



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1169242
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: _____

1169242

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No 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: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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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> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	New Gulf Operating LLC
Well Name	Racette 2-10
Doc ID	1169242

Tops

Name	Top	Datum
Anhydrite	2553	476
Base Anhydrite	2578	452
Heebner	4000	-971
Lansing	4045	-1012
Muncie Creek	4180	-1151
Stark	4264	-1232
Marmaton	4365	-1338
Pawnee	4470	-1434
Cherokee	4548	-15174
Johnson	4594	-1563
Morrow Shale	4622	-1591
Mississippian	4634	-1603

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

December 02, 2013

Jim Henkle
New Gulf Operating LLC
10441 S. REGAL BLVD..
TULSA, OK 74133

Re: ACO1
API 15-109-21214-00-00
Racette 2-10
NW/4 Sec.10-12S-32W
Logan 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,
Jim Henkle

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	NEW GULF OPERATING LLC	Job Number	M577
Well Name	RACETTE #2	Representative	MIKE COCHRAN
Unique Well ID	DST#1 4178-4215 H ZONE	Well Operator	NEW GULF OPERATING LLC
Surface Location	SEC.10-12S-32W LOGAN CO.KS.	Report Date	2013/11/17
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	JOHN GOLDSMITH
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#1 4178-4215 H ZONE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2013/11/17	Start Test Time	12:40:00
Final Test Date	2013/11/17	Final Test Time	22:45:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

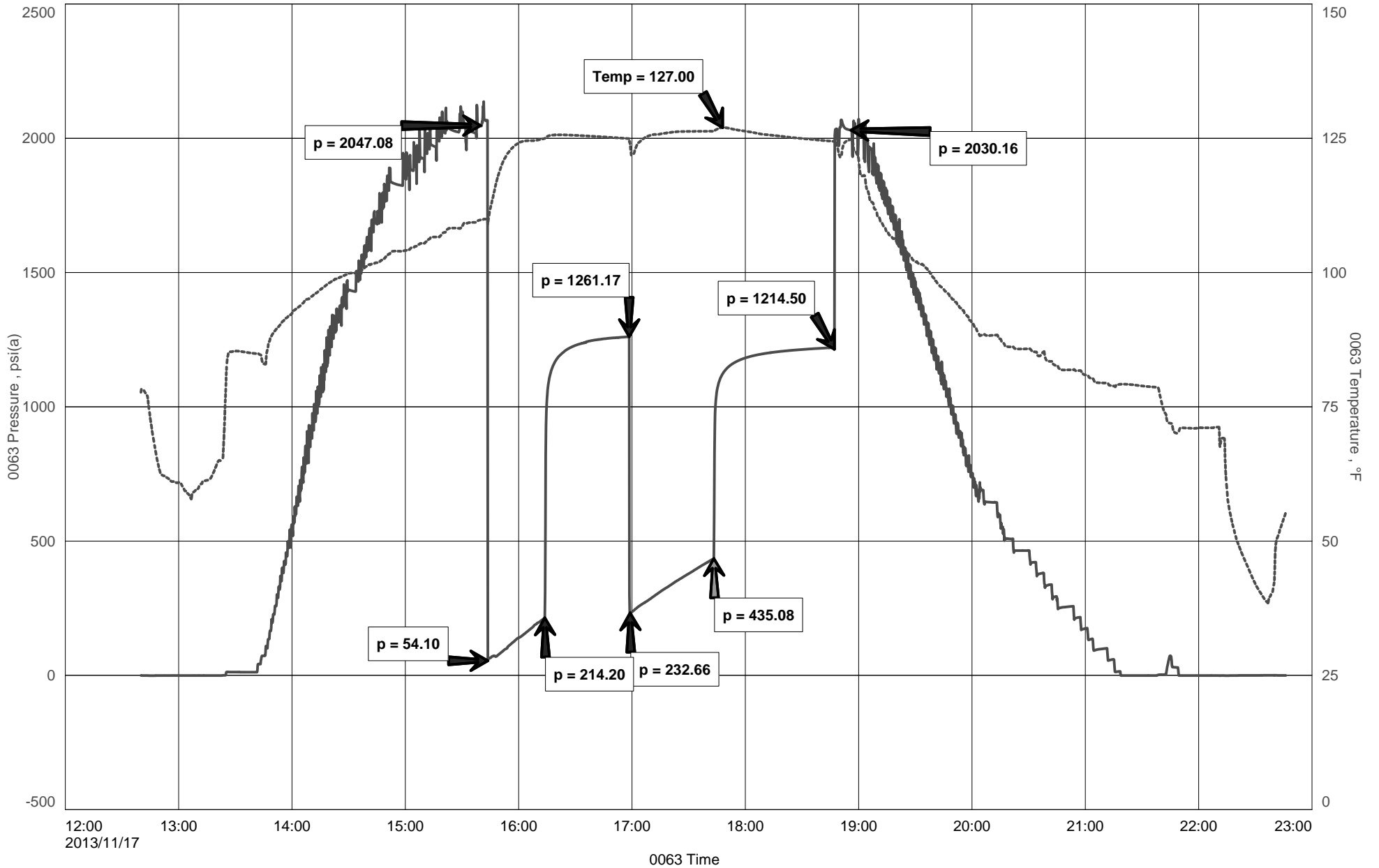
Test Results

Remarks RECOVERED:
2755' GIP
1073' GO 5% GAS, 95% OIL
109' GMCO 8% GAS, 57% OIL, 35% MUD (80' DP, 29' DC)
1182" TOTAL FLUID

GRAVITY: 38.6 @ 60 DEG

TOOL SAMPLE: 2% GAS, 47% OIL, 51% MUD

RACETTE #2





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: RCTT2DST1

TIME ON: 1240
TIME OFF: 2245

Company NEW GULF OPERATING LLC Lease & Well No. RACETTE #2
Contractor VAL RIG 4 Charge to NEW GULF OPERATING LLC
Elevation 3031 KB Formation H ZONE Effective Pay _____ Ft. Ticket No. M577
Date 11/17/2013 Sec. 10 Twp. _____ 12 S Range _____ 32 W County LOGAN State KANSAS
Test Approved By JOHN GOLDSMITH Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 4178 ft. to 4215 ft. Total Depth 4215 ft.
Packer Depth 4173 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4178 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4160 ft. Recorder Number 0063 Cap. 6,000 P.S.I.
Bottom Recorder Depth (Outside) 4212 ft. Recorder Number 6884 Cap. 6,275 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 58 Drill Collar Length 29 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 6.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,700 P.P.M. Drill Pipe Length 4117 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO 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: SSB, 1" RIGHT AWAY, BOB 2 1/4 MIN (BOB BB IN 7 1/2 MIN)
2nd Open: SSB, 2" RIGHT AWAY, BOB 4 MIN (BOB BB IN 11 MIN)

