



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1151725
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: _____



1151725

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
--	---

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> _____
---	--

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: _____ _____
--	--	---

Form	ACO1 - Well Completion
Operator	New Gulf Operating LLC
Well Name	Denny 2-11
Doc ID	1151725

Tops

Name	Top	Datum
Anhydrite	2554	
Base Anhydrite	2578	
Heebner	4009	
Lansing	4050	
Muncie Creek	4188	
Stark	4272	
Marmaton	4566	
Pawnee	4564	
Cherokee	4552	
Johnson	4593	
Mississippian		

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 15, 2013

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

Re: ACO1
API 15-109-21195-00-00
Denny 2-11
NW/4 Sec.11-12S-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,
Danny Birdwell



CONSOLIDATED
Oil Well Services, LLC

260329

TICKET NUMBER 37938
LOCATION Oakley, KS
FOREMAN Kelly Gabel

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
7-8-13	5661	Denny #2-11	11	125	32 ^W	Logan
CUSTOMER <u>New Gulf</u>			OAKLEY 65 EINO			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			389	TRAVIS		
STATE			460	TRAVIS		
ZIP CODE						

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 268' CASING SIZE & WEIGHT 8 3/8 24#
 CASING DEPTH 268' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 148 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT In CASING 20'
 DISPLACEMENT 15 1/2 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting, pigged up on val #4, hooked up to circulate mixed 200 sks com 370220gel, displaced with 15 1/2 bbl water, shut in, washed out pump lines, pigged down.

Cement did circulate

Approx 9 bbl to pit

[Handwritten signature]

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54012	1	PUMP CHARGE	1150.00	1150.00
5406	6 mi	MILEAGE	5.25	31.50
11045	200 SKS	Class A Cement	18.55	3710.00
1102	56 #	Calcium chloride	.94	530.16
1102	376 #	Bentonite	.27	101.52
5407	9.4	Ten mileage delivery	125	430.00
				5983.18
				595.32
				5357.86
				298.94
				5656.80

completed

[Large handwritten signature]

Joe 10/10

SALES TAX _____
ESTIMATED TOTAL 5656.80
DATE 7-8-13

Revin 3737

AUTHORIZATION _____

TITLE _____

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

260139

TICKET NUMBER 38011
LOCATION Oakley KS
FOREMAN FuzzY
miles show

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

FIELD TICKET & TREATMENT REPORT

CEMENT

FS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY																
7-19-13	5661	Denny 2-11	11	12	32W	Logan																
CUSTOMER New Gulf Operating			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>389</td> <td>Damon M</td> <td></td> <td></td> </tr> <tr> <td>397</td> <td>Jeremy S</td> <td></td> <td></td> </tr> <tr> <td>529-129</td> <td>Jordan L</td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	389	Damon M			397	Jeremy S			529-129	Jordan L		
TRUCK #	DRIVER	TRUCK #					DRIVER															
389	Damon M																					
397	Jeremy S																					
529-129	Jordan L																					
MAILING ADDRESS																						
CITY																						
STATE																						
ZIP CODE																						

JOB TYPE 2-stage HOLE SIZE 7 1/8 HOLE DEPTH 4750' CASING SIZE & WEIGHT 5" 2 15.5
CASING DEPTH 4737' DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT 13.8-14.5 SLURRY VOL 1.42-1.9 WATER gal/sk _____ CEMENT LEFT in CASING 42.12
DISPLACEMENT 111.75 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting on Val #4. Float equip cont 1, 3, 6, 10, 14, 18, 22, 26, 30, 34, 38, 42, 46, 50, 54, 58, 62, 66, 70, 74, 78, 82, 86, 90, 94, 98, 102, 106, 110, 114, 118, 122, 126, 130, 134, 138, 142, 146, 150, 154, 158, 162, 166, 170, 174, 178, 182, 186, 190, 194, 198, 202, 206, 210, 214, 218, 222, 226, 230, 234, 238, 242, 246, 250, 254, 258, 262, 266, 270, 274, 278, 282, 286, 290, 294, 298, 302, 306, 310, 314, 318, 322, 326, 330, 334, 338, 342, 346, 350, 354, 358, 362, 366, 370, 374, 378, 382, 386, 390, 394, 398, 402, 406, 410, 414, 418, 422, 426, 430, 434, 438, 442, 446, 450, 454, 458, 462, 466, 470, 474, 478, 482, 486, 490, 494, 498, 502, 506, 510, 514, 518, 522, 526, 530, 534, 538, 542, 546, 550, 554, 558, 562, 566, 570, 574, 578, 582, 586, 590, 594, 598, 602, 606, 610, 614, 618, 622, 626, 630, 634, 638, 642, 646, 650, 654, 658, 662, 666, 670, 674, 678, 682, 686, 690, 694, 698, 702, 706, 710, 714, 718, 722, 726, 730, 734, 738, 742, 746, 750, 754, 758, 762, 766, 770, 774, 778, 782, 786, 790, 794, 798, 802, 806, 810, 814, 818, 822, 826, 830, 834, 838, 842, 846, 850, 854, 858, 862, 866, 870, 874, 878, 882, 886, 890, 894, 898, 902, 906, 910, 914, 918, 922, 926, 930, 934, 938, 942, 946, 950, 954, 958, 962, 966, 970, 974, 978, 982, 986, 990, 994, 998, 1000.
52, 54. Basket top #52 DU Top #53 Rig up and circulate line.
Pump 5 BBL water, 500 gal mud flush, 5 BBL water. Mix 175 sks OWC
Kolsal wash pump and lines. Drop plug and displace 5 BBL water @ 60' / 2 gal
mud, 700' h.c.t., 1400' land pipes, drop DU Bond unit 15 min open tool @ 900'
Circ 3 hrs. Pump 5 BBL water mix 305 sks BH, 205 sks MH, mix 400 sks
60/40 @ 90' / 14' @ 50 gal. Wash pump and lines. Drop plug and displace
60' / 2 BBL water, 800' h.c.t. Close DU Tool @ 1800'. Cemented
circulate approx 20 BBLs to pit.

