

Kansas Corporation Commission Oil & Gas Conservation Division

1155897

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 # | API No. 15 |
|--|---|
| Name: | Spot Description: |
| Address 1: | SecTwpS. R 🗌 East 🗌 West |
| Address 2: | Feet from North / South Line of Section |
| City: | Feet from East / West Line of Section |
| Contact Person: | Footages Calculated from Nearest Outside Section Corner: |
| Phone: () | □NE □NW □SE □SW |
| CONTRACTOR: License # | County: |
| Name: | Lease Name: Well #: |
| Wellsite Geologist: | Field Name: |
| Purchaser: | Producing Formation: |
| Designate Type of Completion: | Elevation: Ground: Kelly Bushing: |
| New Well Re-Entry Workover | Total Depth: Plug Back Total Depth: |
| Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.): | 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: sx cmt. |
| If Workover/Re-entry: Old Well Info as follows: | |
| Operator: Well Name: | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) |
| Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW | Chloride content: ppm Fluid volume: bbls Dewatering method used: |
| Plug Back: Plug Back Total Depth | Location of fluid disposal if hauled offsite: |
| Commingled Permit #: Dual Completion Permit #: SWD Permit #: | Operator Name: |
| ☐ ENHR Permit #: ☐ GSW Permit #: | County: Permit #: |
| Spud Date or Date Reached TD Completion Date or Recompletion Date | |

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 I II Approved by: Date: | | | |

Side Two



| Operator Name: | | | Lease Name: _ | | | Well #: | |
|--|--|--|----------------------|---------------------|---|------------------|-------------------------------|
| Sec Twp | S. R | East West | County: | | | | |
| time tool open and clo | osed, flowing and shu es if gas to surface te | d base of formations pen t-in pressures, whether s st, along with final chart(s well site report. | hut-in pressure read | ched static level, | hydrostatic press | ures, bottom h | ole temperature, fluid |
| Drill Stem Tests Taker (Attach Additional | | Yes No | | og Formation | n (Top), Depth an | d Datum | Sample |
| Samples Sent to Geo | logical Survey | ☐ Yes ☐ No | Nam | е | | Тор | Datum |
| Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy | d Electronically | Yes No Yes No Yes No | | | | | |
| List All E. Logs Run: | | | | | | | |
| | | Report all strings set- | | ermediate, producti | | T 2 . | |
| 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 / SQL | JEEZE RECORD | I | | |
| Purpose: —— Perforate —— Protect Casing —— Plug Back TD | Depth Top Bottom | Type of Cement | # Sacks Used | | Type and P | ercent Additives | |
| Plug Off Zone | | | | | | | |
| Shots Per Foot | | DN RECORD - Bridge Plug Footage of Each Interval Perf | | | cture, Shot, Cement mount and Kind of Ma | | d Depth |
| | | | | | | | |
| | | | | | | | |
| | <u> </u> | | | | | | |
| TUBING RECORD: | Size: | Set At: | Packer At: | Liner Run: | Yes No | | |
| Date of First, Resumed | Production, SWD or EN | HR. Producing Meth | | Gas Lift C | other (Explain) | | |
| Estimated Production Per 24 Hours | Oil I | Bbls. Gas | Mcf Wat | er Bl | ols. G | Sas-Oil Ratio | Gravity |
| DISPOSITI | ON OF GAS: | N | METHOD OF COMPLE | ETION: | | PRODUCTIO | ON INTERVAL: |
| Vented Solo | Used on Lease | Open Hole | Perf. Dually | | nmingled mit ACO-4) | | |
| (If vented, Su | bmit ACO-18.) | Other (Specify) | (Odbillit) | , (Gubi | | | |



Culbreath oil 32 9s 10w Graham Ks.

1532 S. Peoria Ave. Tulsa O.K. 74120 KU

KUHN#1-32

Job Ticket: 52702 **DST#:1**

ATTN: Pat Denihan Test Start: 2013.07.04 @ 07:10:00

GENERAL INFORMATION:

Formation: Tor.-LKC-A

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 09:38:00 Tester: Chuck Kreutzer Jr.