Recovered 2755 ft. of GIP GRAVITY: 38.6 @ 60°
Recovered 1073 ft. of GO 5% GAS, 95% OIL
Recovered 109 ft. of GMCO 8% GAS, 57% OIL, 35% MUD (80' DP, 29' DC)
Recovered 1182 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>2% GAS, 47% OIL, 51% MUD</u>	Total

Time Set Packer(s) 3:45 P.M. A.M. P.M. Time Started Off Bottom 6:45 P.M. A.M. P.M. Maximum Temperature 127°F
Initial Hydrostatic Pressure..... (A) 2047 P.S.I.
Initial Flow Period..... Minutes 30 (B) 54 P.S.I. to (C) 214 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1261 P.S.I.
Final Flow Period..... Minutes 45 (E) 233 P.S.I. to (F) 435 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1215 P.S.I.
Final Hydrostatic Pressure..... (H) 2030 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

Pressure Survey Report

General Information

Company Name	NEW GULF OPERATING LLC	Job Number	M578
Well Name	RACETTE #2	Representative	MIKE COCHRAN
Unique Well ID	DST#2 4104-4138 D'E'F STRADDLE	Well Operator	NEW GULF OPERATING LLC
Surface Location	SEC.10-12S-32W LOGAN CO.KS.	Report Date	2013/11/18
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	JOHN GOLDSMITH
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#2 4104-4138 D'E'F STRADDLE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2013/11/17	Start Test Time	23:45:00
Final Test Date	2013/11/18	Final Test Time	08:35:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:
GIP
800' GO 5% GAS, 95% OIL
95' WMO 5% WTR, 95% EMULSIFIED OIL
125' GSOCMW 4% GAS, 6% EMULSIFIED OIL, 55% WTR, 35% MUD (96' DP, 29' DC)
1020' TOTAL FLUID

GRAVITY: 36.8 @ 60 DEG

CHLOR: 48,000 PPM
PH:7.0
RW: .22 @ 55 DEG

TOOL SAMPLE: 95% EMULSIFIED OIL, 5% WTR



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: RCTT2DST2

TIME ON: 2345 (11/17)
TIME OFF: 0835 (11/18)

Company NEW GULF OPERATING LLC Lease & Well No. RACETTE #2
Contractor VAL RIG 4 Charge to NEW GULF OPERATING LLC
Elevation 3031 KB Formation _____ D'E'F Effective Pay 4138 Ft. Ticket No. M578
Date 11/17/2013 Sec. 10 Twp. _____ 12 S Range _____ 32 W County LOGAN State KANSAS
Test Approved By JOHN GOLDSMITH Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 4104 ft. to 4138 ft. Total Depth 4215 ft.
Packer Depth 4099 ft. Size 6 3/4 in. Packer depth 4138 ft. Size 6 3/4 in.
Packer Depth 4104 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4086 ft. Recorder Number 0063 Cap. 6,000 P.S.I.
Bottom Recorder Depth (Outside) 4132 ft. Recorder Number 6884 Cap. 6,275 P.S.I.
Below Straddle Recorder Depth 4204 ft. Recorder Number E1150 Cap. 6,125 P.S.I.

Mud Type CHEM Viscosity 58 Drill Collar Length 29 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 6.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,700 P.P.M. Drill Pipe Length 4043 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 34 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 34' PERF, 77' T.P. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: SSB, BOB 2 MIN (BOB BB IN 11 MIN)
2nd Open: A SURGE OF BUBBLES ON TOOL OPEN THEN A WSB INCREASING TO BOB 9 MIN (6" BB)

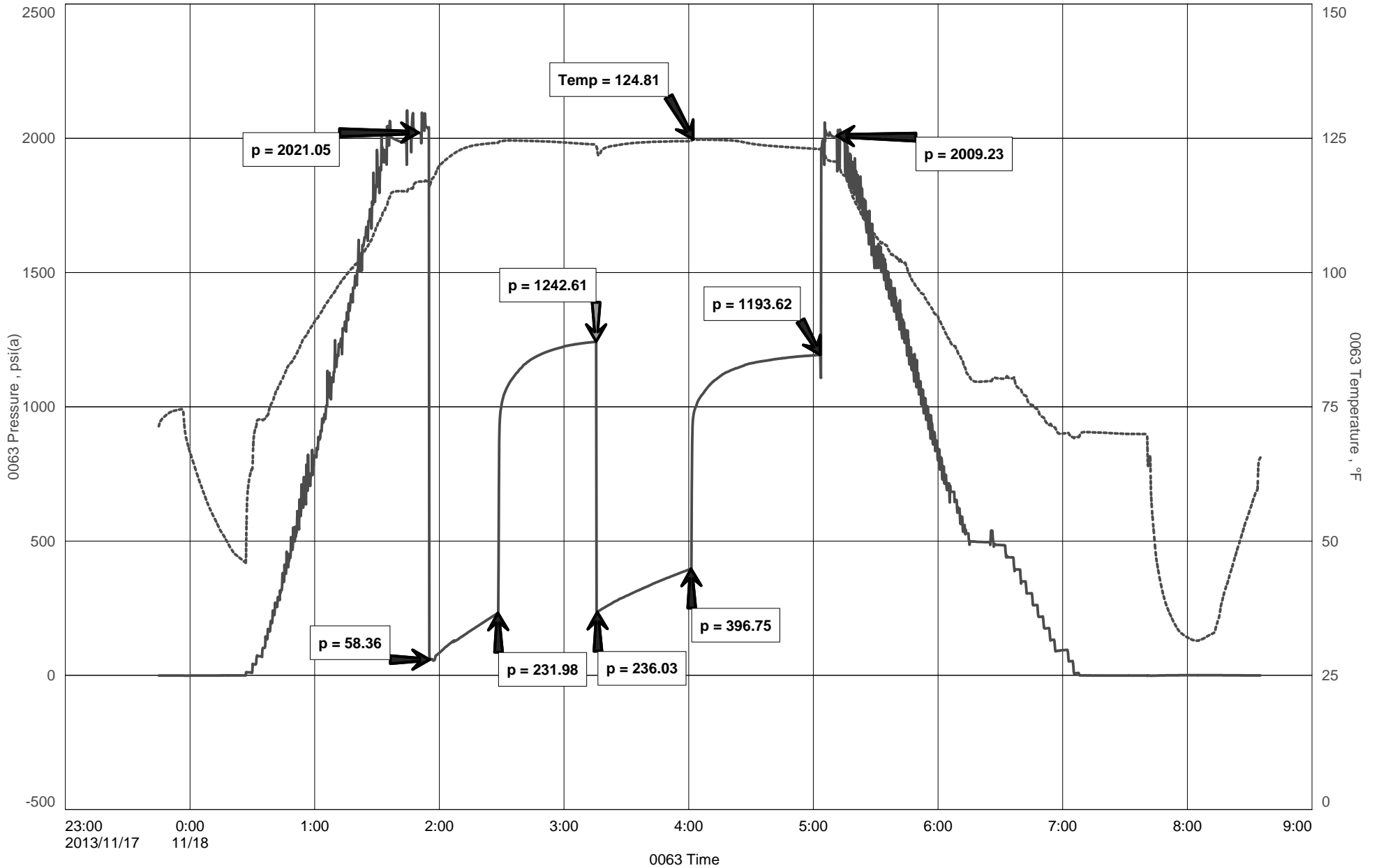
Recovered <u> </u> * ft. of GIP	GRAVITY: 36.8 @ 60°	
Recovered <u>800</u> ft. of	GO 5% GAS, 95% OIL	
Recovered <u>95</u> ft. of	WMO 5% WTR, 95% EMULSIFIED OIL	
Recovered <u>125</u> ft. of	GSOCMW 4% GAS, 6% EMULSIFIED OIL, 55% WTR, 35% MUD (96' DP, 29' DC)	
Recovered <u>1020</u> ft. of	TOTAL FLUID	Price Job
Recovered <u> </u> ft. of	CHLOR: 48,000 PPM PH:7.0 RW: .22 @ 55 DEG	Other Charges
Remarks: <u>BELOW STRADDLE PSI: 1463</u>		Insurance
<u>*AMOUNT OF GIP UNKNOWN DUE TO DRILL PIPE FULL OF GAS FROM DST#1</u>		
<u>TOOL SAMPLE: 95% EMULSIFIED OIL, 5% WTR</u>		Total

