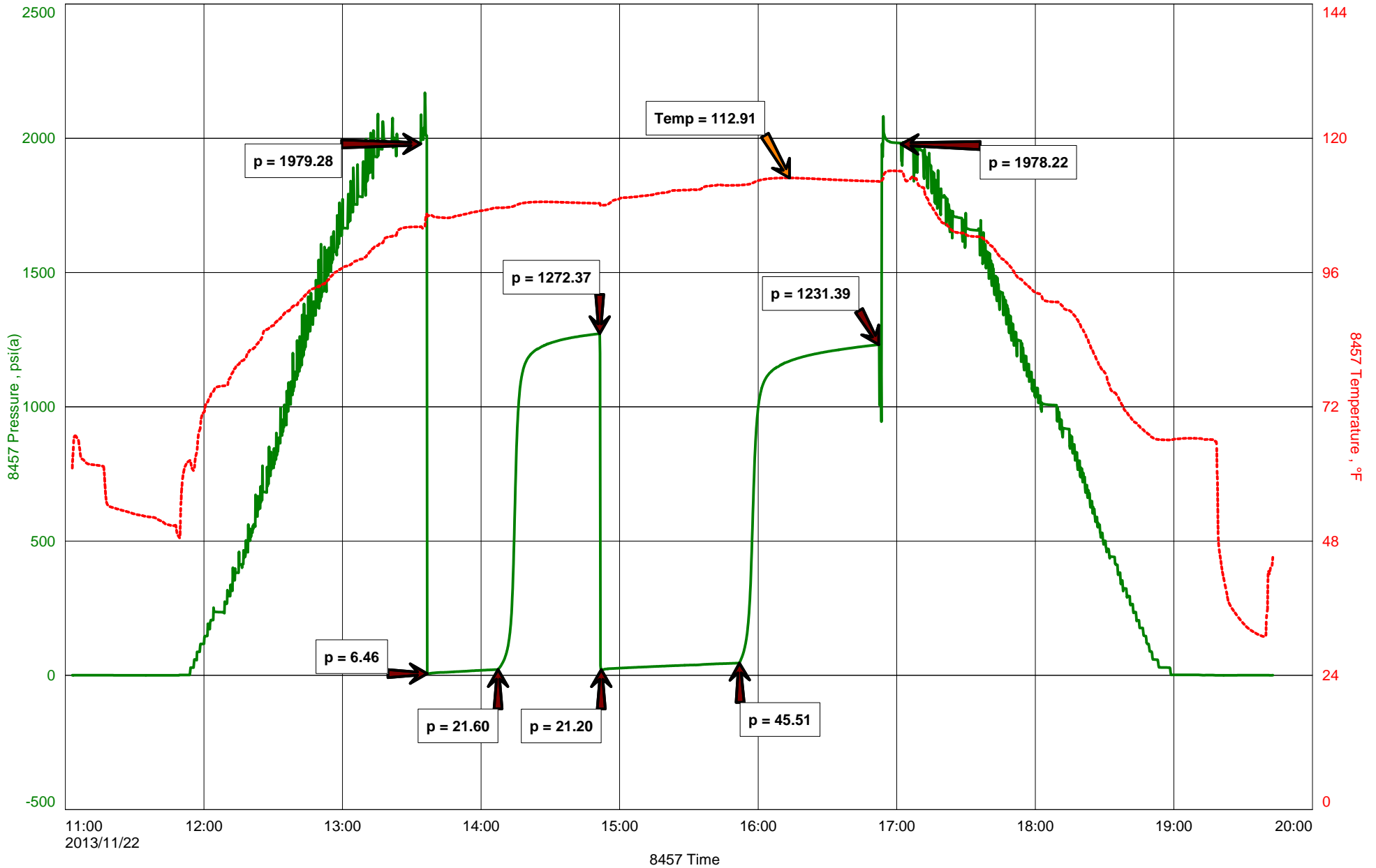
RECOVERED: 330' GAS IN PIPE
105' MCO, 68% OIL, 32% MUD

TOOL SAMPLE: 56% OIL, 44% MUD

NEW GULF OPERATING, LLC
DST #2, LKC "I", 4234-4261
Start Test Date: 2013/11/22
Final Test Date: 2013/11/22

HOCKERSMITH #1-34
Formation: DST #2, LKC "I", 4234-4261
Pool: WILDCAT
Job Number: T286