Thanks FuzzY @ CROU

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	3175 ⁰⁰	3175 ⁰⁰
5406	10 miles	MILEAGE	5 ²⁵	52 ⁵⁰
5407A	27.6 ton	Ton Mileage Delivery	1 ⁷⁵	483 ⁰⁰
1126	175 sks	OWC	23 ⁹⁰	4147 ⁵⁰
1110A	875 #	Kolsal	.56	490 ⁰⁰
1131	450 sks	60/40 pos	15 ⁸⁰	7137 ⁰⁰
1118B	3096 #	Bentonite	.27	835 ⁹²
1107	113 #	Flosal	2 ⁹⁷	335 ⁶¹
1144G	500 gal	mud flush	1 ⁰⁰	500 ⁰⁰
4159	1	5 1/2 - AFU Float shoe (w)	433 ²⁵	433 ²⁵
4130	10	5 1/2 - Centralizers (w)	61 ⁰⁰	610 ⁰⁰
4104	1	5 1/2 - Basket (w)	290 ⁰⁰	290 ⁰⁰
4277	1	5 1/2 - DU Tool (w)	4900 ⁰⁰	4900 ⁰⁰
4454	1	5 1/2 - Latchdown Assy (w)	567 ⁰⁰	567 ⁰⁰
		Subtotal		2395 ²⁸
		less 10%		2395 ²³
		Subtotal		21561 ³⁵
		SALES TAX		1394 ⁰⁰
		ESTIMATED TOTAL		22955 ⁵⁵

completed

Rev'n 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.



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: denny2-11dst2

TIME ON: 06:42
 TIME OFF: 12:43

Company New Gulf Lease & Well No. Denny #2-11
 Contractor Val Rig #4 Charge to New Gulf
 Elevation 3021 KB Formation LKC "I-J" Effective Pay -- Ft. Ticket No. S0360
 Date 7-15-13 Sec. 11 Twp. 12 S Range 32 W County Logan State KANSAS
 Test Approved By John Goldsmith Diamond Representative Jacob McCallie

Formation Test No. 2 Interval Tested from 4203 ft. to 4254 ft. Total Depth 4254 ft.
 Packer Depth 4198 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.
 Packer Depth 4203 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4184 ft. Recorder Number 8471 Cap. 10,000 P.S.I.
 Bottom Recorder Depth (Outside) 4237 ft. Recorder Number 5965 Cap. 5,000 P.S.I.
 Below Straddle Recorder Depth ft. Recorder Number Cap. P.S.I.

Mud Type CHEMICAL Viscosity 52 Drill Collar Length 30 ft. I.D. 2 1/4 in.
 Weight 9.3 Water Loss 7.2 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in.
 Chlorides 3,300 P.P.M. Drill Pipe Length 4140 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 3 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 51 (20p) 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: WSB- Built to 1/2" in 30 min NOBB
 2nd Open: No Blow- No Build NOBB

Recovered <u>3</u> ft. of <u>OSM</u>	<u>100% M (scum oil)</u>
Recovered <u> </u> ft. of <u> </u>	<u> </u>
Recovered <u> </u> ft. of <u> </u>	<u> </u>
Recovered <u> </u> ft. of <u> </u>	<u> </u>
Recovered <u> </u> ft. of <u> </u>	<u> </u>
Recovered <u> </u> ft. of <u> </u>	<u> </u>
Remarks: <u> </u>	<u> </u>
Tool Sample: 1% O 99% M	Total

Time Set Packer(s) 8:32 AM ^{A.M.}/_{P.M.} Time Started Off Bottom 10:32 AM ^{A.M.}/_{P.M.} Maximum Temperature 116