Time Test Ended: 15:07:30 Unit No:

Interval: 3803.00 ft (KB) To 3848.00 ft (KB) (TVD) Reference Elevations: 2581.00 ft (KB)

Total Depth: 3848.00 ft (KB) (TVD) 2571.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 10.00 ft

Serial #: 8791 Inside

Press@RunDepth: 296.13 psig @ 3804.00 ft (KB) Capacity: 8000.00 psig

 Start Date:
 2013.07.04
 End Date:
 2013.07.04
 Last Calib.:
 2013.07.04

 Start Time:
 07:10:01
 End Time:
 15:07:30
 Time On Btm:
 2013.07.04 @ 09:37:00

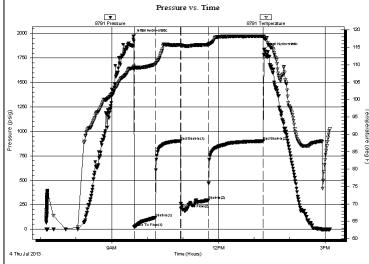
Time Off Btm: 2013.07.04 @ 13:17:00

TEST COMMENT: IF: Weak blow, Built to 4 in. over 30 mins.

ISI: No blow back.

FF: Weak blow, Built to 6 in. over 45 mins.

FF: No blow back.



| | PRESSURE SUMMARY | | | | | |
|---------------------|------------------|----------|---------|----------------------|--|--|
| Ī | Time | Pressure | Temp | Annotation | | |
| | (Min.) | (psig) | (deg F) | | | |
| | 0 | 1972.49 | 109.28 | Initial Hydro-static | | |
| | 1 | 20.07 | 109.02 | Open To Flow (1) | | |
| | 37 | 119.00 | 110.14 | Shut-In(1) | | |
| 4 | 79 | 902.71 | 115.73 | End Shut-In(1) | | |
| empe | 80 | 210.14 | 115.46 | Open To Flow (2) | | |
| Temperature (deg F; | 126 | 296.13 | 115.82 | Shut-In(2) | | |
| (deg | 218 | 900.64 | 118.21 | End Shut-In(2) | | |
| J | 220 | 1831.43 | 117.61 | Final Hydro-static | | |
| | | | | | | |
| | | | | | | |
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| | | | | | | |
| | | | | | | |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------|--------------|
| 350.00 | mcw -10%m90%w | 3.36 |
| | | |
| | | |
| | | |
| | | |
| | | |

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

Trilobite Testing, Inc Ref. No: 52702 Printed: 2013.07.04 @ 23:10:26



FLUID SUMMARY

Culbreath oil

32 9s 10w Graham Ks.

1532 S. Peoria Ave. Tulsa O.K. 74120

KUHN#1-32

Job Ticket: 52702

Serial #:

DST#:1

ATTN: Pat Denihan

Test Start: 2013.07.04 @ 07:10:00

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil A Pl:deg A PlMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Viscosity: 44.00 sec/qt Cushion Volume: bbl

Water Loss: 8.79 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 1000.00 ppm Filter Cake: 2.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|---------------|---------------|
| 350.00 | mcw -10%m90%w | 3.361 |

