

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

RECEIVED

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

SEP 09 2009

ORIGINAL

9/4/10

OPERATOR: License # 34162

Name: New Gulf Operating, LLC

Address 1: 6100 S. Yale, STE 2010

Address 2: _____

City: Tulsa State: OK Zip: 74136 + _____

Contact Person: Wink Kopczyński

Phone: (918) 728-3020

CONTRACTOR: License # 5822

Name: Val Energy **KCC**

Wellsite Geologist: Joe M. Baker **SEP 04 2009**

Purchaser: _____ **CONFIDENTIAL**

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil SWD SLOW
- Gas ENHR SIGW
- CM (Coal Bed Methane) Temp. Abd.
- Dry Other _____
(Core, WSW, Expl., Cathodic, 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: _____ Plug Back Total Depth

_____ Commingled Docket No.: _____

_____ Dual Completion Docket No.: _____

_____ Other (SWD or Enhr.?) Docket No.: _____

5/16/09 5/21/09 6/12/09

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

API No. 15 - 155-21947-0000 **KCC WICHITA**

Spot Description: Lat.37.9201024 Lon.-98.3559572

NE SW SE NW Sec. 31 Twp. 24 S. R. 9 East West

2248 Feet from North / South Line of Section

1718 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County: Reno

Lease Name: Dealy Well #: 1

Field Name: _____

Producing Formation: Mississippi

Elevation: Ground: 1719 Kelly Bushing: 1729

Total Depth: 4452 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 AMINO 10509
(Data must be collected from the Reserve Pit)

Chloride content: 34,000 ppm Fluid volume: 6538 bbls

Dewatering method used: See CDP-5 filed with KCC approved 6/5/2009

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License No.: _____

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

County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: [Signature]

Title: Vice President Date: 9/4/2009

Subscribed and sworn to before me this 14th day of September

20 09

Notary Public: [Signature]

LAURIE GRIMMETT
Notary Public, State of Oklahoma
Commission # 08011916
My Commission Expires November 25, 2012

Date Commission Expires: 11-25-12

KCC Office Use ONLY

- Y Letter of Confidentiality Received
- If Denied, Yes Date: _____
- Wireline Log Received
- Geologist Report Received
- _____ UIC Distribution

SEP 04 2009
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Operator Name: New Gulf Operating, LLC Lease Name: Dealy Well #: 1
 Sec. 31 Twp. 24 S. R. 9 East West County: Reno

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|-------|-----|-------|--------|------|-------|---------|------|-------|---------------|------|-------|------------|------|-------|-------|------|-------|---------------|------|-------|----------|------|-------|
| Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Compensated Neutron Lithodensity Log/GR Array Induction/SP Linear Correlation/GR and Compensated Sonic Log | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Topeka</td> <td>2902</td> <td>-1173</td> </tr> <tr> <td>Lansing</td> <td>3380</td> <td>-1651</td> </tr> <tr> <td>Mississippian</td> <td>3852</td> <td>-2123</td> </tr> <tr> <td>Kinderhook</td> <td>3914</td> <td>-2185</td> </tr> <tr> <td>Viola</td> <td>4098</td> <td>-2369</td> </tr> <tr> <td>Simpson Shale</td> <td>4175</td> <td>-2446</td> </tr> <tr> <td>Arbuckle</td> <td>4251</td> <td>-2522</td> </tr> </table> | Name | Top | Datum | Topeka | 2902 | -1173 | Lansing | 3380 | -1651 | Mississippian | 3852 | -2123 | Kinderhook | 3914 | -2185 | Viola | 4098 | -2369 | Simpson Shale | 4175 | -2446 | Arbuckle | 4251 | -2522 |
| Name | Top | Datum | | | | | | | | | | | | | | | | | | | | | | | |
| Topeka | 2902 | -1173 | | | | | | | | | | | | | | | | | | | | | | | |
| Lansing | 3380 | -1651 | | | | | | | | | | | | | | | | | | | | | | | |
| Mississippian | 3852 | -2123 | | | | | | | | | | | | | | | | | | | | | | | |
| Kinderhook | 3914 | -2185 | | | | | | | | | | | | | | | | | | | | | | | |
| Viola | 4098 | -2369 | | | | | | | | | | | | | | | | | | | | | | | |
| Simpson Shale | 4175 | -2446 | | | | | | | | | | | | | | | | | | | | | | | |
| Arbuckle | 4251 | -2522 | | | | | | | | | | | | | | | | | | | | | | | |