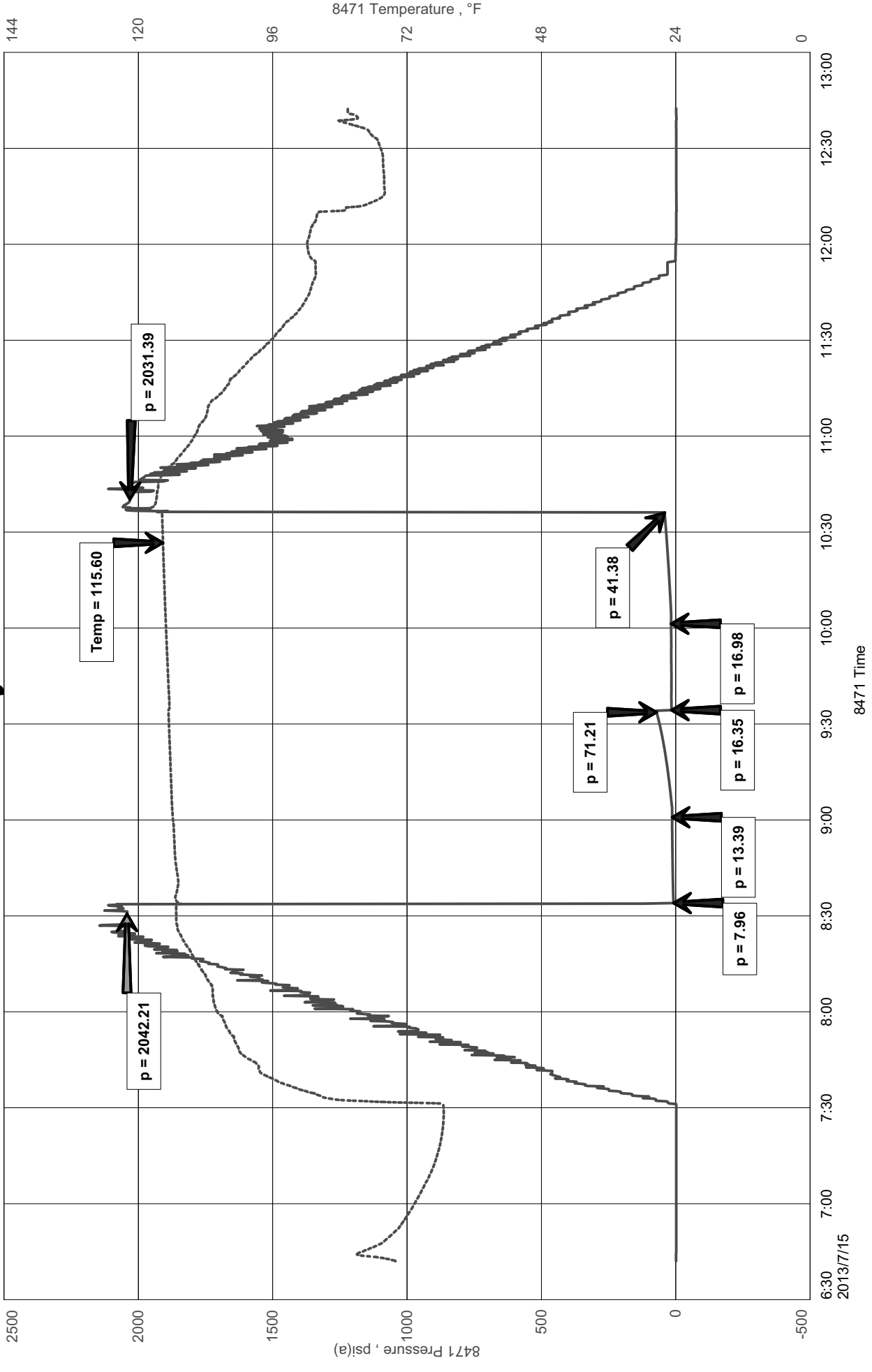
Initial Hydrostatic Pressure..... (A) 2042 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 13 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 71 P.S.I.
 Final Flow Period..... Minutes 30 (E) 16 P.S.I. to (F) 17 P.S.I.
 Final Closed In Period..... Minutes 30 (G) 41 P.S.I.
 Final Hydrostatic Pressure..... (H) 2031 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
DST #2 LKC "I-J" 4203-4254'
Start Test Date: 2013/07/15
Final Test Date: 2013/07/15

Denny #2-11
Formation: DST #2 LKC "I-J" 4203-4254'
Pool: Wildcat
Job Number: S0360

Denny #2-11



Diamond Testing

General information Report

General Information

Company Name New Gulf

Contact	Jim Henkle	Job Number	S0360
Well Name	Denny #2-11	Representative	Jacob McCallie
Unique Well ID	DST #2 LKC "I-J" 4203-4254'	Well Operator	New Gulf
Surface Location	SEC 11-12S-32W Logan County	Report Date	2013/07/15
Well License Number		Prepared By	Jacob McCallie
Field	Wildcat		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #2 LKC "I-J" 4203-4254'		
Well Fluid Type	01 Oil	Start Test Time	06:42:00
		Final Test Time	12:43:00
Start Test Date	2013/07/15		
Final Test Date	2013/07/15		
Gauge Name	8471		
Gauge Serial Number			

Test Results

RECOVERED:
3' OSM 100% M (scum oil)

TOOL SAMPLE:
1% O 99% M



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: denny2-11dst3

TIME ON: 7-16 22:20
TIME OFF: 7-17 05:27

Company New Gulf Lease & Well No. Denny #2-11
Contractor Val Rig #4 Charge to New Gulf
Elevation 3021 KB Formation Johnson Effective Pay -- Ft. Ticket No. S0361
Date 7-17-13 Sec. 11 Twp. 12 S Range 32 W County Logan State KANSAS
Test Approved By John Goldsmith Diamond Representative Jacob McCallie

Formation Test No. 3 Interval Tested from 4518 ft. to 4588 ft. Total Depth 4588 ft.