Time Set Packer(s) 2:00 A.M. A.M. P.M. Time Started Off Bottom 5:00 A.M. A.M. P.M. Maximum Temperature 125°F

Initial Hydrostatic Pressure..... (A) 2021 P.S.I.
Initial Flow Period..... Minutes 30 (B) 58 P.S.I. to (C) 232 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1243 P.S.I.
Final Flow Period..... Minutes 45 (E) 236 P.S.I. to (F) 397 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1194 P.S.I.
Final Hydrostatic Pressure..... (H) 2009 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.

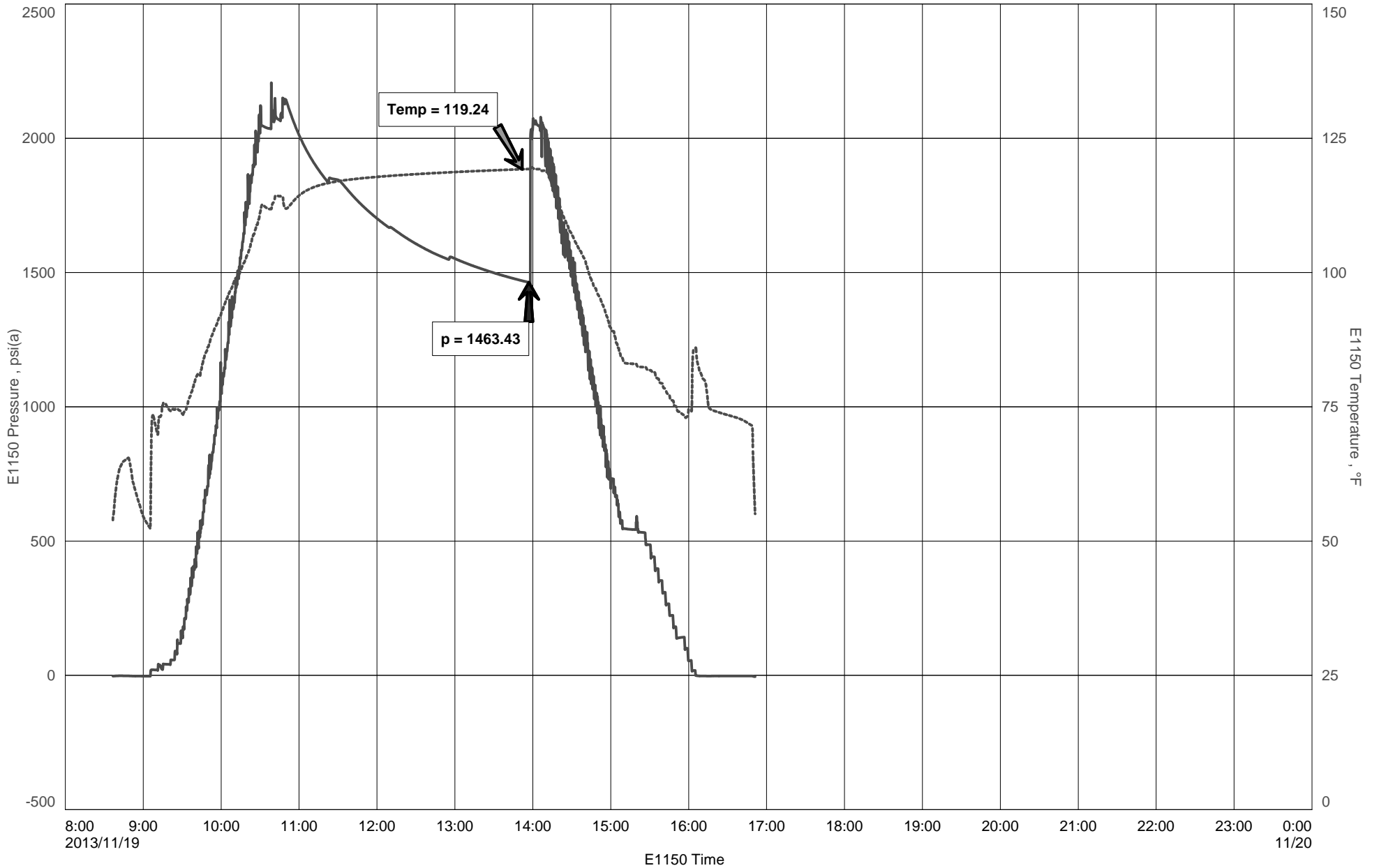
RACETTE #2



NEW GULF OPERATING LLC
DST#2 4104-4138 D'E'F STRADDLE
Start Test Date: 2013/11/17
Final Test Date: 2013/11/18

RACETTE #2
Formation: DST#2 4104-4138 D'E'F STRADDLE
Pool: WILDCAT
Job Number: M578

