



1168495

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: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| | | | | | |

| | | |
|--|---|---|
| DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i> | PRODUCTION INTERVAL: _____ _____ |
|--|---|---|

| | |
|-----------|-------------------------|
| Form | ACO1 - Well Completion |
| Operator | Chieftain Oil Co., Inc. |
| Well Name | Molz 21 |
| Doc ID | 1168495 |

All Electric Logs Run

| |
|---------------------------------|
| |
| Geologist Log |
| Sonic Cement Bond Log |
| Dual Induction Log |
| Compensated Density/Neutron Log |

| | |
|-----------|-------------------------|
| Form | ACO1 - Well Completion |
| Operator | Chieftain Oil Co., Inc. |
| Well Name | Molz 21 |
| Doc ID | 1168495 |

Tops

| Name | Top | Datum |
|---------------|------|-------|
| Heebner | 3820 | -2420 |
| Kansas City | 4381 | -2981 |
| Cherokee | 4752 | -3352 |
| Mississippian | 4813 | -3413 |
| Chattanooga | 5152 | -3752 |
| Viola | 5234 | -3834 |
| Simpson | 5323 | -3923 |
| Simpson Sand | 5346 | -3946 |
| Arbuckle | 5550 | -4150 |
| Total Depth | 5611 | -4211 |



| | | |
|-----------------|---------|--------------|
| PAGE | CUST NO | INVOICE DATE |
| 1 of 1 | 1000719 | 09/20/2013 |
| INVOICE NUMBER | | |
| 1718 - 91290145 | | |

Pratt (620) 672-1201
 B CHIEFTAIN OIL COMPANY
 I PO Box: 124
 L KIOWA
 L KS US 67070
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Molz 21
 O LOCATION
 B COUNTY Barber
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T
 E JOB CONTACT

| JOB # | EQUIPMENT # | PURCHASE ORDER NO. | TERMS | DUE DATE |
|----------|-------------|--------------------|---------------|------------|
| 40642381 | 19843 | | Net - 30 days | 10/20/2013 |

| | QTY | U of M | UNIT PRICE | INVOICE AMOUNT |
|--|--------|--------|------------|----------------|
| For Service Dates: 09/19/2013 to 09/19/2013 | | | | |
| 0040642381 | | | | |
| 171809113A Cement-New Well Casing/Pi 09/19/2013 | | | | |
| Cement 13 3/8" Conductor | | | | |
| 60/40 POZ | 350.00 | EA | 9.00 | 3,150.14 T |
| Celloflake | 88.00 | EA | 2.78 | 244.21 T |
| Calcium Chloride | 903.00 | EA | 0.79 | 711.14 T |
| "Unit Mileage Chg (PU, cars one way)" | 45.00 | MI | 3.19 | 143.44 |
| Heavy Equipment Mileage | 90.00 | MI | 5.25 | 472.52 |
| "Proppant & Bulk Del. Chgs., per ton mil | 677.00 | EA | 1.20 | 812.44 |
| Depth Charge; 0-500' | 1.00 | EA | 750.03 | 750.03 |
| Blending & Mixing Service Charge | 350.00 | BAG | 1.05 | 367.52 |
| "Service Supervisor, first 8 hrs on loc. | 1.00 | EA | 131.26 | 131.26 |

SEP 25 2013
 912180

| | | | |
|---------------------------|-------------------------------|---------------|----------|
| PLEASE REMIT TO: | SEND OTHER CORRESPONDENCE TO: | SUB TOTAL | 6,782.70 |
| BASIC ENERGY SERVICES, LP | BASIC ENERGY SERVICES, LP | TAX | 293.54 |
| PO BOX 841903 | 801 CHERRY ST, STE 2100 | INVOICE TOTAL | 7,076.24 |
| DALLAS, TX 75284-1903 | FORT WORTH, TX 76102 | | |



BASIC

energy services, L.P.

TREATMENT REPORT

| | | | |
|--|----------------------------|--------------------------------------|----------------------|
| Customer <i>Chicktown Oil</i> | Lease No. | Date <i>09-19-13</i> | |
| Lease <i>m012</i> | Well # <i>21</i> | | |
| Field Order # <i>9113</i> | Station <i>PRATT KS</i> | Casing <i>13 3/8</i> | Depth <i>332'</i> |
| Type Job <i>CNDU CONDUCTOR 13 3/8</i> | Formation | County <i>BARBER</i> | State <i>KS</i> |
| | | Legal Description <i>11-35-12</i> | |

