



KANSAS CORPORATION COMMISSION 1061754  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

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
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

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

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total 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**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1061754

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  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				

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 Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	New Gulf Operating LLC
Well Name	Racette 1
Doc ID	1061754

All Electric Logs Run

CPI Log
Microresistivity Log
Dual Compensated Poro
Caliper Log
Dual Induction
Geo Log

Form	ACO1 - Well Completion
Operator	New Gulf Operating LLC
Well Name	Racette 1
Doc ID	1061754

Tops

Name	Top	Datum
Anhydrite	2550	+427
Stotler	3649	-627
Topeka	3776	-627
Heebner	4002	-754
Lansing	4046	-1024
Muncie Creek	4190	-1168
Stark	4272	-1250
BKC	4337	-1315
Marmaton	4362	-1340
Altamont	4389	-1367
Pawnee	4464	-1442
Ft. Scott	4515	-1493
Cherokee Shale	4541	-1519
Johnson	4576	-1554
Morrow Shale		
Miss		

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  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

August 18, 2011

New Gulf Operating LLC  
6310 E. 102nd St.  
TULSA, OK 74137

Re: ACO1  
API 15-109-21011-00-00  
Racette 1  
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,



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

TIME ON: \_\_\_\_\_  
TIME OFF: \_\_\_\_\_

Company \_\_\_\_\_ Lease & Well No. \_\_\_\_\_  
Contractor \_\_\_\_\_ Charge to \_\_\_\_\_  
Elevation \_\_\_\_\_ Formation \_\_\_\_\_ Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_  
Date \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Range \_\_\_\_\_ W County \_\_\_\_\_ State **KANSAS**  
Test Approved By \_\_\_\_\_ Diamond Representative \_\_\_\_\_

Formation Test No. \_\_\_\_\_ Interval Tested from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Total Depth \_\_\_\_\_ ft.  
Packer Depth \_\_\_\_\_ ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth \_\_\_\_\_ ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Bottom Recorder Depth (Outside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type \_\_\_\_\_ Viscosity \_\_\_\_\_ Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
Weight \_\_\_\_\_ Water Loss \_\_\_\_\_ cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
Chlorides \_\_\_\_\_ P.P.M. Drill Pipe Length \_\_\_\_\_ ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length \_\_\_\_\_ ft. Tool Size 3 1/2-IF in.  
Did Well Flow? \_\_\_\_\_ Reversed Out \_\_\_\_\_ Anchor Length \_\_\_\_\_ ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: \_\_\_\_\_  
2nd Open: \_\_\_\_\_

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

Time Set Packer(s) \_\_\_\_\_ A.M. P.M. Time Started Off Bottom \_\_\_\_\_ A.M. P.M. Maximum Temperature \_\_\_\_\_  
Initial Hydrostatic Pressure..... (A) \_\_\_\_\_ P.S.I.  
Initial Flow Period..... Minutes \_\_\_\_\_ (B) \_\_\_\_\_ P.S.I. to (C) \_\_\_\_\_ P.S.I.  
Initial Closed In Period..... Minutes \_\_\_\_\_ (D) \_\_\_\_\_ P.S.I.  
Final Flow Period..... Minutes \_\_\_\_\_ (E) \_\_\_\_\_ P.S.I. to (F) \_\_\_\_\_ P.S.I.  
Final Closed In Period..... Minutes \_\_\_\_\_ (G) \_\_\_\_\_ P.S.I.  
Final Hydrostatic Pressure..... (H) \_\_\_\_\_ 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 OPER.	Job Number	M183
Well Name	RACETTE #1	Representative	MIKE COCHRAN
Unique Well ID	DST#1 4538-4602 JOHNSON STRADDLE	Well Operator	NEW GULF OPER.
Surface Location	SEC.10-12S-32W LOGAN CO.KS.	Report Date	2011/07/10
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	CURTIS COVEY
		Test Unit	NO. 1

### Test Information

Test Type	CONVENTIONAL		
Formation	DST#1 4538-4602 JOHNSON STRADDLE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/07/10	Start Test Time	08:25:00
Final Test Date	2011/07/10	Final Test Time	21:10:00
		Well Fluid Type	01 Oil
Gauge Name	8457		
Gauge Serial Number			