| CASING RECORD <input checked="" 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 |
| Surface Casing | 12&1/4 | 8&5/8 | 24lbs/ft | 223 | 60/40poz | 200 | 3%cc 2%gel |
| Production | 7&7/8 | 5&1/2 | 15lbs/ft | 4279 | AA-2 | 175 | 10%salt 2%gel |
| | | | | | | | |

| 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 | | | | RECEIVED SEP 09 2009 KCC WICHITA |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|----------------|---|---|-----------|
| 4shots/foot | | 1000gal 10%NE | 3854-3884 |
| | | 116,400 #30/70 Sand | |
| | | 9,250 #20/40 Sand | |
| | | 6538bbbls of water | |

| | | | |
|---|---|------------------|--|
| TUBING RECORD: Size: <u>2&7/8</u> | Set At: | Packer At: | Liner Run: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Date of First, Resumed Production, SWD or Enhr. | Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) | | |
| Estimated Production Per 24 Hours | Oil Bbls. <u>15</u> | Gas Mcf <u>0</u> | Water Bbls. <u>182</u> Gas-Oil Ratio Gravity |

| | | |
|--|---|--|
| DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL: <u>3854-3884</u> |
|--|---|--|

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KCC WICHITA

Joe M. Baker

Petroleum Geologist
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Wichita, Kansas 67202
Ph: 316-253-9696(cell)
Fax: 316-263-8801-0480 E- Mail j baker931@sbcglobal.net

May 26, 2009

To: **New Gulf Operating, LLC**
6100 South Yale Ste 2010
Tulsa, Oklahoma 74136

Re: **# 1 Dealy**
2248'FNL 1718'FWL
Section 31-24S-9W
Reno County, Kansas

KCC
SEP 04 2009
CONFIDENTIAL

The # 1 Dealy was spud on 5/16/ 2009 and drilled to a rotary total depth of 4452' ~201' into the Arbuckle formation. Schlumberger open-hole log total depth was 4450'. Alpha Oil Field Services mud logged the well from under surface' to RTD. Geological supervision was conducted from 3100'-RTD. Samples were examined both wet and dry. Schlumberger open-hole logs included Compensated Neutron Lithodensity/GR Array Induction/Sp Linear Correlation/GR, Microlog/ GR, and Compensated Sonic. 5 1/2" casing was set at 4275' to further test the Lansing and Mississippian Chert shows.

The Lansing-Kansas City

70' zone: 3444-3448

Limestone, cream-white. Good fossiliferous oolitic / oolmoldic, pinpoint and vuggy porosity. Good odor, good show of free oil and gas. Very light stain and dull fluorescence ~ 30%.

Rickets Testing

DST # 1
3440-3473
30-30-60-60
Initial Flow: weak blow building to 5 inches
Final Flow: weak blow building to 4 inches
No blow back on shut ins.

Recovery: 60' oil and water cut mud 3% Oil, 33% Water, 64% Mud
60' mud cut water 92% Water, 8% Mud
Total Recovery: 120'
Chlorides: System 3,200 ppm
Recovery 73,000 ppm
IFP/FFP: 16-38#/39-67#
ISIP/FSIP: 1269/1282#
IHP/FHP: 1609/1578#
BHT: 110

Mississippian

3852-3883

Chert. White, yellow opaque. 10-20% w/ fair weathered vuggy to light tripolitic porosity. Good show bleeding oil and gas, light odor, dull fluorescence ~ 10-20%. Saturated dark brown staining in some. Net 30 unit gas kick.