| PIPE DATA | | PERFORATING DATA | | FLUID USED | | TREATMENT RESUME | | |
|--------------------------------|--------------|------------------|----|------------|--|------------------|-------|------------------|
| Casing Size <i>13 3/8</i> | Tubing Size | Shots/Ft | | Acid | | RATE | PRESS | ISIP |
| Depth | Depth | From | To | Pre Pad | | Max | | 5 Min. |
| Volume <i>48</i> | Volume | From | To | Pad | | Min | | 10 Min. |
| Max Press <i>200</i> | Max Press | From | To | Frac | | Avg | | 15 Min. |
| Well Connection <i>SWAB</i> | Annulus Vol. | From | To | | | HHP Used | | Annulus Pressure |
| Plug Depth <i>208</i> | Packer Depth | From | To | Flush | | Gas Volume | | Total Load |

| | | |
|-------------------------|--------------------------------------|--------------------------------------|
| Customer Representative | Station Manager <i>DAVE SCOTT</i> | Treater <i>Robert [Signature]</i> |
|-------------------------|--------------------------------------|--------------------------------------|

| | | | | | | | | | |
|--------------------------------|---------------|--------------|--------------|--------------|--|--|--|--|--|
| Service Units <i>37900</i> | <i>19889</i> | <i>19843</i> | <i>70959</i> | <i>19918</i> | | | | | |
| Driver Names <i>Collins</i> | <i>Edamto</i> | <i>Phye</i> | | | | | | | |

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|-------------|-----------------|-----------------|--------------|------------|---|
| <i>9:30</i> | | | | | <i>on loc Satty medly</i> |
| | | | | | <i>Run 8 sts 13 3/8 48 csp</i> |
| <i>2:10</i> | | | | | <i>CASING ON BOTTOM</i> |
| <i>2:15</i> | | | | | <i>Hook 11y circ csp</i> |
| <i>2:20</i> | | | <i>3</i> | <i>4.5</i> | <i>AT SPICER</i> |
| | | | <i>74</i> | <i>5</i> | <i>mix cont 350 SK ^{cod} 140 p2 3% cc 1/4 c.f.</i> |
| <i>3:00</i> | <i>200</i> | | <i>48</i> | | <i>cont mixed START Disp</i> |
| | | | | | <i>plug down</i> |
| | | | | | <i>circ 10 BBL cont Pit</i> |
| | | | | | <i>JOB Complete</i> |



| | | |
|-----------------|---------|--------------|
| PAGE | CUST NO | INVOICE DATE |
| 1 of 1 | 1000719 | 10/01/2013 |
| INVOICE NUMBER | | |
| 1718 - 91300788 | | |

Pratt (620) 672-1201
 B CHIEFTAIN OIL COMPANY
 I PO Box: 124
 L KIOWA
 L KS US 67070
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Molz 21
 O LOCATION
 B COUNTY Barber
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 E JOB CONTACT

| JOB # | EQUIPMENT # | PURCHASE ORDER NO. | TERMS | DUE DATE | |
|--|-------------|--------------------|---------------|------------|----------------|
| 40646292 | 19843 | | Net - 30 days | 10/31/2013 | |
| | | QTY | U of M | UNIT PRICE | INVOICE AMOUNT |
| <i>For Service Dates: 09/30/2013 to 09/30/2013</i> | | | | | |
| 0040646292 | | | | | |
| 171808902A Cement-New Well Casing/Pi 09/30/2013 | | | | | |
| Cement 5 1/2" Longstring | | | | | |
| | | | | | |
| AA2 Cement | | 275.00 | EA | 11.90 | 3,272.34 T |
| C-41P | | 52.00 | EA | 2.80 | 145.59 T |
| Salt | | 1,364.00 | EA | 0.35 | 477.38 T |
| C-44 | | 259.00 | EA | 3.60 | 933.65 T |
| FLA-322 | | 208.00 | EA | 5.25 | 1,091.95 T |
| Mud Flush | | 500.00 | EA | 0.60 | 300.99 T |
| Super Flush II | | 500.00 | EA | 1.07 | 535.48 T |
| Gilsonite | | 1,375.00 | EA | 0.47 | 644.85 T |
| "Latch Down Plug & Baffle, 5 1/2" (Blu | | 1.00 | EA | 279.99 | 279.99 |
| "Auto Fill Float Shoe 5 1/2" (Blue)" | | 1.00 | EA | 251.99 | 251.99 |
| "Turbolizer, 5 1/2" (Blue)" | | 7.00 | EA | 77.00 | 538.98 |
| "5 1/2" Basket (Blue)" | | 2.00 | EA | 202.99 | 405.98 |
| "Unit Mileage Chg (PU, cars one way)" | | 30.00 | MI | 2.98 | 89.25 |
| Heavy Equipment Mileage | | 60.00 | MI | 4.90 | 293.99 |
| "Proppant & Bulk Del. Chgs., per ton mil | | 389.00 | EA | 1.12 | 435.66 |
| Depth Charge; 5001-6000' | | 1.00 | EA | 2,015.91 | 2,015.91 |
| Blending & Mixing Service Charge | | 275.00 | BAG | 0.98 | 269.49 |
| Plug Container Util. Chg. | | 1.00 | EA | 174.99 | 174.99 |
| "Service Supervisor, first 8 hrs on loc. | | 1.00 | EA | 122.49 | 122.49 |
| Claymax KCL Substitute | | 5.00 | EA | 24.50 | 122.49 T |