Packer Depth 4513 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Packer Depth 4518 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4499 ft. Recorder Number 8471 Cap. 10,000 P.S.I.

Bottom Recorder Depth (Outside) 4553 ft. Recorder Number 5965 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 56 Drill Collar Length 30 ft. I.D. 2 1/4 in.

Weight 9.3 Water Loss 8.0 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in

Chlorides 2,500 P.P.M. Drill Pipe Length 4455 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number 3 Test Tool Length 33 ft. Tool Size 3 1/2-IF in

Did Well Flow? NO Reversed Out NO Anchor Length 70 (38.5p) 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: WSB- Died in 18 min NOBB

2nd Open: No Blow- No Build NOBB

Recovered 2 ft. of Mud 100% M

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Tool Sample: 100% M (few oil specks) Total _____

Time Set Packer(s) 12:40 AM A.M. P.M. Time Started Off Bottom 2:40 AM A.M. P.M. Maximum Temperature 120

Initial Hydrostatic Pressure..... (A) 2237 P.S.I.

Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 10 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 20 P.S.I.

Final Flow Period..... Minutes 30 (E) 10 P.S.I. to (F) 10 P.S.I.

Final Closed In Period..... Minutes 30 (G) 18 P.S.I.

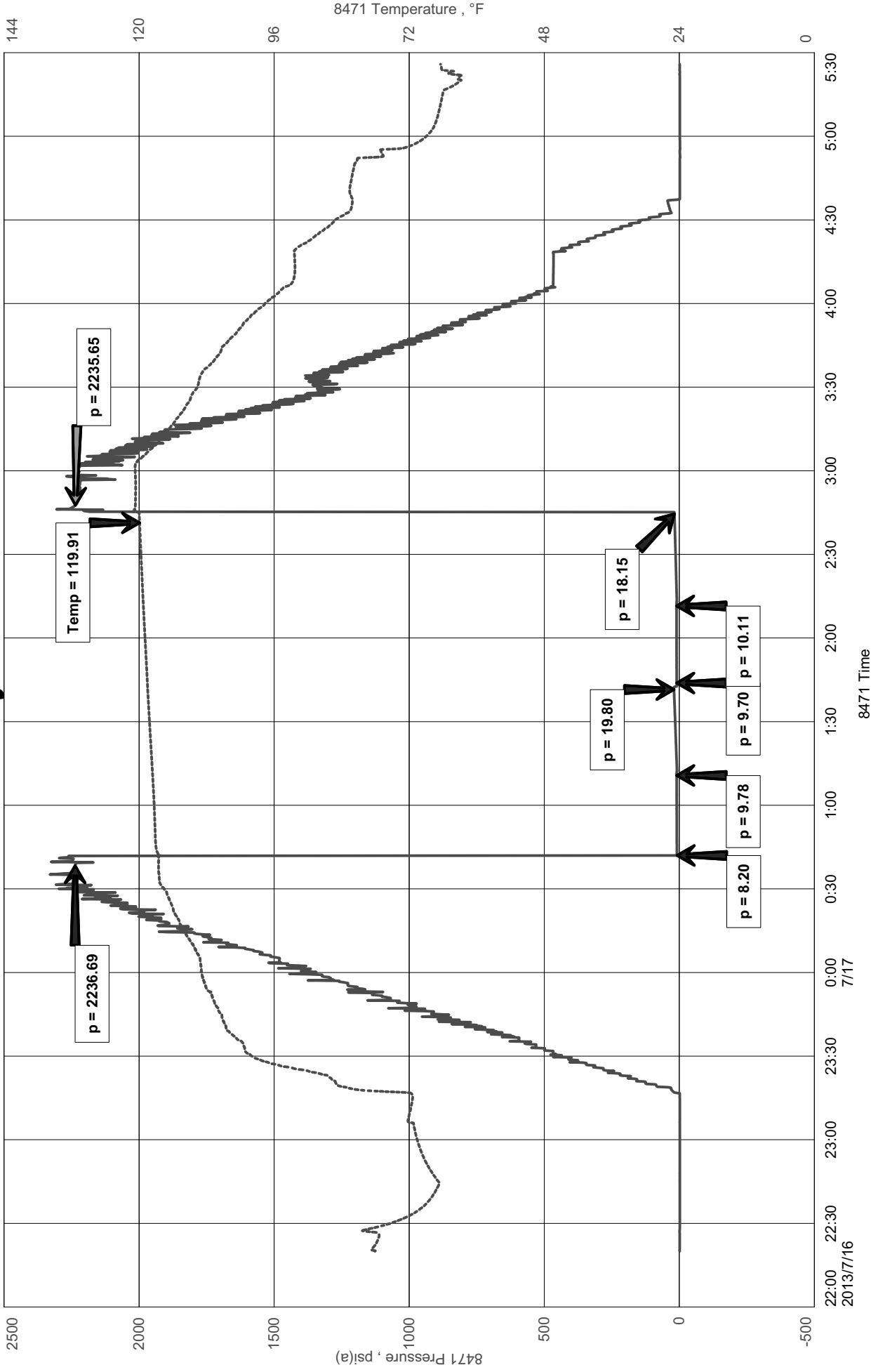
Final Hydrostatic Pressure..... (H) 2236 P.S.I.