*Shows were seen throughout the entire section of chert.

Rickets Testing

DST # 2
3857-3895
30-60-60-90

Initial Flow: weak blow building to 8 inches
Final Flow: BOB in 15 minutes
No blow back on shut ins.

Recovery: 210' Gas in Pipe
30' Gassy Oil and water cut mud 13% Gas 24% Oil, 8% Water, 55% Mud
Chlorides: System 4,500 ppm

Recovery 11,000ppm

IFP/FFP: 25-23# / 25-26#
ISIP/FSIP: 356 / 468# (Building)
IHP/FHP: 1826/1792#
BHT: 114

Overview

The Dealy location was drilled on 3-D seismic interpretation in an area thought to have a thick Mississippian Chert section and high to plugged out production to the Southwest. The well did run high but had a thinner section of Miss. Chert than expected. Two zones of interest were encountered in the Lansing –Kansas City and the Mississippian.

The Lansing 70' zone show was not recorded in any the nearby control wells so to my knowledge this show has not been completed in this area.

The Mississippian Chert section ran structurally 17' high to the Duke # 1 Packebush producer drilled in 1992 in the S2 S2 SE 1-25S-10W. The total Chert thickness was 32' compared to 57' in the Duke well. However both wells had similar total Mississippian thickness, 62' and 68'. The # 1 Dealy had an increased thickness in the basal Miss. Compton Lime. This basal lime thickness is characteristic in Langdon Field type production.

The location was not expected to have Viola and Simpson potential based on seismic structure but reservoir quality rocks were present in both.

The Viola ran 20 feet low to a Viola show in the Apache #1 Horton drilled in 30-24S-9W that tested water. The upper section of the Viola from 4099-4110 had good fine medium inter-crystalline porosity but carried no shows. This zone has produced significant reserves regionally and should have potential in the area on closure.

The Simpson Sand was well developed but again no shows were encountered.

Although total chert thickness was thin, based on structural position, sample shows, log and drill stem tests results it was decided to further test the Lansing 70' zone and Mississippian Chert sections through perforation and treatment

Respectfully Submitted

Joe M. Baker /Geologist

| | New Gulf | | DUKE | | APACHE | | AUSHERMAN | | STRUCTURAL COMPARISON | | |
|-------------------------|---------------|-------|----------------|-------|-------------------|-------|----------------|-------|-----------------------|--------|---------|
| | #1 Dealy | | #1-1 Packebush | | #1 Horton | | #1 Cooper | | | | |
| | 1750FW 2240FN | | S2 S2 SE | | 3300'FSL 3300'FEL | | NW NW NE | | | | |
| | 131-24S-9W | | 1-25S-10W | | 30-24S-9W | | 29-24S-9W | | Duke | Apache | Aushman |
| LOG TOPS | KB 1729 | | KB 1736(E-Log) | | 1720 (E-Log) | | KB 1712(DT/GR) | | | | |
| Topeka | 2902 | -1173 | | | | | | | | | |
| Heebner | 3180 | -1451 | 3209 | -1473 | 3152 | -1432 | 3164 | -1452 | -22 | 19 | -1 |
| Toronto | 3195 | -1466 | | | 3166 | -1446 | | | | | |
| Brown lime | 3362 | -1633 | 3390 | -1654 | 3350 | -1630 | 3344 | -1632 | -21 | 3 | 1 |
| Lansing | 3380 | -1651 | 3421 | -1685 | 3364 | -1644 | 3368 | -1656 | -34 | 7 | -5 |
| Stark Shale | 3653 | -1924 | 3676 | -1940 | 3618 | -1898 | | | -16 | 26 | |
| Swope | 3662 | -1933 | | | | | | | | | |
| Hushpuckney Shale | 3685 | -1956 | | | | | | | | | |
| BKC | 3738 | -2009 | 3762 | -2026 | | | | | -17 | | |
| Marm | 3780 | -2051 | | | | | | | | | |
| Cherokee Sh | 3828 | -2099 | | | | | | | | | |
| Mississippian | 3852 | -2123 | 3876 | -2140 | 3825 | -2105 | 3852 | -2140 | -17 | 18 | -17 |
| Miss Lime | 3884 | -2155 | 3933 | -2197 | 3874 | -2154 | 3917 | -2205 | -42 | 1 | -50 |
| Kinderhook | 3914 | -2185 | 3944 | -2208 | 3880 | -2160 | 3923 | -2211 | -23 | 25 | -26 |
| Viola | 4098 | -2369 | | | 4062 | -2342 | 4120 | -2408 | | 27 | -39 |
| Simpson Shale | 4175 | -2446 | | | 4144 | -2424 | 4202 | -2490 | | 22 | -44 |
| Simpson Sand | 4184 | -2455 | | | 4153 | -2433 | 4222 | -2510 | | 22 | -55 |
| Arbuckle | 4251 | -2522 | | | 4222 | -2502 | 4273 | -2561 | | 20 | -39 |
| Net Miss Chert | | 32 | | 57 | | 49 | | 65 | | | |
| Mississippian Thickness | | 62 | | 68 | | 55 | | 71 | | | |
| Viola Thickness | | 77 | | | | 82 | | 82 | | | |