| | | | |
|---------------------------|-------------------------------|---------------|-----------|
| PLEASE REMIT TO: | SEND OTHER CORRESPONDENCE TO: | SUB TOTAL | 12,403.44 |
| BASIC ENERGY SERVICES, LP | BASIC ENERGY SERVICES, LP | TAX | 538.02 |
| PO BOX 841903 | 801 CHERRY ST, STE 2100 | INVOICE TOTAL | 12,941.46 |
| DALLAS, TX 75284-1903 | FORT WORTH, TX 76102 | | |





BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

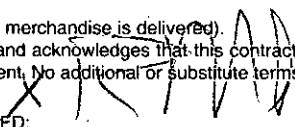
FIELD SERVICE TICKET
1718 08902 A

DATE _____ TICKET NO. _____

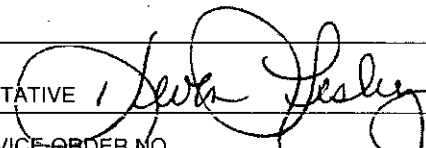

| DATE OF JOB 9-30-2013 DISTRICT _____ | | NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.: | | | | | | | |
|---|----------|--|-----|--------------------|-----|----------------------------------|----------------|--------|--------------|
| CUSTOMER CHIEFTAIN OIL CO., INC. | | LEASE MOLZ | | WELL NO. 21 | | | | | |
| ADDRESS _____ | | COUNTY BARBER | | STATE Ks. | | | | | |
| CITY _____ STATE _____ | | SERVICE CREW LESLEY, MARQUEZ, PHYE | | | | | | | |
| AUTHORIZED BY _____ | | JOB TYPE: CNW - 5 1/2" L.S. | | | | | | | |
| EQUIPMENT# | HRS | EQUIPMENT# | HRS | EQUIPMENT# | HRS | TRUCK CALLED | DATE | ARR PM | TIME |
| 37586 | 4 | | | | | | 9-29-13 | | 5:00 |
| 19889-19843 | 4 | | | | | ARRIVED AT JOB | | | 6:45 |
| 19960-21010 | 4 | | | | | START OPERATION | | | 8:30 |
| | | | | | | FINISH OPERATION | 9-30-13 | | 12:30 |
| | | | | | | RELEASED | | | 1:30 |
| | | | | | | MILES FROM STATION TO WELL _____ | | | |

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: 
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

| ITEM/PRICE REF. NO. | MATERIAL, EQUIPMENT AND SERVICES USED | UNIT | QUANTITY | UNIT PRICE | \$ AMOUNT |
|---------------------|--|------------|-------------|-------------------|------------------|
| CD 105 | AA2 CMT. | SK | 225 | | 3,825.00 |
| CD 105 | AA2 CMT. | SK | 50 | | 1,850.00 |
| CC 105 | C-4IP DEFAMER | lb | 52 | | 208.00 |
| CC 111 | SALT | lb | 1364 | | 682.00 |
| CC 115 | C-44 | lb | 259 | | 1,333.35 |
| CC 129 | FLA-322 LOW FLUID LOSS | lb | 208 | | 1,560.00 |
| CC 201 | GILSONITE | lb | 1375 | | 921.25 |
| CF 607 | LATCHDOWN PLUG & BAFFLE, 5 1/2" | EA | 1 | | 400.00 |
| CF 1251 | AUTO FILL FLOAT SHOE, 5 1/2" | EA | 1 | | 360.00 |
| CF 1651 | TURBOLIZER, 5 1/2" | EA | 7 | | 770.00 |
| CF 1901 | BASKET, 5 1/2" | EA | 2 | | 580.00 |
| C 704 | CLAYMAX, KCL SUB. | GAL | 5 | | 175.00 |
| CC 151 | MUD FLUSH | GAL | 500 | | 430.00 |
| CC 155 | SUPER FLUSH II | GAL | 500 | | 765.00 |
| E 100 | PICKUP MILEAGE | MI | 30 | | 127.50 |
| E 101 | HEAVY EQUIPMENT MILEAGE | MI | 60 | | 420.00 |
| E 113 | BULK DELIVERY | TM | 389 | | 621.60 |
| CE 206 | DEPTH CHARGE, 5001'-6000' | HR | 1-4 | | 2,880.00 |
| CE 240 | BLENDING SERVICE | SK | 275 | | 385.00 |
| CE 504 | PLUG CONTAINER CHARGE | JOB | 1 | 250.00 | |
| S CD 3 | SERVICE SUPERVISOR | EA | 1 | 175.00 | |
| | | | | 250.00 | 250.00 |
| | | | | 175.00 | 175.00 |
| | | | | 16% | |
| | | | | %TAX ON \$ | |
| | | | | %TAX ON \$ | |
| | | | | TOTAL | 12,403.44 |