HOCKERSMITH #1-34





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: HICKERSMITH1-34DST2

TIME ON: 11:03
TIME OFF: 19:43

Company NEW GULF OPERATING, LLC Lease & Well No. HOCKERSMITH #1-34
Contractor VAL ENERGY, INC. RIG #7 Charge to NEW GULF OPERATING, LLC
Elevation 3059 KB Formation LKC "I" Effective Pay _____ Ft. Ticket No. T286
Date 11-22-13 Sec. 34 Twp. _____ 11 S Range _____ 32 W County LOGAN State KANSAS
Test Approved By STEVE MURPHY Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 2 Interval Tested from 4234 ft. to 4261 ft. Total Depth 4261 ft.
Packer Depth 4229 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4234 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4215 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 4258 ft. Recorder Number 11030 Cap. 5,025 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 56 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 6.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,000 P.P.M. Drill Pipe Length 4201 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 2 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 27 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, BUILDING TO 11 1/2 INCHES. (WS BB)
2nd Open: WEAK 1 INCH BLOW, BUILDING, REACHING BOB 25 MIN. (NO BB)

Recovered 330 ft. of GAS IN PIPE
Recovered 105 ft. of MCO, 68% OIL, 32% MUD, GRAVITY: 37
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>56% OIL, 44% MUD</u>	Total

Time Set Packer(s) 1:36 PM A.M. P.M. Time Started Off Bottom 4:51 PM A.M. P.M. Maximum Temperature 113 deg.

Initial Hydrostatic Pressure..... (A) 1979 P.S.I.
Initial Flow Period..... Minutes 30 (B) 6 P.S.I. to (C) 22 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1272 P.S.I.
Final Flow Period..... Minutes 60 (E) 21 P.S.I. to (F) 46 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1231 P.S.I.
Final Hydrostatic Pressure..... (H) 1978 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.

DIAMOND TESTING

General Information Report

General Information

Company Name	NEW GULF OPERATING, LLC	Representative	TIM VENTERS
Contact	JIM HENKLE	Well Operator	NEW GULF OPERATING, LLC
Well Name	HOCKERSMITH #1-34	Report Date	2013/11/23
Unique Well ID	DST #3, LKC "J", 4258-4284	Prepared By	TIM VENTERS
Surface Location	SEC 34-11S-32W, LOGAN CO. KS.	Qualified By	STEVE MURPHY
Field	WILDCAT		
Well Type	Vertical		
Test Type	CONVENTIONAL		
Formation	DST #3, LKC "J", 4258-4284		
Well Fluid Type	01 Oil		
Start Test Date	2013/11/23	Start Test Time	04:29:00
Final Test Date	2013/11/23	Final Test Time	13:34:00

Test Recovery:

RECOVERED: 1405' GAS IN PIPE

645' GO, 4% GAS, 96% OIL, GRAVITY: 40
250' G, SMCO, 6% GAS, 83% OIL, 11% MUD
60' VG, SW&MCO, 42% GAS, 44% OIL, 7% WATER, 7% MUD
955' TOTAL FLUID