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TREATMENT REPORT

SEP 09 2009

| | | |
|---------------------------------------|------------------------------|-------------------------------------|
| Customer NEW GULF OPERATING | Lease No. | Date 05-14-09 |
| Lease Dealy | Well # KCC WICHITA | |
| Field Order # 0205 | Station Pratt | Casing 8 5/8 |
| | | Depth 225' |
| Type Job CNW 8 5/8 SURFACE | Formation | County RONO |
| | | State KS |
| | | Legal Description 31-24-9 |

| PIPE DATA | | PERFORATING DATA | | FLUID USED | | TREATMENT RESUME | | |
|--------------------------------|--------------|------------------|----|------------|------------|------------------|-------|-------------------|
| Casing Size | Tubing Size | Shots/Ft | | Acid | | RATE | PRESS | ISIP |
| 8 5/8 | | | | | | | | |
| Depth 225' | Depth | From | To | Pre Pad | Max | | | KCC 5 Min. |
| Volume 13 | Volume | From | To | Pad | Min | | | 10 Min. |
| Max Press 300 | Max Press | From | To | Frac | Avg | | | 15 Min. |
| Well Connection P.C. | Annulus Vol. | From | To | | HHP Used | | | Annulus Pressure |
| Plug Depth 205' | Packer Depth | From | To | Flush | Gas Volume | | | Total Load |

| | | |
|---|--------------------------------------|---------------------------------|
| Customer Representative | Station Manager DAVE SCOTT | Treater Robert Fullam |
| Service Units 19867 19959 20920 19826 19860 | | |
| Driver Names Sullivan Shields M. McGraw | | |

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|-------------|-----------------|-----------------|--------------|--------------|--|
| 0245 | Am | | | | on loc Safety meeting |
| | | | | | Run 5 fts 8 5/8 24 CS9 |
| 0520 | Am | | | | CASING ON BOTTOM |
| 0535 | | | | | Hook Rig Break circ |
| 0545 | 100 | | 5 | 4 | Start 1/20 SPACAL |
| | | | 45 | | mix cont 200 sk 1/40007 2% gel 3% cc/cc |
| | | | | | Shut down @ Release Plug |
| 0555 | | | | 4 | Stand Disp |
| 0600 | Am 200 | | 13 | | plug down |
| | | | | | DID NOT circulate cont. |
| | | | | | Run 250 1" pipe 35' to cont |
| 0915 | 150 | | | 1 1/2 | 1" w/ 75 sk comm |
| 0930 | | | 17 | | cont to surface |
| 0945 | | | | | job complete |
| | | | | | Thank you |