### Test Results

#### Remarks

RECOVERED:  
850' G.I.P.  
2490' GMO 2% GAS, 94% OIL, 4% MUD  
2490' TOTAL FLUID

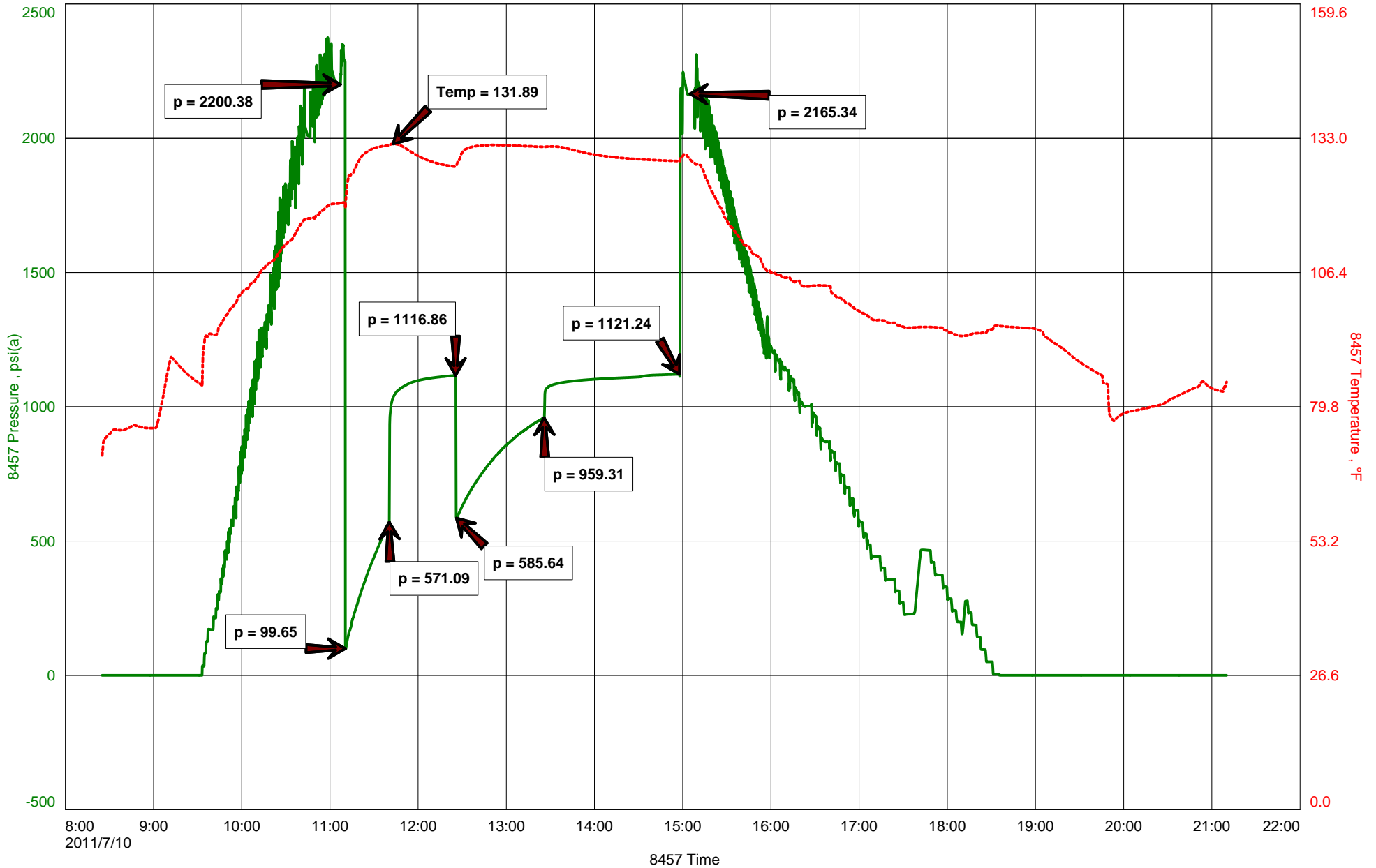
GRAVITY: 25.6@ 60 DEG.