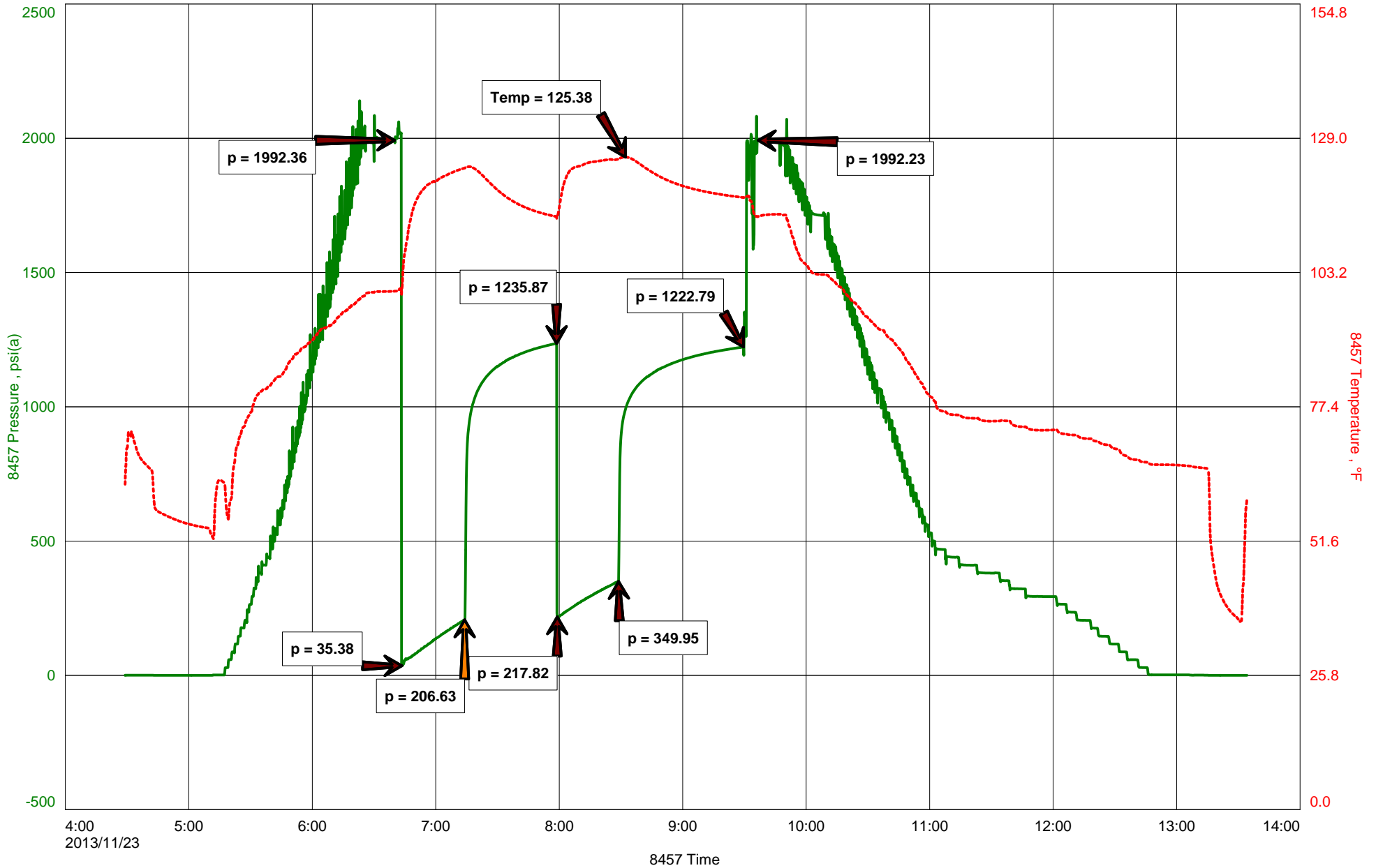
TOOL SAMPLE: 5% GAS, 94% OIL, 1% MUD

CHLORIDES: 20,000 ppm

PH: 7.5

RW: .40 @ 63 deg.

HOCKERSMITH #1-34





DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313

TIME ON: 04:29
 TIME OFF: 13:34

DRILL-STEM TEST TICKET
 FILE: HICKERSMITH1-34DST3

Company NEW GULF OPERATING, LLC Lease & Well No. HOCKERSMITH #1-34
 Contractor VAL ENERGY, INC. RIG #7 Charge to NEW GULF OPERATING, LLC
 Elevation 3059 KB Formation LKC "J" Effective Pay _____ Ft. Ticket No. T287
 Date 11-23-13 Sec. 34 Twp. _____ 11 S Range _____ 32 W County LOGAN State KANSAS
 Test Approved By STEVE MURPHY Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 3 Interval Tested from 4258 ft. to 4284 ft. Total Depth 4284 ft.
 Packer Depth 4253 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4258 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4239 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
 Bottom Recorder Depth (Outside) 4281 ft. Recorder Number 11030 Cap. 5,025 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 60 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.1 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 2,000 P.P.M. Drill Pipe Length 4225 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 2 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 26 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 1 1/2 INCH BLOW, BUILDING, REACHING BOB 2 1/2 MIN. (9" BB)
 2nd Open: WEAK 1/4 INCH BLOW, BUILDING, REACHING BOB 5 MIN. (NO BB)

Recovered 1405 ft. of GAS IN PIPE
 Recovered 645 ft. of GO, 4% GAS, 96% OIL, GRAVITY: 40
 Recovered 250 ft. of G,SMCO, 6% GAS, 83% OIL, 11% MUD
 Recovered 60 ft. of VG,SW&MCO, 42% GAS, 44% OIL, 7% WATER, 7% MUD

Recovered <u>955</u> ft. of <u>TOTAL FLUID</u>	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>5% GAS, 94% OIL, 1% MUD</u>	Total

Time Set Packer(s) 6:43 AM A.M. P.M. Time Started Off Bottom 9:28 AM A.M. P.M. Maximum Temperature 125 deg.