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KCC
SEP 04 2009
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TREATMENT REPORT

| | | |
|--------------------------------------|------------------|--------------------------------|
| Customer New Gulf Operating, LLC. | Lease No. LC. | Date 5-22-09 |
| Lease Dealy | Well # 1 | |
| Field Order # 0067 | Station Pratt | Casing 5 1/2" |
| | | Depth 15.5 Lb. 4279 feet |
| Type Job C.N.W. - Longstring | Formation | County Reno |
| | | State KS |
| | | Legal Description 31-245-9W |

| PIPE DATA | | PERFORATING DATA | | MATERIALS USED | | TREATMENT RESUME | |
|-----------------------------------|--------------------------|------------------|-----------|-----------------------------|------------|---------------------|------------------|
| Casing Size 5 1/2" | Tubing Size 5 Lb./Ft. | Shots/Ft. | 175 sacks | AA-2 with .25% Defoamer | ISIP | 58 FLA-322 | |
| Depth 4279 feet | Depth | From | To | 108 sacks .758 Gas | Max | 5 Lb./sk. Gilsonite | |
| Volume 101.8 Bbl. | Volume | From | To | 5.4 Lb./Gal., 5.63 Gal./sk. | Min | 1.36 CU. Ft./sk. | |
| Max Press. 1500 P.S.I. | Max Press | From | To | | Avg | 15 Min. | |
| Well Connection Plug Container | Annulus Vol. | From | To | 50 sacks 60/40 Poz to plug | HP Used | Rat and Mouse holes | Annulus Pressure |
| Plug Depth 4240 feet | Packer Depth | From | To | Flush 101 Bbl. 28 HCL | Gas Volume | | Total Load |

Customer Representative: Danny Birdwell Station Manager: David Scott Treater: Clarence R. Messick

| | | | | | | | | | |
|---------------|---------|--------|----------|--------|--------|--|--|--|--|
| Service Units | 19,870 | 19,903 | 19,905 | 19,832 | 21,010 | | | | |
| Driver Names | Messick | Mattal | LaChance | | | | | | |

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|------|-----------------|-----------------|--------------|------|---|
| 1:00 | | | | | Cementer and Float Equipment on location. |
| 3:00 | | | | | Trucks on location and hold safety meeting. |
| 2:15 | | | | | Val Drilling start to run Auto-Fill Float Shoe, Shoe Joint with latch Down Baffle screwed into collar and a total of 112 Joints new 15.5 Lb./Ft. 5 1/2" casing. Ran Turbolizers on Collars # 1, 2, 4, 6, 8, 13, 18, 109, 110 and # 111. |
| 4:40 | | | | | Casing in well. Circulate for 1 hour. |
| 5:43 | 300 | | | 6 | Start Fresh Water Pre-Flush. |
| | 400 | | 20 | 6 | Start Super Flush II. |
| | | | 32 | 5 | Start Fresh Water Spacer. |
| 5:51 | 600 | | 35 | 5 | Start mixing 175 sacks AA-2 cement. |
| | -0- | | 77 | | Stop pumping. Shut in well. Wash pump and lines. Release Latch Down Plug. Open Well. |
| 6:03 | 150 | | | 6.5 | Start 28 HCL Displacement. |
| | | | 83 | 5 | Start to lift cement. |
| 6:18 | 800 | | 101 | | Plug down. |
| | 1,500 | | | | Pressure up. |
| | | | | | Release pressure. Insert held. |
| | -0- | | 7.5/5 | 3 | Plug Rat and Mouse holes. |
| | | | | | Washup pump truck. |
| 7:00 | | | | | Job Complete. |
| | | | | | Thank You. |
| | | | | | Clarence, Mike, Stephen |

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SEP 04 2009

TREATMENT REPORT

| | | | | | |
|--|------------------|-----------------|----------------------------|--------------------------------|-------------|
| Customer NEW GULF OPERATING | | Lease No. | | Date 6-12-09 | |
| Lease DEALY | | Well # 1 | | CONFIDENTIAL | |
| Field Order # 0145A | Station PRATT | Casing 5 1/2 | Depth | County RENO | State KS |
| Type Job 15 TANK SLICK WATER FRAC N/W | | | Formation MISSI - CHERT | Legal Description 31-215-9W | |