| | |
|--|---|
| SERVICE REPRESENTATIVE  | THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:  |
| FIELD SERVICE ORDER NO. _____ | (WELL OWNER OPERATOR CONTRACTOR OR AGENT) |

BASIC

energy services, L.P.

TREATMENT REPORT

| | | |
|--------------------------------------|--------------------------------|-------------------------------------|
| Customer CHIEFTAIN OIL CO. | Lease No. | Date 9-30-2013 |
| Lease MOLZ | Well # 21 | |
| Field Order # 08902 | Station PRATT, KS. | Casing 5 1/2" |
| Type Job CNW - 5 1/2" L.S. | Depth | County BARBER |
| | Formation TD - 5609' | State Ks. |
| | | Legal Description 2-35-12 |

| PIPE DATA | | PERFORATING DATA | | FLUID USED | | TREATMENT RESUME | | |
|------------------------------------|--------------|------------------|--------------|--------------------------------|---|--------------------|------------------|--|
| Casing Size 5 1/2 x 15.5 | Tubing Size | Shots/Ft | CMT - | Acid 225SKS AA-2 | RATE | PRESS | ISIP | |
| Depth 5609.5' | Depth | From | To | Pre Pad @ 1.43 CU FT | Max | | 5 Min. | |
| Volume 133.4884 | Volume | From | To | Pad | Min | SJ = 42.45' | 10 Min. | |
| Max Press 1500 | Max Press | From | To | Frac | Avg | | 15 Min. | |
| Well Connection P.C. | Annulus Vol. | From | To | | HHP Used | | Annulus Pressure | |
| Plug Depth 5609.91 | Packer Depth | From | To | Flush 132.3 BBL | Gas Volume ALL H₂O | | Total Load | |

| | | |
|---|--------------------------------------|-----------------------------|
| Customer Representative R. MOLZ | Station Manager K. GORDLEY | Treater K. LESLEY |
|---|--------------------------------------|-----------------------------|

| | | | | | | | | | |
|---------------|---------------|----------------|----------------|--------------|--------------|--|--|--|--|
| Service Units | 37586 | 19889 | 19843 | 19900 | 21010 | | | | |
| Driver Names | LESLEY | MARQUEZ | PIERSON | | | | | | |

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|----------|-----------------|-----------------|--------------|------|---|
| 6:45 PM | | | | | ON LOCATION - SAFETY MEETING |
| 8:30 PM | | | | | RUN 133 JTS. 5 1/2" x 15.5# CSG. |
| | | | | | TURBO. - 5, 6, 10, 17, 18, 19, 20 |
| | | | | | BASKET - 2, 13 |
| | | | | | CIRC. 1/2 WAY IN |
| 10:35 PM | | | | | CSG. ON BOTTOM |
| 10:47 PM | | | | | HOOK UP TO CSG. / BREAK CIRC. w/ RIG |
| 11:47 PM | 500 | | 12 | 6 | MUD FLUSH |
| 11:49 PM | 500 | | 5 | 6 | H ₂ O SPACER |
| 11:50 PM | 500 | | 12 | 6 | SUPER FLUSH |
| 11:53 PM | 500 | | 5 | 6 | H ₂ O SPACER |
| 11:54 PM | 200 | | 57 | 6 | MIX 225 SKS. AA-2 @ 15.0 PPG |
| 12:00 AM | | | | | CLEAR PUMP & LINE / DROP L.D. PLUG |
| 12:06 AM | 0 | | 0 | 6 | START DISPLACEMENT / 29% KCL H ₂ O |
| 12:21 AM | 300 | | 95 | 5 | LIFT PRESSURE |
| 12:25 AM | 800 | | 120 | 3 | SLOW RATE |
| 12:30 AM | 1500 | | 132.3 | 2 | PLUG DOWN - HELD |
| | | | | | CIRC. THRU JOB |
| | | | 6.4 | 2 | PLUG R.H. & M.H. |