Initial Hydrostatic Pressure..... (A) 1992 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 35 P.S.I. to (C) 207 P.S.I.
 Initial Closed In Period..... Minutes 45 (D) 1236 P.S.I.
 Final Flow Period..... Minutes 30 (E) 218 P.S.I. to (F) 350 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 1223 P.S.I.
 Final Hydrostatic Pressure..... (H) 1992 P.S.I.

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DIAMOND TESTING

General Information Report

General Information

Company Name NEW GULF OPERATING, LLC
Contact JIM HENKLE
Well Name HOCKERSMITH #1-34
Unique Well ID DST #4, JOHNSON, 4598-4628
Surface Location SEC 34-11S-32W, LOGAN CO. KS.
Field WILDCAT
Well Type Vertical
Test Type STRADDLE
Formation DST #4, JOHNSON, 4598-4628
Well Fluid Type 01 Oil

Representative TIM VENTERS
Well Operator NEW GULF OPERATING, LLC
Report Date 2013/11/25
Prepared By TIM VENTERS
Qualified By STEVE MURPHY

Start Test Date 2013/11/25
Final Test Date 2013/11/25

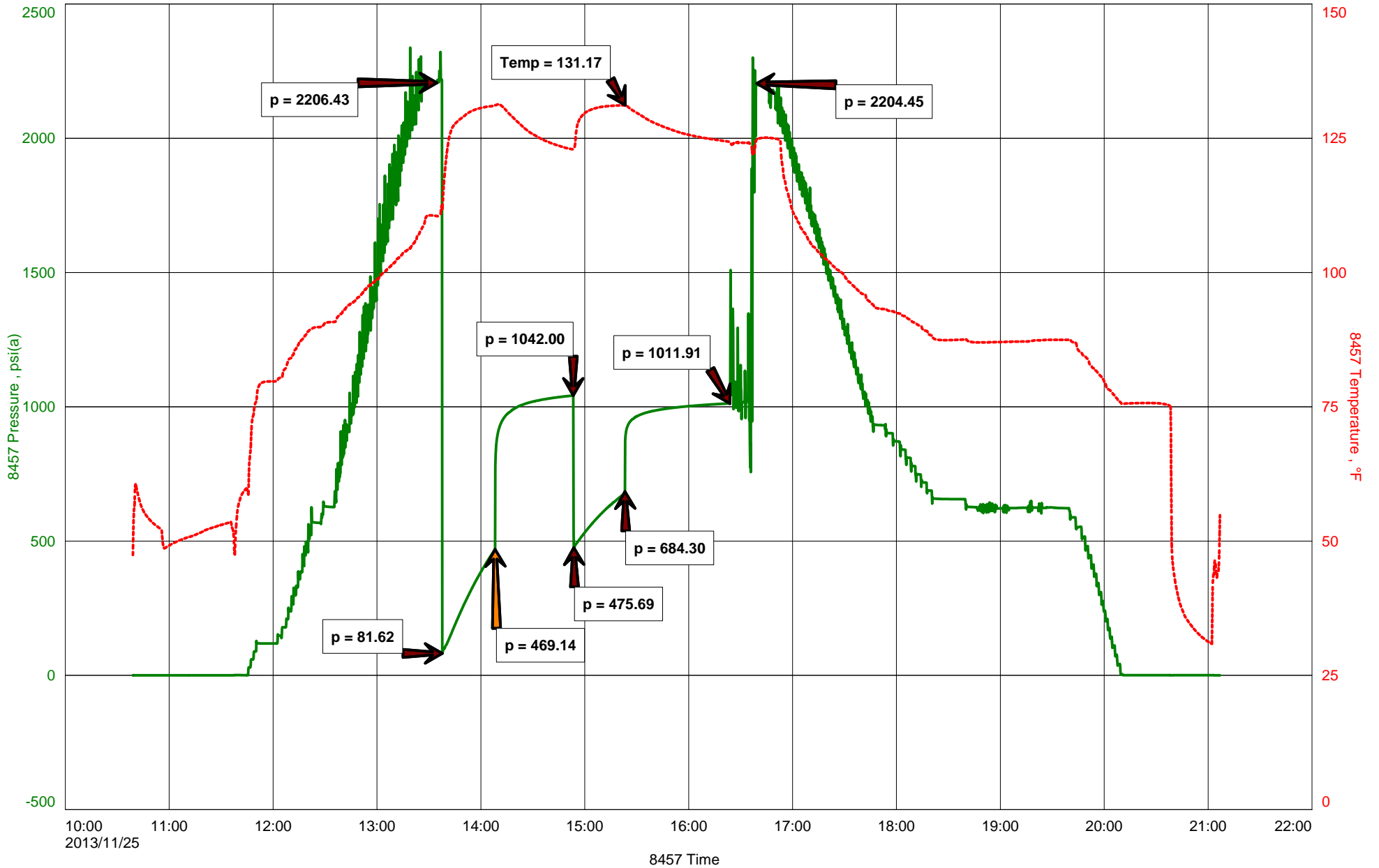
Start Test Time 10:39:00
Final Test Time 21:07:00