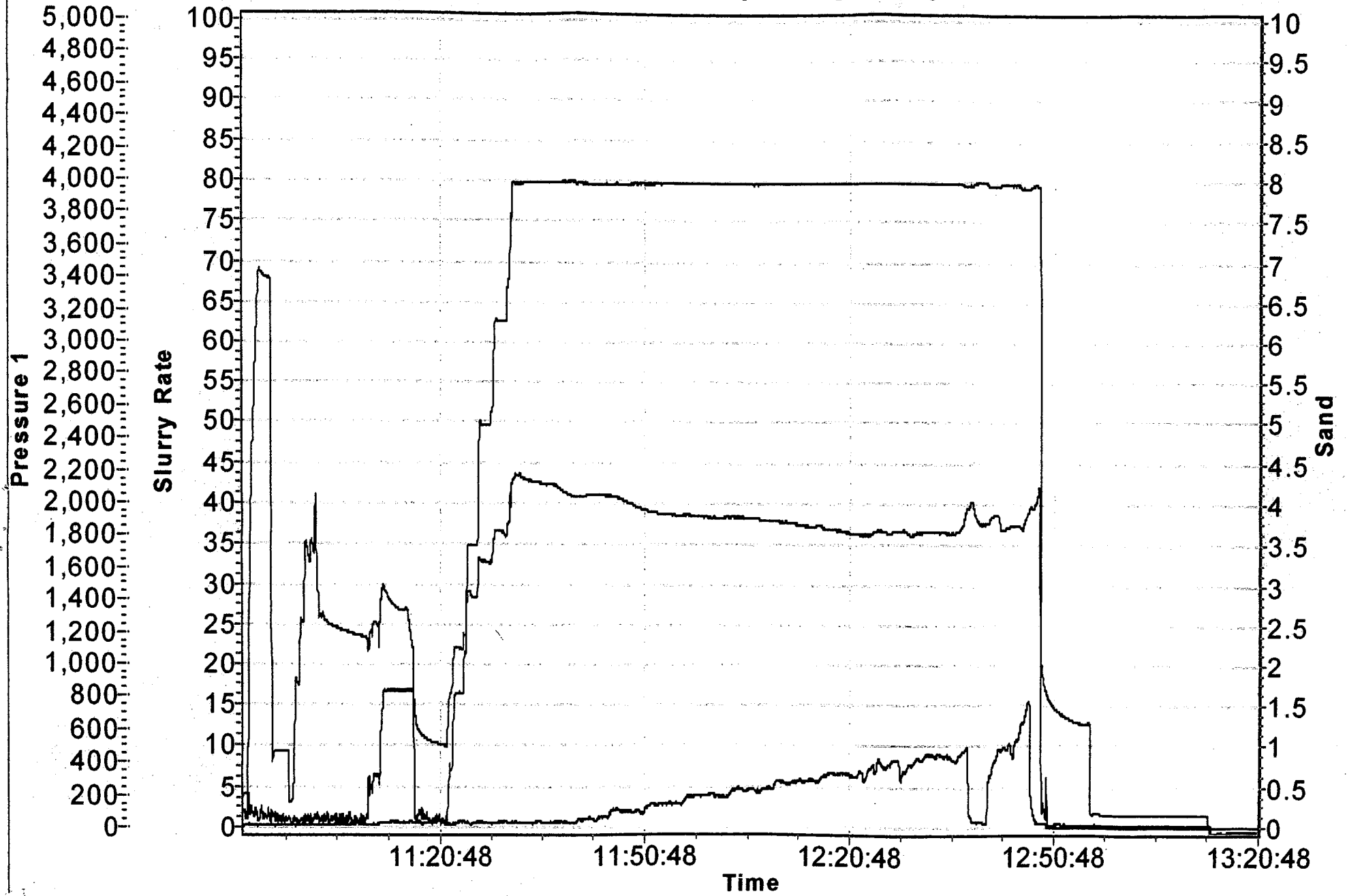
| PIPE DATA | | PERFORATING DATA | | FLUID USED | | TREATMENT RESUME | | |
|------------------------|--------------|------------------|------------|--|--|------------------|-------|------------------------|
| Casing Size 5 1/2 | Tubing Size | Shots/Ft 4 | | Acid 1000 gal 10% NE | | RATE | PRESS | ISIP 1004 |
| Depth | Depth | From 2854 | To 3884 | Pre Pad 5000 GALLON SLK H ₂ O | | Max 79.9 | 2041 | 5 Min. 646 |
| Volume 92.4 | Volume | From | To | Pad 3400 GALLON SLK H ₂ O | | Min 79.2 | 1813 | 10 Min. |
| Max Press 2000 | Max Press | From | To | Frac 209500 GALLON SLK H ₂ O | | Avg 79.7 | 1890 | 15 Min. |
| Well Connection 5/2 | Annulus Vol. | From | To | | | HHP Used | | Annulus Pressure |
| Plug Depth | Packer Depth | From | To | Flush 5052 GALLON SLK H ₂ O | | Gas Volume | | Total Load 6650 BBL |