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
DST #3 Johnson 4518-4588'
Start Test Date: 2013/07/16
Final Test Date: 2013/07/17

Denny #2-11
Formation: DST #3 Johnson 4518-4588'
Pool: Wildcat
Job Number: S0361

Denny #2-11



Diamond Testing

General information Report

General Information

Company Name New Gulf

Contact	Jim Henkle	Job Number	S0361
Well Name	Denny #2-11	Representative	Jacob McCallie
Unique Well ID	DST #3 Johnson 4518-4588'	Well Operator	New Gulf
Surface Location	SEC 11-12S-32W Logan County	Report Date	2013/07/17
Well License Number		Prepared By	Jacob McCallie
Field	Wildcat		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #3 Johnson 4518-4588'		
Well Fluid Type	01 Oil	Start Test Time	22:20:00
		Final Test Time	05:27:00
Start Test Date	2013/07/16		
Final Test Date	2013/07/17		
Gauge Name	8471		
Gauge Serial Number			

Test Results

RECOVERED:
2' MUD 100% M

TOOL SAMPLE:
100% M (few oil specks)



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: denny2-11dst1

TIME ON: 11:59
TIME OFF: 18:09

Company New Gulf Lease & Well No. Denny #2-11
Contractor Val Rig #4 Charge to New Gulf
Elevation 3021 KB Formation LKC "H" Effective Pay -- Ft. Ticket No. S0359
Date 7-14-13 Sec. 11 Twp. 12 S Range 32 W County Logan State KANSAS
Test Approved By John Goldsmith Diamond Representative Jacob McCallie

Formation Test No. 1 Interval Tested from 4168 ft. to 4206 ft. Total Depth 4206 ft.

Packer Depth 4163 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Packer Depth 4168 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4149 ft. Recorder Number 8471 Cap. 10,000 P.S.I.

Bottom Recorder Depth (Outside) 4168 ft. Recorder Number 5965 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 53 Drill Collar Length 30 ft. I.D. 2 1/4 in.

Weight 9.3 Water Loss 8.8 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in

Chlorides 2,800 P.P.M. Drill Pipe Length 4105 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number 3 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: 2 1/2" Blow- Built to 2 3/4" in 30 min (5' slide to bottom) NOBB

2nd Open: No Blow- No Build NOBB

Recovered 63 ft. of OSM 1% O 99% M

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Tool Sample: 16% O 84% M

Time Set Packer(s) 1:57 PM A.M. P.M. Time Started Off Bottom 3:57 PM A.M. P.M. Maximum Temperature 119

Initial Hydrostatic Pressure..... (A) 2023 P.S.I.

Initial Flow Period..... Minutes 30 (B) 33 P.S.I. to (C) 37 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 1280 P.S.I.

Final Flow Period..... Minutes 30 (E) 35 P.S.I. to (F) 37 P.S.I.

Final Closed In Period..... Minutes 30 (G) 1240 P.S.I.

Final Hydrostatic Pressure..... (H) 2012 P.S.I.