RACETTE #2





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: RCTT2DST3

TIME ON: 1715 (11/18)
TIME OFF: 0235 (11/19)

Company NEW GULF OPERATING LLC Lease & Well No. RACETTE #2
Contractor VAL RIG 4 Charge to NEW GULF OPERATING LLC
Elevation 3031 KB Formation "I" ZONE Effective Pay _____ Ft. Ticket No. M579
Date 11/18/2013 Sec. 10 Twp. _____ 12 S Range _____ 32 W County LOGAN State KANSAS
Test Approved By JOHN GOLDSMITH Diamond Representative MIKE COCHRAN

Formation Test No. 3 Interval Tested from 4213 ft. to 4242 ft. Total Depth 4242 ft.
Packer Depth 4208 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4213 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4195 ft. Recorder Number 0063 Cap. 6,000 P.S.I.
Bottom Recorder Depth (Outside) 4239 ft. Recorder Number 6884 Cap. 6,275 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 56 Drill Collar Length 29 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 6.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,000 P.P.M. Drill Pipe Length 4152 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 29 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: SSB, INC. TO BOB 1 MIN 22 SEC (BOB BB IN 6 1/2 MIN)
2nd Open: SSB, INC. TO BOB 3 1/2 MIN (BOB BB IN 14 MIN)

Recovered 1222 ft. of CO 2% GAS, 98% OIL GRAVITY: 38.8 @ 60°
Recovered 156 ft. of GMCO 6% GAS, 70% OIL, 24% MUD (127' DP, 29' DC)
Recovered 1378 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
<u>GTS DURING FINAL SHUT IN</u>	
<u>TOOL SAMPLE: 100% GASSY OIL</u>	Total

Time Set Packer(s) 8:00 P.M. A.M. P.M. Time Started Off Bottom 11:00 P.M. A.M. P.M. Maximum Temperature 127°F

Initial Hydrostatic Pressure..... (A) 2022 P.S.I.
Initial Flow Period..... Minutes 30 (B) 64 P.S.I. to (C) 248 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1309 P.S.I.
Final Flow Period..... Minutes 45 (E) 259 P.S.I. to (F) 506 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1295 P.S.I.
Final Hydrostatic Pressure..... (H) 2018 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

Pressure Survey Report

General Information

Company Name	NEW GULF OPERATING LLC	Job Number	M579
Well Name	RACETTE #2	Representative	MIKE COCHRAN
Unique Well ID	DST#3 4213-4242 "I" ZONE	Well Operator	NEW GULF OPERATING LLC
Surface Location	SEC.10-12S-32W LOGAN CO.KS.	Report Date	2013/11/19
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	JOHN GOLDSMITH
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#3 4213-4242 "I" ZONE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2013/11/18	Start Test Time	17:15:00
Final Test Date	2013/11/19	Final Test Time	02:35:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks **RECOVERED:**
1222' CO 2% GAS, 98% OIL
156' GMCO 6% GAS, 70% OIL, 24% MUD (127' DP, 29' DC)
1378' TOTAL FLUID

GRAVITY: 38.8 @ 60 DEG

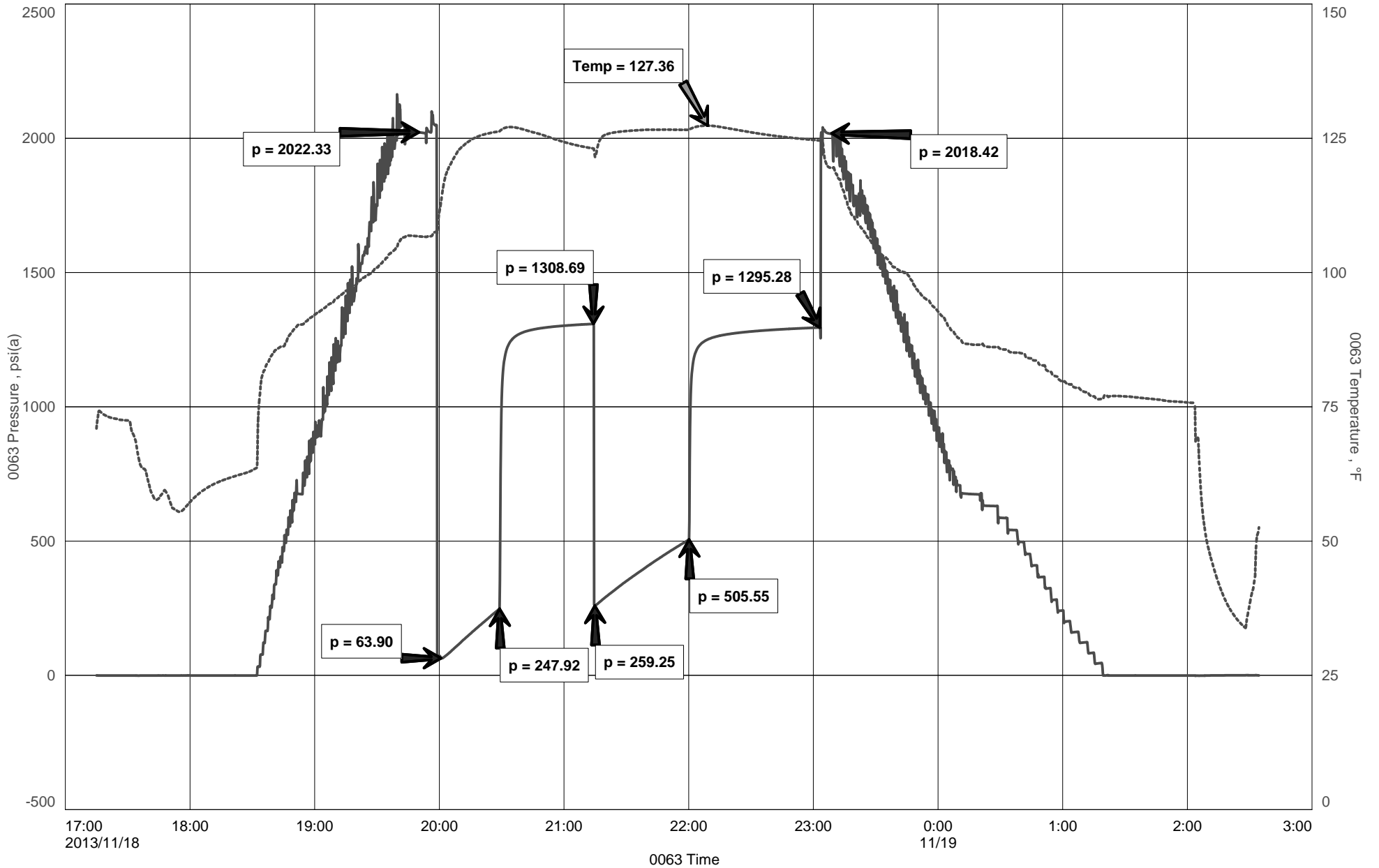
GTS DURING FINAL SHUT IN

TOOL SAMPLE: 100% GASSY OIL

NEW GULF OPERATING LLC
DST#3 4213-4242 "I" ZONE
Start Test Date: 2013/11/18
Final Test Date: 2013/11/19