JOB COMPLETE,
THANKS -
KEVEN LESLEY



DRILL STEM TEST REPORT

Prepared For: **Chieftain Oil Co.Inc.**

PO Box 124
Kiowa KS 67070

ATTN: Arden Ratzlaff

Molz #21

11-35s-12w Barber KS

Start Date: 2013.09.25 @ 13:04:30

End Date: 2013.09.25 @ 21:53:15

Job Ticket #: 53537 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.10.01 @ 09:54:59



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Chieftain Oil Co. Inc.

11-35s-12w Barber KS

PO Box 124
Kiowa KS 67070

Molz #21

Job Ticket: 53537

DST#: 1

ATTN: Arden Ratzlaff

Test Start: 2013.09.25 @ 13:04:30

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:12:45

Time Test Ended: 21:53:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 56

Interval: 4825.00 ft (KB) To 4845.00 ft (KB) (TVD)

Reference Elevations: 1400.00 ft (KB)

Total Depth: 4845.00 ft (KB) (TVD)

1387.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 13.00 ft

Serial #: 8352 Inside

Press @ Run Depth: 164.45 psig @ 4826.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.09.25 End Date: 2013.09.25

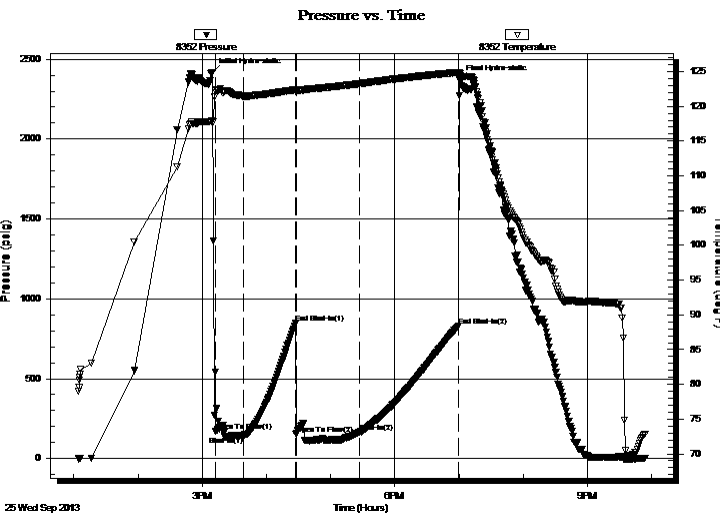
Last Calib.: 2013.09.25

Start Time: 13:04:35 End Time: 21:53:15

Time On Btm: 2013.09.25 @ 15:09:15

Time Off Btm: 2013.09.25 @ 19:00:30

TEST COMMENT: IF: Weak blow . 1/2 - 1 1/2".
IS: No blow .
FF: Weak blow . 1/2 - 2 1/2".
FS: No blow .



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2417.07 | 117.94 | Initial Hydro-static |
| 4 | 172.86 | 122.20 | Open To Flow (1) |
| 30 | 142.50 | 121.43 | Shut-In(1) |
| 79 | 846.67 | 122.36 | End Shut-In(1) |
| 79 | 150.33 | 122.04 | Open To Flow (2) |
| 138 | 164.45 | 123.24 | Shut-In(2) |
| 231 | 829.49 | 124.87 | End Shut-In(2) |
| 232 | 2372.92 | 124.65 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------------------|--------------|
| 95.00 | Drig. mud | 0.47 |
| 60.00 | GM w/oil specs 13%g 87%m | 0.30 |
| 0.00 | Clean oil @ top of tool | 0.00 |
| | | |
| | | |

Gas Rates

| Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|----------------|-----------------|------------------|
| | | |



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Chieftain Oil Co.Inc.