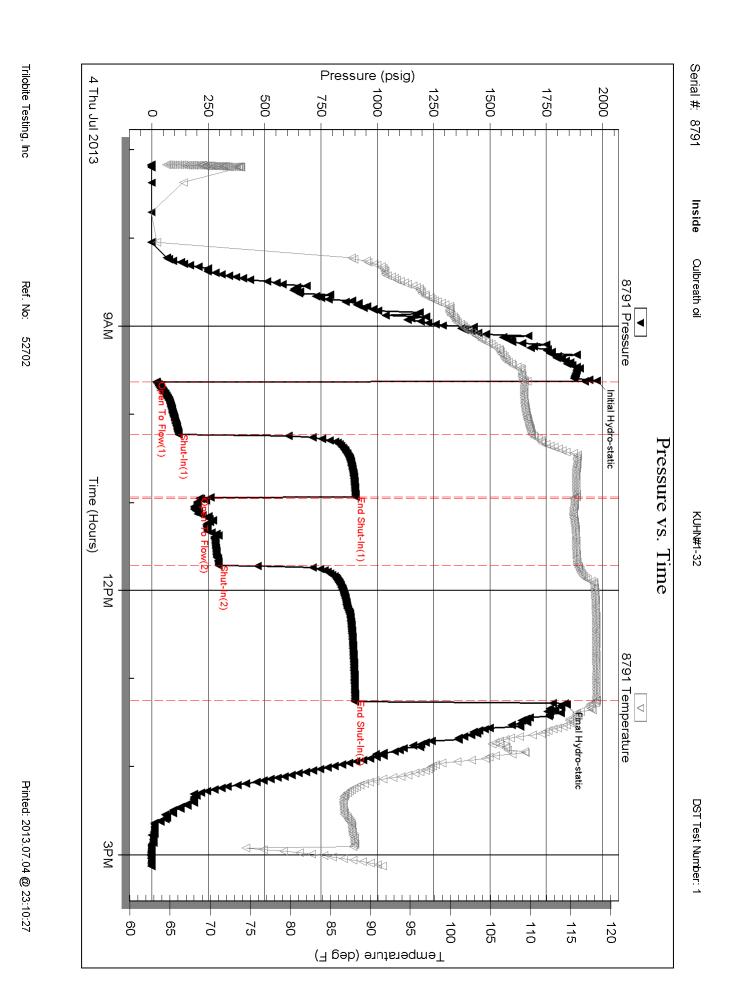
Total Length: 350.00 ft Total Volume: 3.361 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 52702 Printed: 2013.07.04 @ 23:10:27





Culbreath oil 32 9s 10w Graham Ks.

1532 S. Peoria Ave. Tulsa O.K. 74120

KUHN#1-32

Job Ticket: 52704 **DST#: 3**

ATTN: Pat Denihan Test Start: 2013.07.06 @ 01:35:00

GENERAL INFORMATION:

Formation: LKC-H,I

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 03:30:30 Tester: Chuck Kreutzer Jr.

Time Test Ended: 09:24:30 Unit No:

Interval: 3954.00 ft (KB) To 4014.00 ft (KB) (TVD) Reference Elevations: 2581.00 ft (KB)

Total Depth: 4014.00 ft (KB) (TVD) 2571.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 10.00 ft

Serial #: 8791 Inside

Press@RunDepth: 56.76 psig @ 3955.00 ft (KB) Capacity: 8000.00 psig

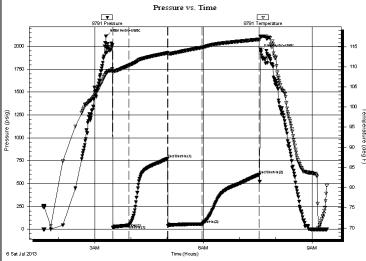
 Start Date:
 2013.07.06
 End Date:
 2013.07.06
 Last Calib.:
 2013.07.06

 Start Time:
 01:35:01
 End Time:
 09:24:30
 Time On Btm:
 2013.07.06 @ 03:19:00

Time Off Btm: 2013.07.06 @ 07:35:00

TEST COMMENT: IF: Weak blow, built to 7 in. over 30 mins.

ISI: No blow back over 60 mins. FF:Fair b.low, Built to B.O.B in 40 mins. FSI: No blow back over 90 mins.



| | PRESSURE SUMMARY | | | | | |
|---------------------|------------------|----------|---------|----------------------|--|--|
| | Time | Pressure | Temp | Annotation | | |
| | (Min.) | (psig) | (deg F) | | | |
| | 0 | 2111.26 | 108.34 | Initial Hydro-static | | |
| | 12 | 19.29 | 108.48 | Open To Flow (1) | | |
| | 38 | 43.10 | 110.30 | Shut-In(1) | | |
| Т | 102 | 771.50 | 113.40 | End Shut-In(1) | | |
| Temperature (deg F) | 103 | 36.16 | 113.19 | Open To Flow (2) | | |
| rature | 159 | 56.76 | 114.74 | Shut-In(2) | | |
| (deg | 254 | 598.72 | 116.77 | End Shut-In(2) | | |
| Э | 256 | 1943.09 | 117.50 | Final Hydro-static | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
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| | | | | | | |
| | | | | | | |