Test Recovery:

RECOVERED: 1030' GAS IN PIPE
585' GO, 8% GAS, 92% OIL, GRAVITY: 28
1175' G, SMCO, 3% GAS, 90% OIL, 7% MUD
125' G, VHOCM, 7% GAS, 43% OIL, 50% MUD
1885' TOTAL FLUID

TOOL SAMPLE: 3% GAS, 52% OIL, 45% MUD

HOCKERSMITH #1-34





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

TIME ON: 10:39
TIME OFF: 21:07

DRILL-STEM TEST TICKET
FILE: HICKERSMITH1-34DST4

Company NEW GULF OPERATING, LLC Lease & Well No. HOCKERSMITH #1-34
Contractor VAL ENERGY, INC. RIG #7 Charge to NEW GULF OPERATING, LLC
Elevation 3059 KB Formation JOHNSON Effective Pay _____ Ft. Ticket No. T288
Date 11-25-13 Sec. 34 Twp. 11 S Range 32 W County LOGAN State KANSAS
Test Approved By STEVE MURPHY Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 4 Interval Tested from 4598 ft. to 4628 ft. Total Depth 4640 ft.
Packer Depth 4593 ft. Size 6 3/4 in. Packer depth 4628 ft. Size 6 3/4 in.
Packer Depth 4598 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4579 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 4625 ft. Recorder Number 11030 Cap. 5,025 P.S.I.
Below Straddle Recorder Depth 4637 ft. Recorder Number 11029 Cap. 5,025 P.S.I.

Mud Type CHEMICAL Viscosity 52 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,000 P.P.M. Drill Pipe Length 4565 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 2 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 30 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 1 INCH BLOW, BUILDING, REACHING BOB 1 1/2 MIN. (4" BB)
2nd Open: WEAK 1/2 INCH BLOW, BUILDING, REACHING BOB 4 MIN. (6" BB)

Recovered <u>1030</u> ft. of <u>GAS IN PIPE</u>	
Recovered <u>585</u> ft. of <u>GO, 8% GAS, 92% OIL, GRAVITY: 28</u>	
Recovered <u>1175</u> ft. of <u>G,SMCO, 3% GAS, 90% OIL, 7% MUD</u>	
Recovered <u>125</u> ft. of <u>G,VHOVM, 7% GAS, 43% OIL, 50% MUD</u>	
Recovered <u>1885</u> ft. of <u>TOTAL FLUID</u>	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>3% GAS, 52% OIL, 45% MUD</u>	Total

Time Set Packer(s) 1:37 PM A.M. P.M. Time Started Off Bottom 4:22 PM A.M. P.M. Maximum Temperature 131 deg.
Initial Hydrostatic Pressure..... (A) 2206 P.S.I.
Initial Flow Period..... Minutes 30 (B) 82 P.S.I. to (C) 469 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1042 P.S.I.
Final Flow Period..... Minutes 30 (E) 476 P.S.I. to (F) 684 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1012 P.S.I.
Final Hydrostatic Pressure..... (H) 2204 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.