RACETTE #2
Formation: DST#3 4213-4242 "I" ZONE
Pool: WILDCAT
Job Number: M579

RACETTE #2





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: RCTT2DST4

TIME ON: 1120
TIME OFF: 1945

Company NEW GULF OPERATING LLC Lease & Well No. RACETTE #2
Contractor VAL RIG 4 Charge to NEW GULF OPERATING LLC
Elevation 3031 KB Formation "J" ZONE Effective Pay _____ Ft. Ticket No. M580
Date 11/19/2013 Sec. 10 Twp. _____ 12 S Range _____ 32 W County LOGAN State KANSAS
Test Approved By JOHN GOLDSMITH Diamond Representative MIKE COCHRAN

Formation Test No. 4 Interval Tested from 4240 ft. to 4264 ft. Total Depth 4264 ft.
Packer Depth 4235 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4240 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4222 ft. Recorder Number 0063 Cap. 6,000 P.S.I.
Bottom Recorder Depth (Outside) 4261 ft. Recorder Number 6884 Cap. 6,275 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 55 Drill Collar Length 29 ft. I.D. 2 1/4 in.
Weight 9.0 Water Loss 6.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,700 P.P.M. Drill Pipe Length 4179 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 24 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: SSB, BOB 3 MIN (10" BB)
2nd Open: SSB, BOB 5 1/4 MIN (BOB BB 9 1/2 MIN)

Recovered 2808 ft. of GIP GRAVITY: 38.4 @ 60°
Recovered 460 ft. of GO 5% GAS, 95% OIL
Recovered 170 ft. of GHOCM 6% GAS, 60% OIL, 34% MUD (141' DP, 29' DC)
Recovered 630 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>100% GASSY OIL</u>	Total

Time Set Packer(s) 1:30 P.M. A.M. P.M. Time Started Off Bottom 4:30 P.M. A.M. P.M. Maximum Temperature 127°F

Initial Hydrostatic Pressure..... (A) 2046 P.S.I.
Initial Flow Period..... Minutes 30 (B) 39 P.S.I. to (C) 119 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1303 P.S.I.
Final Flow Period..... Minutes 45 (E) 133 P.S.I. to (F) 240 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1274 P.S.I.
Final Hydrostatic Pressure..... (H) 2037 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

Pressure Survey Report

General Information

Company Name	NEW GULF OPERATING LLC	Job Number	M580
Well Name	RACETTE #2	Representative	MIKE COCHRAN
Unique Well ID	DST#4 4240-4264 "J" ZONE	Well Operator	NEW GULF OPERATING LLC
Surface Location	SEC.10-12S-32W LOGAN CO.KS.	Report Date	2013/11/19
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	JOHN GOLDSMITH
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#4 4240-4264 "J" ZONE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2013/11/19	Start Test Time	11:20:00
Final Test Date	2013/11/19	Final Test Time	17:45:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:
2808 GIP
460' GO 5% GAS, 95% OIL
170' GHOCM 6% GAS, 60% OIL, 34% MUD (141' DP, 29' DC)
630' TOTAL FLUID

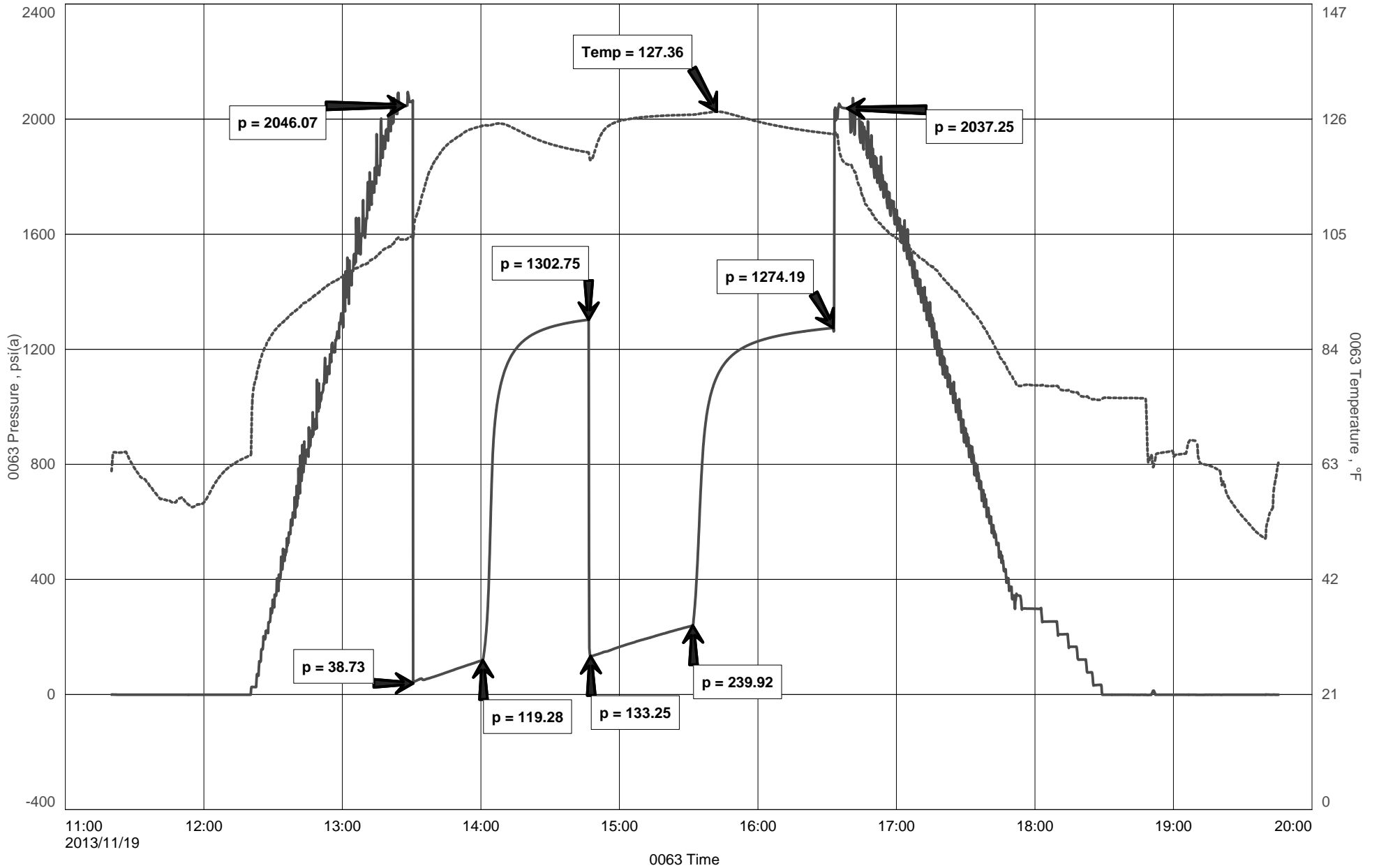
GRAVITY: 38.4 @ 60 DEG

TOOL SAMPLE: 100% GASSY OIL

NEW GULF OPERATING LLC
DST#4 4240-4264 "J" ZONE
Start Test Date: 2013/11/19
Final Test Date: 2013/11/19