11-35s-12w Barber KS

PO Box 124
Kiowa KS 67070

Molz #21

Job Ticket: 53537

DST#: 1

ATTN: Arden Ratzlaff

Test Start: 2013.09.25 @ 13:04:30

Tool Information

| | | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------|-------------|
| Drill Pipe: | Length: 4657.00 ft | Diameter: 3.80 inches | Volume: 65.33 bbl | Tool Weight: | 2400.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: | 29000.00 lb |
| Drill Collar: | Length: 180.00 ft | Diameter: 2.25 inches | Volume: 0.89 bbl | Weight to Pull Loose: | 93000.00 lb |
| | | | <u>Total Volume: 66.22 bbl</u> | Tool Chased | 16.00 ft |
| Drill Pipe Above KB: | 35.00 ft | | | String Weight: Initial | 72000.00 lb |
| Depth to Top Packer: | 4825.00 ft | | | Final | 73000.00 lb |
| Depth to Bottom Packer: | ft | | | | |
| Interval between Packers: | 20.00 ft | | | | |
| Tool Length: | 43.00 ft | | | | |
| Number of Packers: | 2 | Diameter: | 6.75 inches | | |
| Tool Comments: | | | | | |

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|----------------|
|------------------|-------------|------------|----------|------------|----------------|

| | | | | | |
|--------------|-------|------|---------|---------|-------------------------------|
| C.O. Sub | 1.00 | | | 4803.00 | |
| Shut in tool | 5.00 | | | 4808.00 | |
| HMV | 5.00 | | | 4813.00 | |
| Safety Joint | 3.00 | | | 4816.00 | |
| Packer | 4.00 | | | 4820.00 | 23.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 4825.00 | |
| Stubb | 1.00 | | | 4826.00 | |
| Recorder | 0.00 | 8352 | Inside | 4826.00 | |
| Recorder | 0.00 | 8370 | Outside | 4826.00 | |
| Perforations | 14.00 | | | 4840.00 | |
| Bullnose | 5.00 | | | 4845.00 | 20.00 Bottom Packers & Anchor |

Total Tool Length: 43.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Chieftain Oil Co.Inc.

11-35s-12w Barber KS

PO Box 124
Kiowa KS 67070

Molz #21

Job Ticket: 53537

DST#: 1

ATTN: Arden Ratzlaff

Test Start: 2013.09.25 @ 13:04:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

4600 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4600.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|--------------------------|----------------|
| 95.00 | Drig.mud | 0.467 |
| 60.00 | GM w/oil specs 13%g 87%m | 0.295 |
| 0.00 | Clean oil @ top of tool | 0.000 |