CONSOLIDATED
Oil Well Services, LLC

264432

BASKET NUMBER 44547
LOCATION OAKLEY KS.
FOREMAN DAMON M.
FUZZY

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-27-13	5661	HOCKERSMITH 1-34	34	11	32W	LOGAN
CUSTOMER NEW GULF OPERATING			OAKLEY 5.5 mi 1 mi W 5 in 60			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			399	JORDON L.		
STATE			460	MIKE/JACK		
ZIP CODE			528 T-129	MIKE/JACK		

JOB TYPE 2-STAGE HOLE SIZE 7 7/8 HOLE DEPTH 4765 CASING SIZE & WEIGHT 5 1/2 # 15.5
CASING DEPTH 4758 DRILL PIPE _____ TUBING _____ OTHER D.V. 2577
SLURRY WEIGHT 14.0/12.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING SHOE 42.22
DISPLACEMENT 112.23/61.33 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting Rig up on VAL #7 Run float equipment cement on joints #1,2,3,6,9,12,15,10,52,54 BASKET ON #53 HALF WAY MIDDLE OF PIPE DV ON TOP JOINT #53 CIRCULATE FOR 1 HR ON BOTTOM PUMP 5 BBL OF H2O THEN 500 GAL OF MUD FLUSH THEN 5 BBL OF H2O MIX 200 SKS OWC #5 KOLSEAL SHUT DOWN WASHED PUMP AND LINES DROPPED PLUG AND PUMPED 50 BBL OF H2O AND 61 BBL OF MUD LIFE WAS #900 LANDED PLUG @ #1500 RELEASED PRESSURE PLUG HELD RIGGED UP TO CIRCULATE FOR 3 HRS. RIG UP MIX 400 SKS 60/40 8% GEL #14 FLOSEAL SHUT DOWN WASHED PUMP & LINES DROPPED PLUG PUMPED 61 BBL OF H2O LIFE #750 LANDED @ #2000 LOST RETURNS ABOUT 40 BBL OUT

RH 30 SKS MH 20 SKS THANK YOU DAMON FUZZY

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	3175.00	3175.00
5406	10	MILEAGE	5.25	52.50
5407A	28.75	LOW MILEAGE DELIVERY	1.75	503.20
1126	200 SKS	OWC	23.70	4740.00
1110A	1000 #	KOLSEAL	.56	560.00
1131	450 SKS	60/40 POZ MIX	15.86	7137.00
1118B	3096 #	BETONITE	.27	835.92
1107	113 #	FLOSEAL	2.97	335.61
1144G	500 GAL	MUD FLUSH	1.00	500.00
4159	1	5 1/2 FLOAT SHOE	433.75	433.75
4130	10	5 1/2 CENTRALIZERS	61.00	610.00
4104	1	5 1/2 BASKET	290.00	290.00
4283	1	5 1/2 DV TOOL	4900.00	4900.00
4454	1	5 1/2 LATCHDOWN PLUG ASSY.	567.00	567.00
1111	200 #	SALT	N/C N/C	
			SUBTOTAL	24639.98
			LESS 1070	2464.00
			SUBTOTAL	22175.98
			SALES TAX	1439.61
			ESTIMATED TOTAL	23615.59

completed

Revin 3737

AUTHORIZATION [Signature] TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



CONSOLIDATED
Oil Well Services, LLC

264042

TICKET NUMBER 44526
LOCATION Oakley Ks.
FOREMAN Drew

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

Ks.

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11/15/13	5661	Hockersmith 1-34	34	11	32	Logan
CUSTOMER New Gulf			Oakley			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			463	Cory		
STATE			693	Jerney Z.		
ZIP CODE						

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 275 CASING SIZE & WEIGHT 8 3/8 24"
CASING DEPTH 279 DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT 14 1/2 SLURRY VOL 136 WATER gal/sk _____ CEMENT LEFT in CASING 20'
DISPLACEMENT 16.49 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting Rig up on Val #7 Run Casing Break Circulation
With Rig Pump Hook up to pump truck mix 200 SKS Com 3% CC 2% Gel
Displace with 16.49 bbl water Shut in Wash up pump Lines Rig Down
Cement Did Circulate

Approx 5 bbls to pit

Thanks Drew + Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	\$1150.00	\$1150.00
5406	7	MILEAGE	\$5.25	\$36.75
5407	9.4	Jon mileage Delivery	\$1.75	\$430.00
11045	200SKS	Class "A" Cement	\$18.55	\$3710.00
1102	564*	Calcium Chloride	\$.94	\$530.16
1118 B	376*	Bentonite	\$.27	\$101.52
1111	2 SKS 100*	Salt	NC	NC
			Subtotal	\$5958.43
			Less 10%	\$595.84
			Subtotal	\$5362.59
			SALES TAX	298.94
			ESTIMATED TOTAL	\$5661.53

[Handwritten Signature]
Jim Henkle

completed

AUTHORIZATION _____ TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.