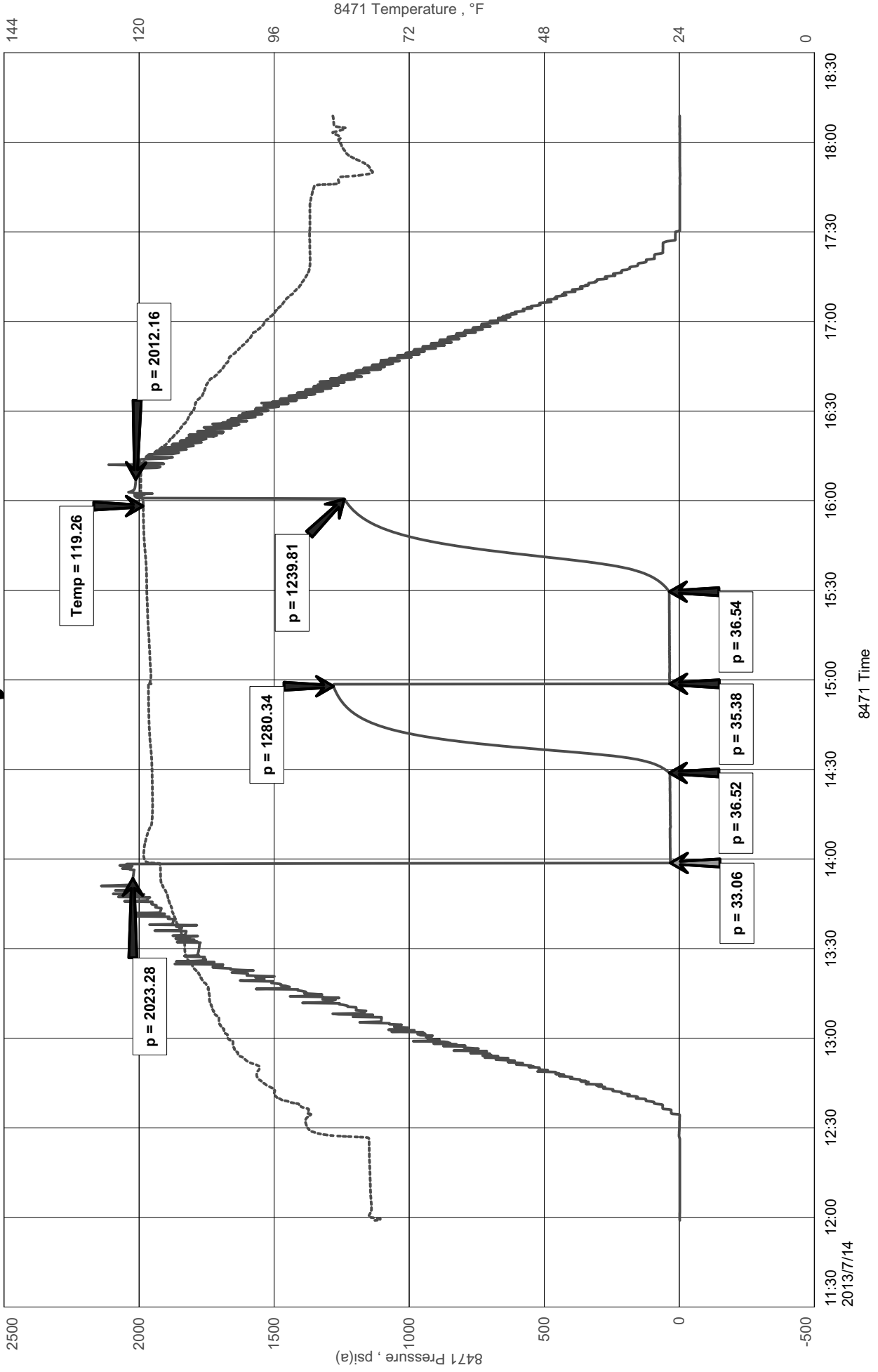
Price Job
Other Charges
Insurance
Total

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
DST #1 LKC "H" 4168-4206'
Start Test Date: 2013/07/14
Final Test Date: 2013/07/14

Denny #2-11
Formation: DST #1 LKC "H" 4168-4206'
Pool: Wildcat
Job Number: S0359

Denny #2-11



Diamond Testing

General information Report

General Information

Company Name New Gulf

Contact	Jim	Job Number	S0359
Well Name	Denny #2-11	Representative	Jacob McCallie
Unique Well ID	DST #1 LKC "H" 4168-4206'	Well Operator	New Gulf
Surface Location	SEC 11-12S-32W Logan County	Report Date	2013/07/14
Well License Number		Prepared By	Jacob McCallie
Field	Wildcat		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #1 LKC "H" 4168-4206'		
Well Fluid Type	01 Oil	Start Test Time	11:59:00
		Final Test Time	18:09:00
Start Test Date	2013/07/14		
Final Test Date	2013/07/14		
Gauge Name	8471		
Gauge Serial Number			

Test Results

RECOVERED:
63' OSM 1% O 99% M

TOOL SAMPLE:
16% O 84% M



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: denny2-11dst4

TIME ON: 7-17 16:18
TIME OFF: 7-18 00:49

Company New Gulf Lease & Well No. Denny #2-11
Contractor Val Rig #4 Charge to New Gulf
Elevation 3021 KB Formation Johnson #2 Effective Pay -- Ft. Ticket No. S0362
Date 7-17-13 Sec. 11 Twp. 12 S Range 32 W County Logan State KANSAS
Test Approved By John Goldsmith Diamond Representative Jacob McCallie

Formation Test No. 4 Interval Tested from 4532 ft. to 4610 ft. Total Depth 4633 ft.

Packer Depth 4527 ft. Size 6 3/4 in. Packer depth 4610 ft. Size 6 3/4 in.

Packer Depth 4532 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4513 ft. Recorder Number 8471 Cap. 10,000 P.S.I.

Bottom Recorder Depth (Outside) 4601 ft. Recorder Number 5965 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth 4630 ft. Recorder Number 30035 Cap. 5,700 P.S.I.

Mud Type CHEMICAL Viscosity 55 Drill Collar Length 30 ft. I.D. 2 1/4 in.

Weight 9.3 Water Loss 8.8 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in

Chlorides 3,000 P.P.M. Drill Pipe Length 4469 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number 3 Test Tool Length 33 ft. Tool Size 3 1/2-IF in

Did Well Flow? NO Reversed Out NO Anchor Length 78 (63dp) ft. Size 4 1/2-FH in

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Tail Pipe: 23' Surface Choke Size 1 in. Bottom Choke Size 5/8 in

Blow: 1st Open: 1/4" Blow- Built to BB in 20 3/4 min 1/2" BB

2nd Open: 1" Blow- Built to BB in 18 min 1" BB

Recovered 126 ft. of HMCO 60% O 40% M

Recovered 189 ft. of HMCO 55% O 45% M

Recovered 315 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Tool Sample: 48% O 52% M

Time Set Packer(s) 6:42 PM ^{A.M.}/_{P.M.} Time Started Off Bottom 9:42 PM ^{A.M.}/_{P.M.} Maximum Temperature 124

Initial Hydrostatic Pressure..... (A) 2178 P.S.I.