Total Length: 155.00 ft

Total Volume: 0.762 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

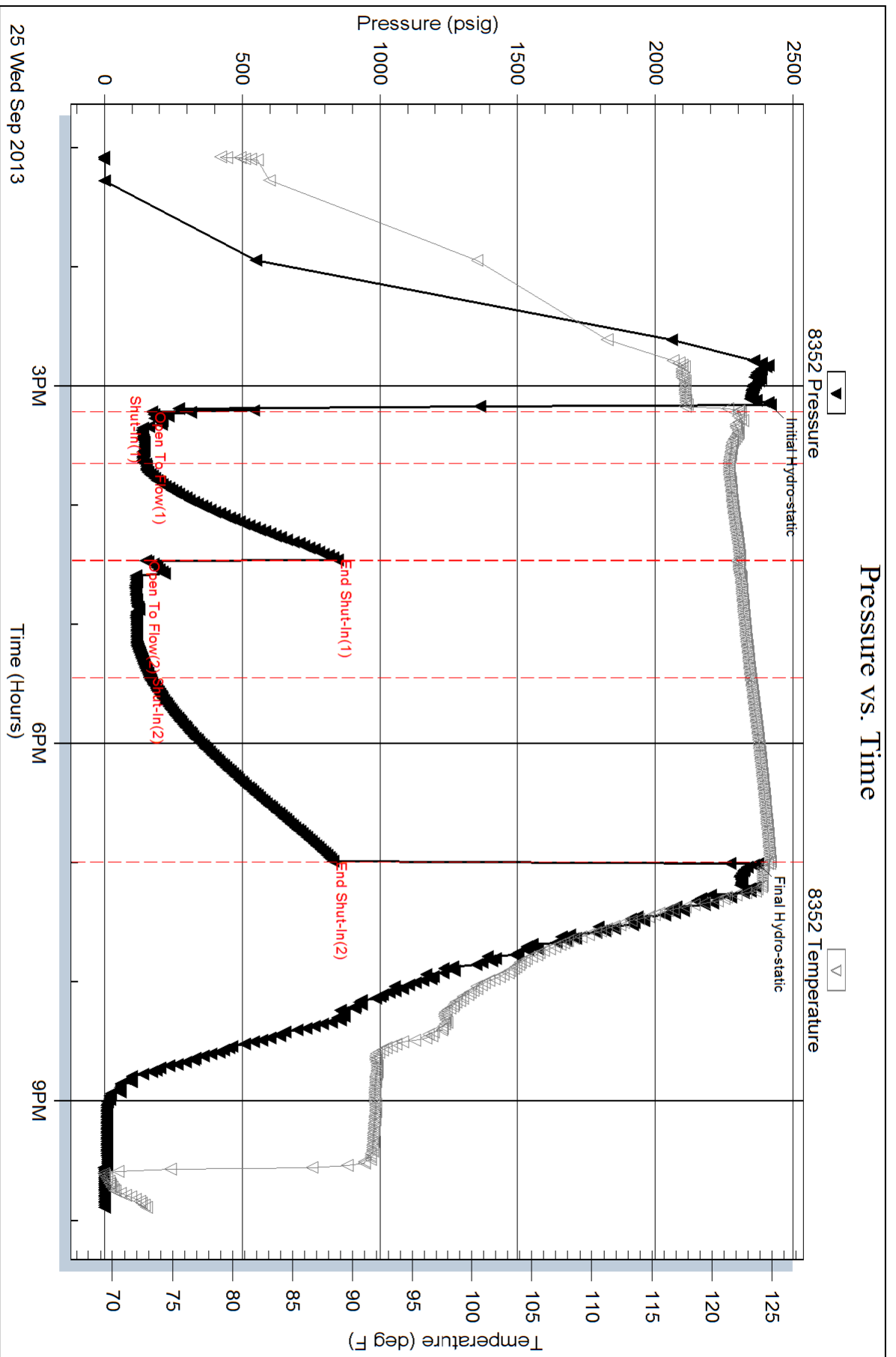
Serial #: 8352

Inside

Chieftain Oil Co. Inc.