DDECCLIDE CLIMANA DV

Recovery

| Length (ft) | Description | Volume (bbl) |
|----------------------|-------------------------|--------------|
| 0.00 | 248 Ft. of gas in pipe | 0.00 |
| 57.00 | gocm-10%g40%o50%m | 0.28 |
| 57.00 | 57.00 gmco-30%g20%m50%o | |
| | | |
| | | |
| | | |
| * Recovery from mult | tiple tests | |

| Gas Rat | es | |
|----------------|-----------------|------------------|
| Choke (inches) | Pressure (nsig) | Gas Rate (Mcf/d) |

Trilobite Testing, Inc Ref. No: 52704 Printed: 2013.07.06 @ 16:08:34



Culbreath oil 32 9s 10w Graham Ks.

1532 S. Peoria Ave. Tulsa O.K. 74120 **KUHN#1-32**

Job Ticket: 52704 DST#: 3

ATTN: Pat Denihan Test Start: 2013.07.06 @ 01:35:00

GENERAL INFORMATION:

Formation: LKC-H,I

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 03:30:30 Tester: Chuck Kreutzer Jr.

Time Test Ended: 09:24:30 Unit No: 6

Interval: 3954.00 ft (KB) To 4014.00 ft (KB) (TVD) Reference Elevations: 2581.00 ft (KB)

Total Depth: 4014.00 ft (KB) (TVD) 2571.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 10.00 ft

Serial #: 8651 Outside

 Press@RunDepth:
 psig
 @ 3955.00 ft (KB)
 Capacity:
 8000.00 psig

Time

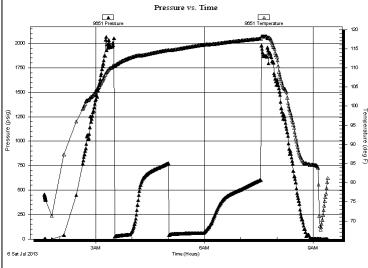
Pressure

Start Date: 2013.07.06 End Date: 2013.07.06 Last Calib.: 2013.07.06

Start Time: 01:34:45 End Time: 09:24:14 Time On Btm: Time Off Btm:

TEST COMMENT: IF: Weak blow, built to 7 in. over 30 mins.

ISI: No blow back over 60 mins. FF:Fair b.low, Built to B.O.B in 40 mins. FSI: No blow back over 90 mins.



| | (IVIIn.) | (psig) | (deg F) | |
|---------------------|----------|--------|---------|--|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| den | | | | |
| pera | | | | |
| Temperature (deg F) | | | | |
| (deg | | | | |
| J | | | | |
| | | | | |
| | | | | |
| | | | | |

PRESSURE SUMMARY

Temp

Annotation

Recovery

| Length (ft) | Description | Volume (bbl) |
|----------------------|-------------------------|--------------|
| 0.00 | 248 Ft. of gas in pipe | 0.00 |
| 57.00 | gocm-10%g40%o50%m | 0.28 |
| 57.00 | 57.00 gmco-30%g20%m50%o | |
| | | |
| | | |
| | | |
| * Recovery from mult | tiple tests | |

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

Trilobite Testing, Inc Ref. No: 52704 Printed: 2013.07.06 @ 16:08:34



FLUID SUMMARY

Culbreath oil

32 9s 10w Graham Ks.