RACETTE #2
Formation: DST#4 4240-4264 "J" ZONE
Pool: WILDCAT
Job Number: M580

RACETTE #2





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: RCTT2DST5

TIME ON: 0625
TIME OFF: 1425

Company NEW GULF OPERATING LLC Lease & Well No. RACETTE #2
Contractor VAL RIG 4 Charge to NEW GULF OPERATING LLC
Elevation 3031 KB Formation _____ "K" Effective Pay _____ Ft. Ticket No. M581
Date 11/20/2013 Sec. 10 Twp. _____ 12 S Range _____ 32 W County LOGAN State KANSAS
Test Approved By JOHN GOLDSMITH Diamond Representative MIKE COCHRAN

Formation Test No. 5 Interval Tested from 4260 ft. to 4298 ft. Total Depth 4298 ft.
Packer Depth 4255 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4260 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4242 ft. Recorder Number 0063 Cap. 6,000 P.S.I.
Bottom Recorder Depth (Outside) 4295 ft. Recorder Number 6884 Cap. 6,275 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 61 Drill Collar Length 29 ft. I.D. 2 1/4 in.
Weight 8.9 Water Loss 6.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,700 P.P.M. Drill Pipe Length 4199 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 1 Test Tool Length 32 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: A WEAK INTERMITTENT SURFACE BLOW INCREASING TO 3 1/2" (NO BB)
2nd Open: WSB, INC. TO 7" (NO BB)

Recovered -2 +/- ft. of OIL/MUDDY OIL (ESTIMATED) GRAVITY: 39.8 @ 60°
Recovered 124 ft. of VSOSGMW 1% GAS, 68% WTR, 31% MUD W/ A THIN SCUM OF OIL (95' DP, 29' DC)
Recovered 126 ft. of TOTAL FLUID

Recovered _____ ft. of <u>PH: 8.0</u>	Price Job
Recovered _____ ft. of <u>CHLOR: 32,000 PPM</u>	
Recovered _____ ft. of <u>RW: .25@ 68DEG</u>	
Remarks: _____	
<u>TOOL SAMPLE: 98% WTR, 2% MUD W/ A VERY THIN SCUM OF OIL</u>	Total

Time Set Packer(s) 9:00 A.M. A.M. P.M. Time Started Off Bottom 12:00 P.M. A.M. P.M. Maximum Temperature 117°F

Initial Hydrostatic Pressure..... (A) 2035 P.S.I.
Initial Flow Period..... Minutes 30 (B) 16 P.S.I. to (C) 45 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1319 P.S.I.
Final Flow Period..... Minutes 45 (E) 48 P.S.I. to (F) 73 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1313 P.S.I.
Final Hydrostatic Pressure..... (H) 2016 P.S.I.

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DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	NEW GULF OPERATING LLC	Job Number	M581
Well Name	RACETTE #2	Representative	MIKE COCHRAN
Unique Well ID	DST#5 4260-4298 "K"	Well Operator	NEW GULF OPERATING LLC
Surface Location	SEC.10-12S-32W LOGAN CO.KS.	Report Date	2013/11/20
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	JOHN GOLDSMITH
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#5 4260-4298 "K"		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2013/11/20	Start Test Time	06:25:00
Final Test Date	2013/11/20	Final Test Time	14:25:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

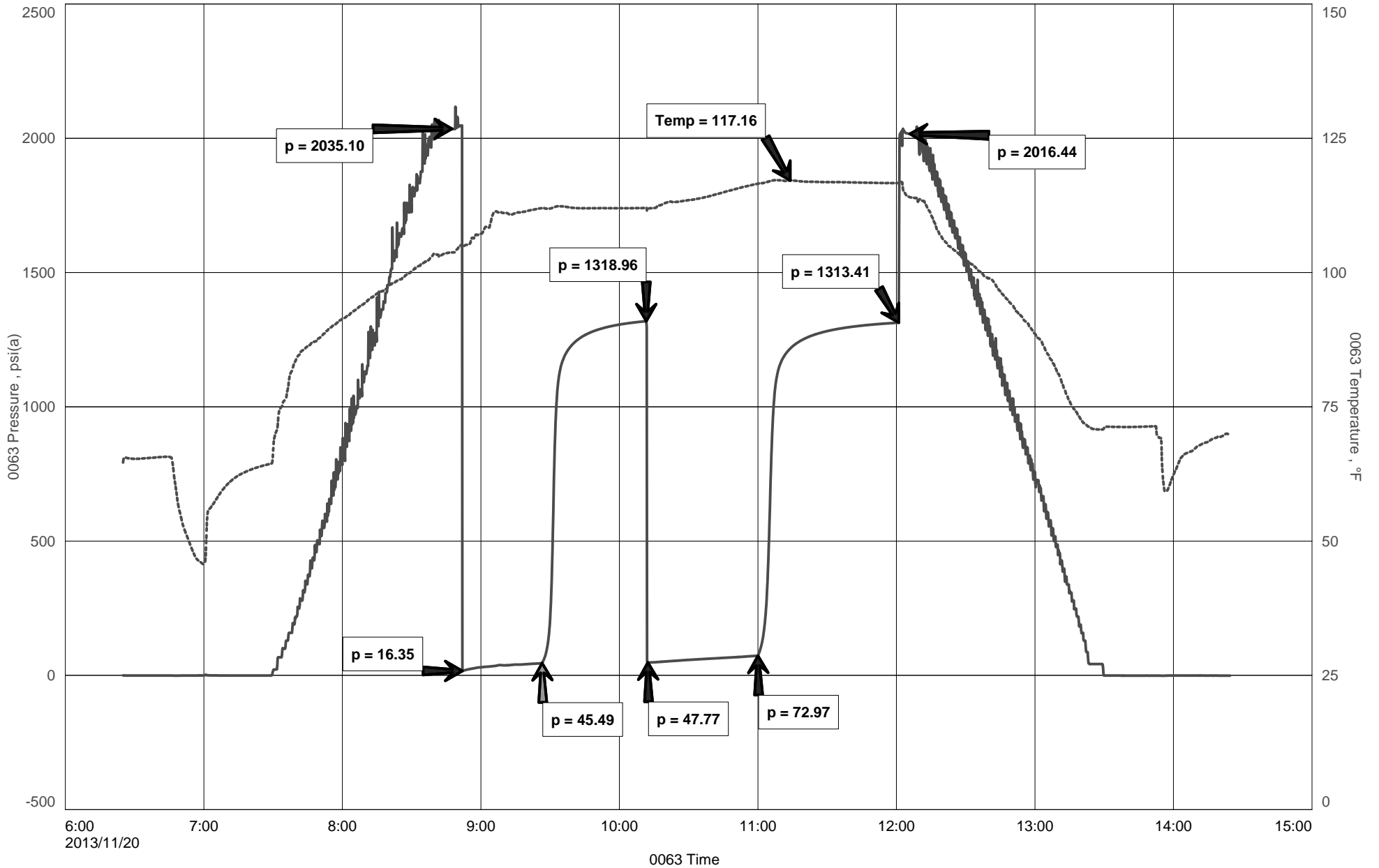
Remarks RECOVERED:
~2 FOOT +/- OIL/MUDDY OIL (ESTIMATED)
124' VSOSGMW 1% GAS, 68% WTR, 31% MUD W/ A THIN SCUM OF OIL (95' DP, 29' DC)
126' TOTAL FLUID