Molz #21

DST Test Number: 1



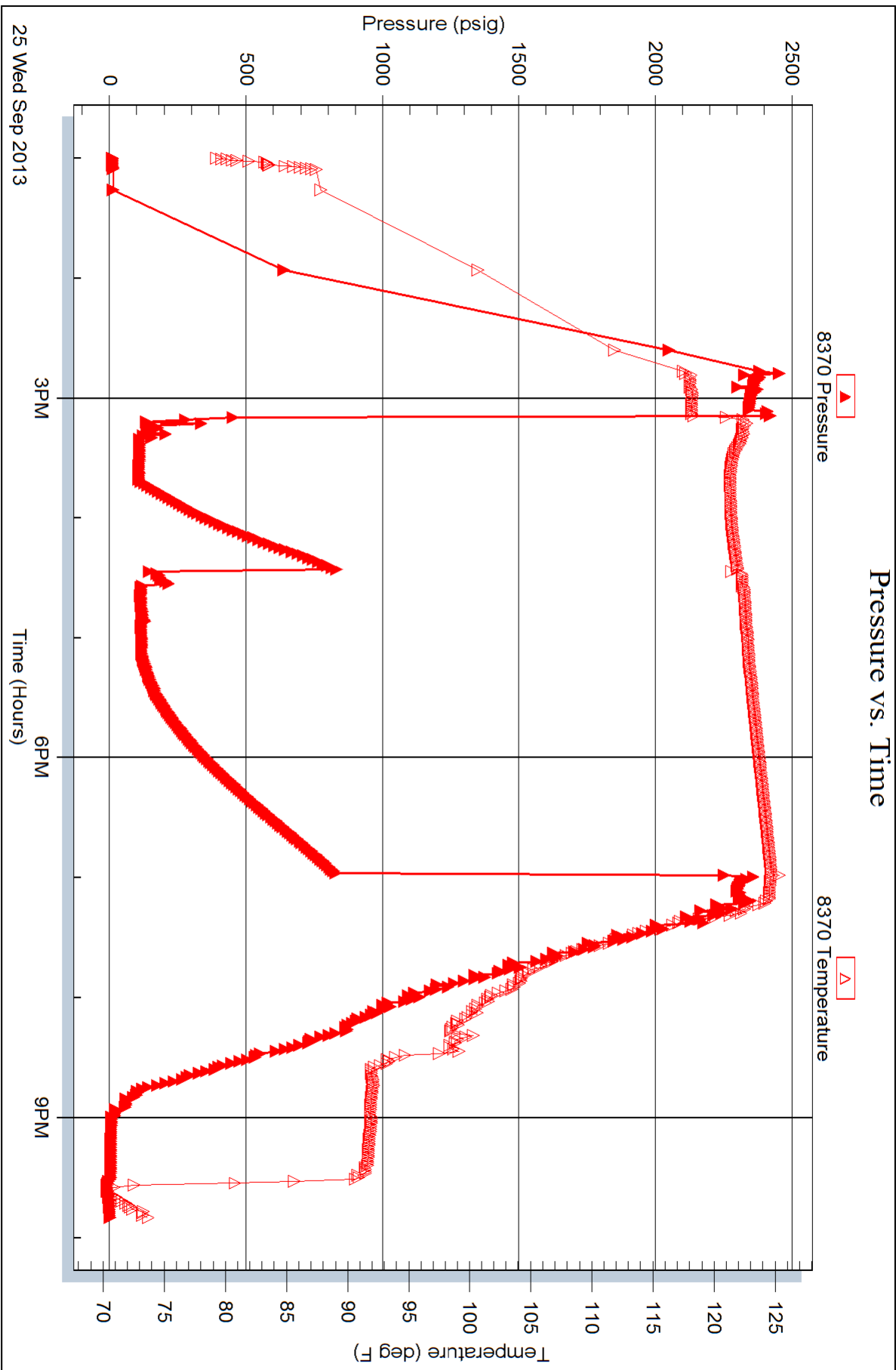
Serial #: 8370

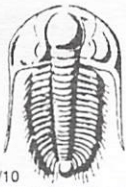
Outside

Chieftain Oil Co. Inc.

Molz #21

DST Test Number: 1





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 52357

Well Name & No. Molz # 21 Test No. 1 Date 9-25-13
 Company CHIEFTAIN OIL Co. Inc. Elevation 1400' KB 1387 GL
 Address 101 S. 5TH ST. P.O. Box 124, Kiowa KS. 67070
 Co. Rep / Geo. ARDEN RATZLAFF Rig Fossil DRUG, # 3
 Location: Sec. 11 Twp. 35S Rge. 12W Co. BARBER State Ks

Interval Tested 4825 - 4845' Zone Tested Miss.
 Anchor Length 20' Drill Pipe Run 4657' Mud Wt. 9.3
 Top Packer Depth 4820' Drill Collars Run 180' Vis 60
 Bottom Packer Depth 4825' Wt. Pipe Run 0 WL 7.8 cc
 Total Depth 4845' Chlorides 4600 ppm System LCM 3 #
 Blow Description IF: Weak blow. 1/2 - 1 1/2". ISI: No blow.

FF: Weak blow. 1/2 - 2 1/2". FSI: No blow. COMMENT: 20-25 ft. of hard fill on btm. Slid tool approx. 16 ft.

| Rec | Feet of | %gas | %oil | %water | %mud |
|-----------|--------------------------------|-----------|------|--------|-----------|
| <u>95</u> | <u>Dry mud</u> | | | | |
| <u>60</u> | <u>GM w/oil specs.</u> | <u>13</u> | | | <u>87</u> |
| | <u>Clear oil @ top of tool</u> | | | | |
| | | | | | |
| | | | | | |

Rec Total 155 Fluid BHT 119° Gravity N/A API RW N.C. @ 2 °F Chlorides 4600 ppm
 (A) Initial Hydrostatic 2417 Test 1250 T-On Location 1210
 (B) First Initial Flow 173 Jars _____ T-Started 1304
 (C) First Final Flow 143 Safety Joint 75 T-Open 1512
 (D) Initial Shut-In 847 Circ Sub _____ T-Pulled 1858
 (E) Second Initial Flow 150 Hourly Standby _____ T-Out 2153
 (F) Second Final Flow 164 Mileage 102 158.10 Comments Charts show some plugging during both flow periods.
 (G) Final Shut-In 829 Sampler _____ Ruined Shale Packer _____
 (H) Final Hydrostatic 2373 Straddle _____ Ruined Packer _____
 Initial Open 30 Shale Packer _____ Extra Copies _____
 Initial Shut-In 45 Extra Packer _____ Sub Total 0
 Final Flow 60 Extra Recorder _____ Total 1483.10
 Final Shut-In 90 Day Standby _____ MP/DST Disc't _____
 Accessibility _____
 Sub Total 1483.10

Approved By Arden Ratzlaff Our Representative Gary Perotians
 Trilobite Testing Inc. shall not be liable for damaged or any kind of 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 statements or opinion concerning the results 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.

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

November 22, 2013

Ron Molz
Chieftain Oil Co., Inc.
101 S. 5TH ST.
PO BOX 124
KIOWA, KS 67070-1912

Re: ACO1
API 15-007-24057-00-00
Molz 21
NE/4 Sec.11-35S-12W
Barber 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,
Ron Molz