1532 S. Peoria Ave. Tulsa O.K. 74120

KUHN#1-32

Job Ticket: 52704

DST#:3

ATTN: Pat Denihan

Test Start: 2013.07.06 @ 01:35:00

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil A Pl:deg A PlMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Viscosity: 44.00 sec/qt Cushion Volume: bbl

Water Loss: 9.59 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 1000.00 ppm Filter Cake: 2.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|------------------------|---------------|
| 0.00 | 248 Ft. of gas in pipe | 0.000 |
| 57.00 | gocm-10%g40%o50%m | 0.280 |
| 57.00 | gmco-30%g20%m50%o | 0.280 |

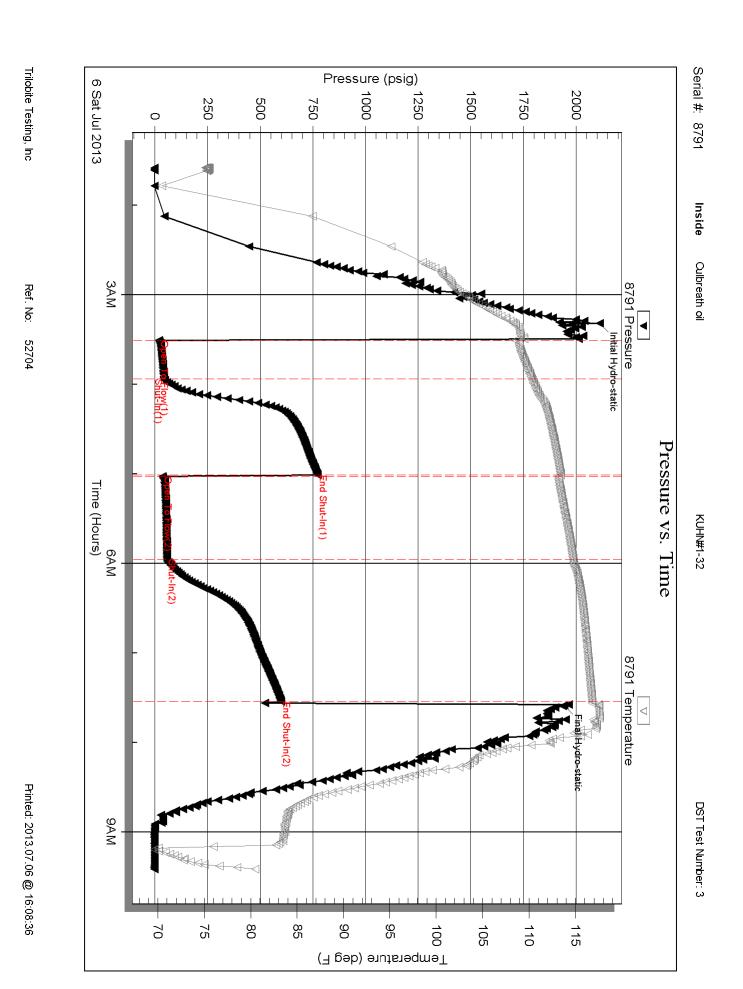
Total Length: 114.00 ft Total Volume: 0.560 bbl