TOOL SAMPLE: 2% GAS, 85% OIL, 13% MUD

NEW GULF OPER.  
DST#1 4538-4602 JOHNSON STRADDLE  
Start Test Date: 2011/07/10  
Final Test Date: 2011/07/10

RACETTE #1  
Formation: DST#1 4538-4602 JOHNSON STRADDLE  
Pool: WILDCAT  
Job Number: M183

# RACETTE #1







**CONSOLIDATED**  
Oil Well Services, LLC

TICKET NUMBER 28103

LOCATION Oakley Ks

FOREMAN Kelly Gable

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
7-12-11	5661	Racette #1	10	12 <sup>s</sup>	32 <sup>w</sup>	Logan
CUSTOMER New Gulf Operating LLC		Oakley	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS		65	399	Celia Hardenbrook		
CITY		1 W	460	Joe		
STATE		1/2 S	466-T12	Damian Miller		
ZIP CODE		615				

JOB TYPE Prod-DV-0 HOLE SIZE 7 7/8 HOLE DEPTH 4700' CASING SIZE & WEIGHT 5 1/2 15.5  
CASING DEPTH 4699' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER DV-2579'  
SLURRY WEIGHT 13.8-12.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 45.23'  
DISPLACEMENT 50w-63m DISPLACEMENT PSI 850# MIX PSI \_\_\_\_\_ RATE 6 BPM  
REMARKS: Safety Meeting, Rie up on Val #4 Van Floot Equipment, Cent 1-3  
6-10-14-18-22-24, 52-54, DV Tool on 53 (2579') Circ on bottom 1-1hr  
Pump 500gal Mud Flush, mixed 175 sks OWC, 5# Kal Seal, Clear Pump + Lines  
Release Plug + Displace 50 BBL H<sub>2</sub>O + 61 BBL Mud @ 850#, Landed Plug @ 1300#  
release Pressure, Float Held, Open DV Tool Circ. 4 Ays, mix 30 sks in RAH.  
Mix 20 sks in WH, mixed 400 sks 60/40 perz, 8% Gel, 1/4" Flo Seal, release  
Plug + Displaced 60 BBL H<sub>2</sub>O @ 1100#, Landed Plug @ 1700#, release  
Pressure, Hold

Comment DV Circ

Thank You

Watterson

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	2850.00	2850.00
5406	7	MILEAGE	5.00	35.00
1126	175 sks	OWC	21.48	3759.00
1110A	875#	Kal Seal	.53	463.75
1118B	3256#	Bentonite	.24	781.44
11446	500gal	Mud Flush	1.00	500.00
1131	450 sks	60/40 perz	14.35	6,457.50
1107	113#	Flo Seal	2.60	300.58
5407A	27.58	Van Mileage Delivery	1.58	410.00
4159	1	5 1/2- AEU Float Shoe	413.00	413.00
4130	10	5 1/2- Centralizers	58.00	580.00
4104	1	5 1/2- Basket	276.00	276.00
4283	1	5 1/2- DV Tool w/ Katak clamer	385.00	385.00
				20,676.27
				Less 15% Disc
				3,101.44
				17,574.83
			SALES TAX	1152.38
			ESTIMATED TOTAL	18,727.21

Revin 3737

AUTHORIZATION

*Danny Bidwell*

TITLE NOBO

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

T. NET NUMBER 28058  
LOCATION Oakley  
FOREMAN Kelly Gabel  
Walt Dunkel

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	
7-2-11	5661	Racette #1	10	12	32	Logan	
CUSTOMER <u>New Gulf</u>		TRUCK #		DRIVER		TRUCK #	
MAILING ADDRESS		463		Chad S Miles		5	
CITY		439		Cory D			
STATE		ZIP CODE					