GRAVITY: 39.8 @ 60 DEG

CHLOR: 32,000 PPM
PH:8.0
RW: .25 @ 68 DEG

TOOL SAMPLE: 98% WTR, 2% MUD W/ A VERY THIN SCUM OF OIL

RACETTE #2





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: RCTT2DST6

TIME ON: 0445
TIME OFF: 1410

Company NEW GULF OPERATING LLC Lease & Well No. RACETTE #2
Contractor VAL RIG 4 Charge to NEW GULF OPERATING LLC
Elevation 3031 KB Formation JOHNSON Effective Pay _____ Ft. Ticket No. M582
Date 11/22/2013 Sec. 10 Twp. 12 S Range 32 W County LOGAN State KANSAS
Test Approved By JOHN GOLDSMITH Diamond Representative MIKE COCHRAN

Formation Test No. 6 Interval Tested from 4543 ft. to 4607 ft. Total Depth 4607 ft.
Packer Depth 4538 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4543 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4525 ft. Recorder Number 0063 Cap. 6,000 P.S.I.
Bottom Recorder Depth (Outside) 4604 ft. Recorder Number 6884 Cap. 6,275 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 61 Drill Collar Length 29 ft. I.D. 2 1/4 in.
Weight 8.9 Water Loss 6.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,700 P.P.M. Drill Pipe Length 4482 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 64 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. ^{31'DP} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: GSB, 1/2 AN INCH RIGHT AWAY, BOB 15 1/2 MIN. (1/2" BB)
2nd Open: GSB, BOB 21 1/2 MIN. (WS BB)

Recovered 290 ft. of GIP GRAVITY: 26.0 @ 60°
Recovered 150 ft. of GO 1% GAS, 99% OIL
Recovered 250 ft. of GHOCM 10% GAS, 46% OIL, 44% MUD (221' DP, 29' DC)
Recovered 400 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: 60% OIL, 40% MUD	Total

Time Set Packer(s) 7:15 A.M. ^{A.M.} P.M. Time Started Off Bottom 10:15 A.M. ^{A.M.} P.M. Maximum Temperature 123°F

Initial Hydrostatic Pressure..... (A) 2198 P.S.I.
Initial Flow Period..... Minutes 30 (B) 22 P.S.I. to (C) 112 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1098 P.S.I.
Final Flow Period..... Minutes 45 (E) 122 P.S.I. to (F) 179 P.S.I.
Final Closed In Period..... Minutes 60 (G) 889 P.S.I.
Final Hydrostatic Pressure..... (H) 2181 P.S.I.

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DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	NEW GULF OPERATING LLC	Job Number	M582
Well Name	RACETTE #2	Representative	MIKE COCHRAN
Unique Well ID	DST#6 4543-4607 JOHNSON	Well Operator	NEW GULF OPERATING LLC
Surface Location	SEC.10-12S-32W LOGAN CO.KS.	Report Date	2013/11/22
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	JOHN GOLDSMITH
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#6 4543-4607 JOHNSON		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2013/11/22	Start Test Time	04:45:00
Final Test Date	2013/11/22	Final Test Time	14:10:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