| | | | | | | | | |
|---|-------|----------------|-------------------------------|----------------|-------|-------------------------------------|-------|-------|
| Customer Representative CLINT SEIDEL | | | Station Manager DAVE SCOTT | | | Treater J. WESTERMAN / M. BARBER | | |
| Service Units | 19864 | 19890 19906 | 19897 19852 | 19920 19853 | 19841 | 21959 | 19869 | 20022 |
| Driver Names | | | CHADR | BROOKS | | RAUER | SCOTT | KIETH |

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|-------|-----------------|-----------------|--------------|------|---|
| 12:03 | 1914 | | 3066 | 79.7 | .5" 5/16 ON BOTTOM |
| 12:09 | 1898 | | 3510 | 79.7 | START 2200 GALLON .6" 3/16 |
| 12:10 | 1888 | | 3602 | 79.7 | .6" 3/16 ON BOTTOM |
| 12:16 | 1869 | | 4048 | 79.7 | START 2200 GALLON .7" 3/16 |
| 12:17 | 1849 | | 4140 | 79.7 | .7" 3/16 ON BOTTOM |
| 12:22 | 1813 | | 4589 | 79.8 | START 2200 GALLON .8" 3/16 |
| 12:23 | 1817 | | 4681 | 79.8 | .8" 3/16 ON BOTTOM |
| 12:24 | 1809 | | 5132 | 79.7 | START 2200 GALLON .9" 3/16 |
| 12:30 | 1825 | | 5224 | 79.7 | .9" 3/16 ON BOTTOM |
| 12:36 | 1831 | | 5677 | 79.7 | START 2000 GALLON 1" 3/16 |
| 12:37 | 1860 | | 5769 | 79.6 | 1" 3/16 ON BOTTOM |
| 12:38 | 1950 | | 5800 | 79.6 | START SWEEP |
| 12:40 | 1876 | | 6175 | 79.9 | RESIN 1" 3/16 |
| 12:45 | 1866 | | 6375 | 79.6 | START 3500 GALLON 1 1/2" 1/4 RESIN COATED |
| 12:46 | 1902 | | 6464 | 79.2 | START 2000 GALLON 2" 1/4 RESIN COATED |
| 12:47 | 1902 | | 6464 | 79.2 | 1 1/2" 20/40 RESIN ON BOTTOM |
| 12:47 | 1988 | | 6529 | 79.2 | START 5300 GALLON |
| 12:49 | 1989 | | 6556 | 79.4 | 2" 1/4 RESIN ON BOTTOM |
| 12:49 | 1004 | | 6650 | | SHOT DOWN JOBS COMPLETE |

THANK YOU PRATT FRAC CREW
JUSTIN I MARK

New Gulf Operating - Dealy #1



- Tubing - Sand Density - Slurry Rate