JOB TYPE Surface - 0 HOLE SIZE 12 1/4 HOLE DEPTH 311 CASING SIZE & WEIGHT 8 7/8 24#  
 CASING DEPTH 311 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 148 SLURRY VOL 1.74 WATER gal/sk 6.5 CEMENT LEFT in CASING 20'  
 DISPLACEMENT 18 1/2 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Rig up on Val. Rig 4 to circulate, mix 210SKS of com 3+2,  
Displace with 18 1/2 bbl H<sub>2</sub>O. Wash pump lines log down and left  
location  
safety meeting.

cement did circulate  
Thanks  
Kelly & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1025.00	1025.00
5406	7	MILEAGE	5.00	35.00
11045	210SKS	CLASS A cement	16.80	3528.00
1118B	350#	Bentonite	.24	84.00
1102	560#	Calcium chloride	.84	470.40
4432	1	8 7/8 wooden Plug	96.00	96.00
3407A	9.87	Ton mileage delivery	1.58	410.00
				5,648.40
				- 847.26
				4,801.14
			7.890	277.02
				5078.16

RAVIN 3737  
 AUTHORIZATION [Signature] TITLE Co. Man DATE 7-2-11

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

# DRILLING REPORT

**NEW GULF ENERGY**  
6310 E. 102<sup>nd</sup> Street  
Tulsa, Oklahoma 74137  
Office (918) 728-3020

**# 1 RACETTE**  
2045'FNL 917'FWL  
Section 10-T12S-R32W  
Logan County, Kansas

Elevation: **GL 3011 KB 3022**

API # 15-109-21011

Drilling Contractor: VAL DRILLING RIG 4 (620-617-2793)  
Larry Hinderliter 620-804-0097 Toolpusher

Geologist: Curtis Covey 316-258-9976 / JoeBaker 316-253-9696  
Comparison Well: New Gulf Energy

**# 1 SHEETZ**  
16-12S-32W

New Gulf Rep : Danny Birdwell 432-940-6680/ Engineer JoJo Birdwell 432-634-0773/Troy Poole

	SAMPLE TOPS	DATUM	SHOWS
ANHYDRITE	2550	+472	-17
BASE ANHYDRITE	2574	+448	-19
STOTLER	3649	-627	-14
TOPEKA	3776	-754	-15
HEEBNER	4002	-980	-23
LANSING	4046	-1024	-21
MUNCIE CREEK	4190	-1168	-23
STARK	4272	-1250	-25
BKC	4337	-1315	-20
MARMATON	4362	-1340	
ALTAMONT	4389	-1367	
PAWNEE	4464	-1442	-9
FT. SCOTT	4515	-1493	-8
CHEROKEE SHALE	4541	-1519	-8
JOHNSON	4576	-1554	-9 DST#1 4528-4602 STRADDLE: Vuggy/Foss Fair to Good Porosity Show of Free Oil, Gas Bubbs, Good Odor, Oil Scum on Wash Water,Med Brown Stain Pos Cut Pos/ Acid
MORROW SHALE			
MISS			
RTD			
LTD			

7/1/11 Move In  
7/2/11 311' WOC Spud  
Down for 4<sup>th</sup> of July  
7/5/11 311'  
7/6/11 2099  
7/7/11 3122 Displace @ 3450,  
7/8/11 3865  
7/9/11 4365'  
7/10/11 4614'  
7/11/11

DST # 1 JOHNSON

30-45-60-90

IST OPEN: STRONG BLOW OBB IN 1 ½ MIN.

IST SHUT IN: BLOW BACK OBB IN 19 ½ MIN

2<sup>ND</sup> OPEN: OBB IN 2 ½ MIN

2<sup>ND</sup> SHUT IN: WEAK 1 ½ INCH BLOW BACK

RECOVERY:

850' Gas in Pipe

2490' Gassy Muddy Oil ( 2% Gas,94% Oil,4% Mud) Oil Gravity 25.6 @ 60 degree

Total Fluid 2490'

IFP/FFP: 100-571/586-959#

ISP/FSP: 1117/1121#

IHP/FHP: 2200/2165# Max Temp 132 deg