Initial Flow Period..... Minutes 30 (B) 13 P.S.I. to (C) 77 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1061 P.S.I.

Final Flow Period..... Minutes 45 (E) 80 P.S.I. to (F) 141 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1023 P.S.I.

Final Hydrostatic Pressure..... (H) 2166 P.S.I.

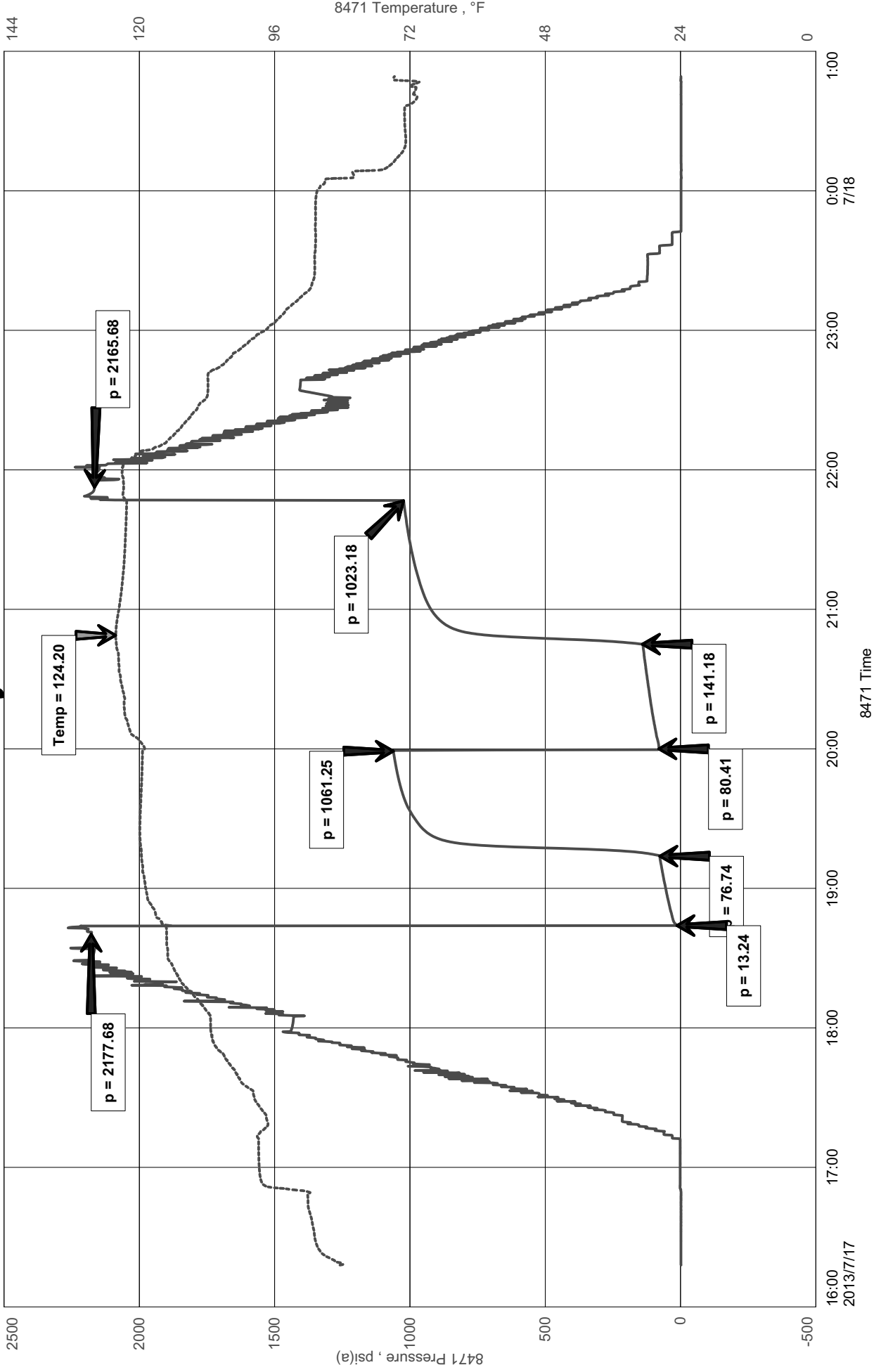
Price Job
Other Charges
Insurance
Total

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New Gulf
DST #4 Johnson #2 4532-4610 TD 4633 Straddle
Start Test Date: 2013/07/17
Final Test Date: 2013/07/18