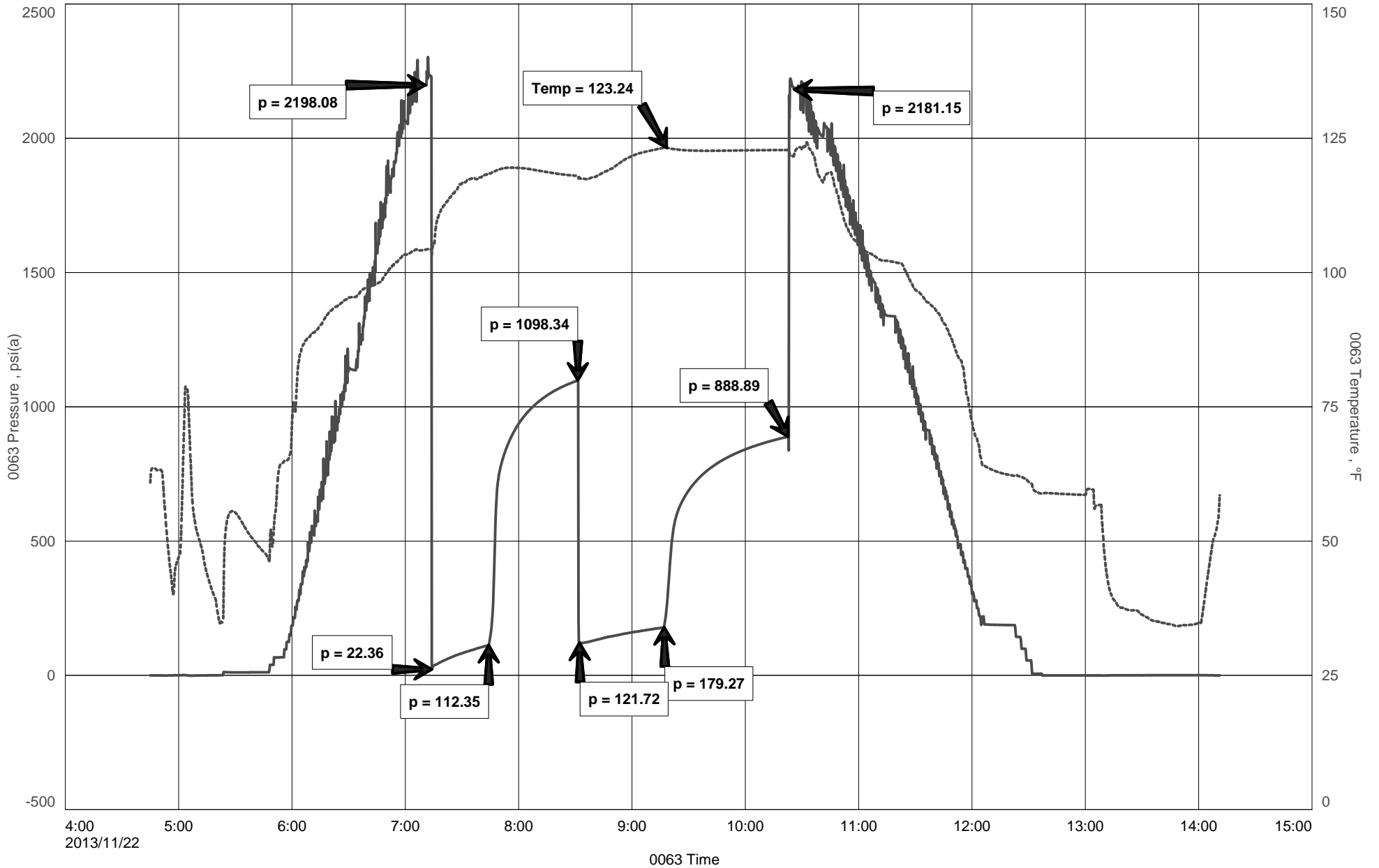
Test Results

Remarks RECOVERED:
290' GIP
150' GO 1% GAS, 99% OIL
250' GHOCM 10% GAS, 46% OIL, 44% MUD (221' DP, 29' DC)
400' TOTAL FLUID

GRAVITY: 26.0 @ 60 DEG

TOOL SAMPLE: 60% OIL, 40% MUD

RACETTE #2





CONSOLIDATED
Oil Well Services, LLC

263863

NET NUMBER 44487
LOCATION Ogden KS
FOREMAN Miles Shaw

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
11-11-13	5661	Racette #2	10	12S	32W	Logan
CUSTOMER <u>New Gulf Operating</u>			ORALEY #3			
MAILING ADDRESS			55			
CITY			16			
STATE			1/4S East			
ZIP CODE			7th			
TRUCK #	DRIVER	TRUCK #	DRIVER			
452718	Dane R					
4600	Jeremy S					

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 270' CASING SIZE & WEIGHT 2 5/8" 24 lb
 CASING DEPTH 270' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 1418 SLURRY VOL 1.36 WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 15 1/2 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meetings and rig up on Val drilling #4 Circulate casing
mix SWS Class A common cement with 3% calcium 20 gal displaced
15 1/2 bbls water Shut in cement did circulate bbls to pit

Thanks Miles & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1150.00	1150.00
5406	15	MILEAGE	5.25	78.75
5407	TONS	Ten mileage delivery	430.00	430.00
11045	2005 lb	Common class A cement	18.55	3710.00
1102	564 #	Calcium Chloride	.94	530.16
1118B	376 #	Penetration gel	.27	101.52
			Subtotal	6000.43
			less 10% discount	600.04
			Subtotal	5400.39
			7.65	208.94
			SALES TAX	208.94
			ESTIMATED TOTAL	5609.33

completed

Ravin 3737

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.



264300

TICKET NUMBER 44531
 LOCATION Oakley Co.
 FOREMAN Dauen

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
11/24/13	51661	Rosette #2	10	12	32	Logan
CUSTOMER New Gulf operating			Oakley			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			65	463	Cory	Helpers
STATE			1W	566	Lance	Tim
ZIP CODE			45	693	Lance	
				466	Tim	

JOB TYPE 2 Stage HOLE SIZE 7 7/8 HOLE DEPTH 4720' CASING SIZE & WEIGHT 5 1/2, 15.5
 CASING DEPTH 4717' DRILL PIPE _____ TUBING _____ OTHER DV Tool 2571
 SLURRY WEIGHT 13.8, 12.5 SLURRY VOL 142, 189 WATER gal/sk _____ CEMENT LEFT in CASING 42.08
 DISPLACEMENT 11.26, 6.18 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting Rig up on Val #4 Run Casing + Float Equipment Basket #52
Centralizers 1-2-3-6-9-12-15-18-51-53 DV Tool #52 Circulate for 1 hr. Pump water
mix mud Flush Pump + water mix 200 sks OWS# Kalseal washup pump + lines Displace with
50 water + 61.26 mud Land Plug @ 1500' Lift 800' Drop opening Tool wait 15 min
open Tool @ 900' Circulate 3 hrs mix 30 sks 6 1/4 8% Gal 1/4 Floseal in R.H.
+ 20 sks in M.H. mix 400 sks 6 1/4 8% Gal 1/4 Floseal in Casing Washup Pump + Lines
Displace Plug Down with 61.18 bbl water Land @ 2000' Lift 1000' Float Did Hold

Cement Did Circulate
Approx 25 SKS To Pit

Thanks Dauen + Crew

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	Ton Mileage Delivery	\$17.50	\$503.12
1126	200 sks	OWS	\$23.70	\$4740.00
1110 A	1000*	Kalseal	\$.56	\$560.00
1131	500 sks	6 1/4 Pcs	\$15.86	\$7930.00
1118 B	3440*	Bentonite	\$.32	\$1120.80
1107	125*	Floseal	\$2.97	\$371.25
1144 G	500 gal	Mud Flush	\$1.00	\$500.00
4159	1	RFU Float Shoe 5 1/2 (W)	\$433.75	\$433.75
4130	10	Centralizers 5 1/2 (W)	\$61.00	\$610.00
4104	1	Basket 5 1/2 (W)	\$290.00	\$290.00
4283	1	DV Tool 5 1/2 (W)	\$490.00	\$490.00
4454	1	Latch Down Plug Assy 5 1/2 (W)	\$567.00	\$567.00
1111	200*	Salt	NC	NC
		SubTotal		\$2556.14
		Less 10%		\$2300.526
		SubTotal		\$2300.526
		SALES TAX 7.65		1503.06
		ESTIMATED TOTAL		\$24508.30

Ravin 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.