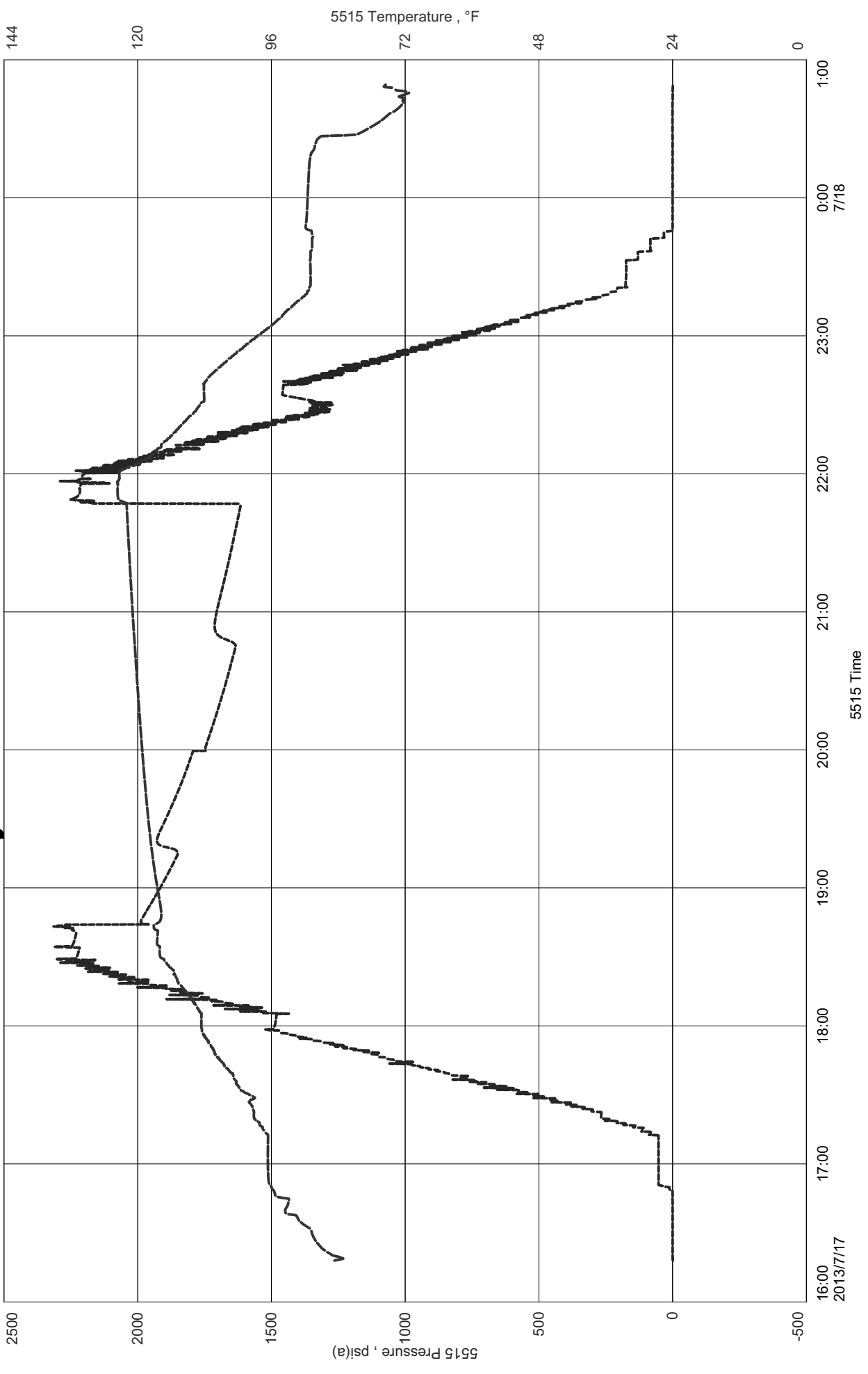
Denny #2-11
Formation: DST #4 Johnson #2 4532-4610 TD 4633 Straddle
Pool: Wildcat
Job Number: S0362

Denny #2-11



New Gulf
 DST #4 Johnson #2 4532-4610 TD 4633 Straddle
 Start Test Date: 2013/07/17
 Final Test Date: 2013/07/18
 Denny #2-11
 Formation: DST #4 Johnson #2 4532-4610 TD 4633 Straddle
 Pool: Wildcat
 Job Number: S0362

Denny #2-11 Below Straddle



Diamond Testing

General information Report

General Information

Company Name New Gulf

Contact	Jim Henkle	Job Number	S0362
Well Name	Denny #2-11	Representative	Jacob McCallie
Unique Well ID	DST #4 Johnson #2 4532-4610 TD 4633 Straddle	Well Operator	New Gulf
Surface Location	SEC 11-12S-32W Logan County	Report Date	2013/07/17
Well License Number		Prepared By	Jacob McCallie
Field	Wildcat		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #4 Johnson #2 4532-4610 TD 4633 Straddle		
Well Fluid Type	01 Oil	Start Test Time	16:18:00
		Final Test Time	00:49:00
Start Test Date	2013/07/17		
Final Test Date	2013/07/18		
Gauge Name	8471		
Gauge Serial Number			

Test Results

RECOVERED:

126'	HMCO	60% O 40% M
189'	HMCO	55% O 45% M
315'	TOTAL FLUID	

TOOL SAMPLE:

48% O 52% M