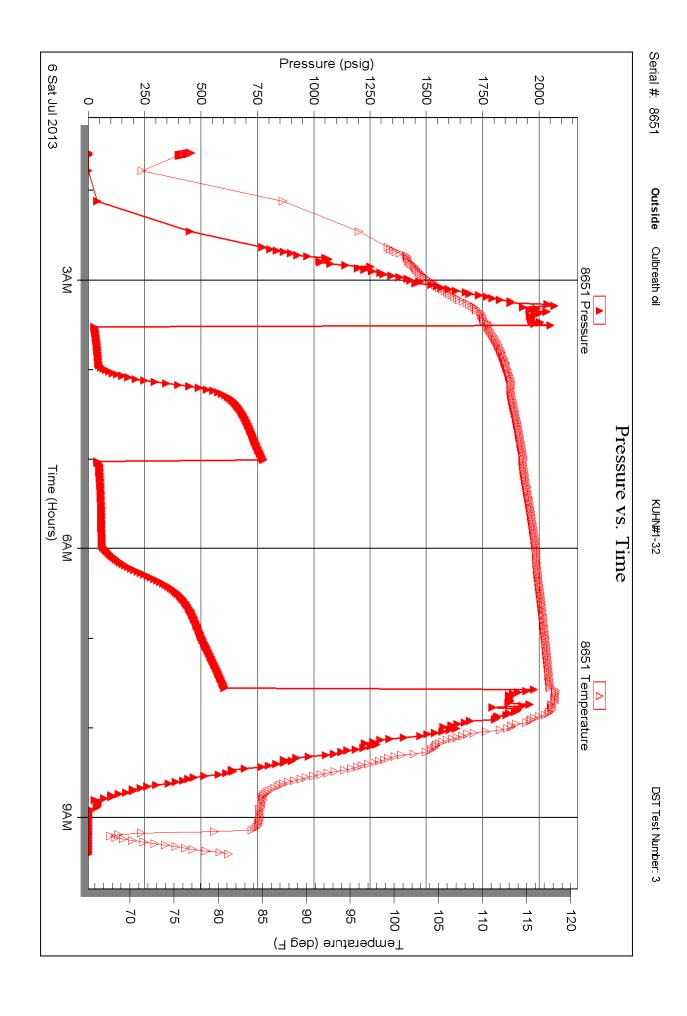
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 52704 Printed: 2013.07.06 @ 16:08:35





Trilobite Testing, Inc

Ref. No:

52704

Printed: 2013.07.06 @ 16:08:36



Culbreath oil 32 9s 10w Graham Ks.

1532 S. Peoria Ave. Tulsa O.K. 74120 KUHN#1-32

Job Ticket: 52705 **DST#: 4**

ATTN: Pat Denihan Test Start: 2013.07.06 @ 18:40:00

GENERAL INFORMATION:

Formation: LKC-J&K

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 21:17:00 Tester: Chuck Kreutzer Jr.

Time Test Ended: 01:40:00 Unit No: 6

Interval: 4013.00 ft (KB) To 4060.00 ft (KB) (TVD) Reference Elevations: 2581.00 ft (KB)

Total Depth: 3848.00 ft (KB) (TVD) 2571.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 10.00 ft

Serial #: 8791 Inside

Press@RunDepth: 30.76 psig @ 4014.00 ft (KB) Capacity: 8000.00 psig

 Start Date:
 2013.07.06
 End Date:
 2013.07.07
 Last Calib.:
 2013.07.07

 Start Time:
 18:40:01
 End Time:
 01:40:00
 Time On Btm:
 2013.07.06 @ 21:12:30

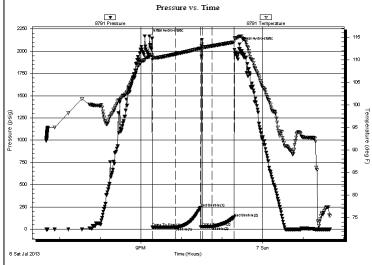
Time Off Btm: 2013.07.06 @ 23:26:00

TEST COMMENT: IF: Weak blow , Dead in 5 mins.

ISI: No blow back over 30 mins.

FF: No blow, Flushed tool, Weak blow Dead in 5 secs.

FSI: No blow back over 30 mins.



| Ī | Time | Pressure | Temp | Annotation |
|-------------|--------|----------|---------|----------------------|
| | (Min.) | (psig) | (deg F) | |
| | 0 | 2167.76 | 110.72 | Initial Hydro-static |
| | 5 | 21.10 | 110.05 | Open To Flow (1) |
| | 39 | 23.45 | 111.29 | Shut-In(1) |
| , | 76 | 242.46 | 112.56 | End Shut-In(1) |
| Temperature | 79 | 27.95 | 112.34 | Open To Flow (2) |
| rature | 93 | 30.76 | 113.09 | Shut-In(2) |
| neh) | 125 | 133.41 | 113.94 | End Shut-In(2) |
| פ | 134 | 2078.54 | 115.23 | Final Hydro-static |
| | | | | • |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

PRESSURE SUMMARY

Recovery

| Length (ft) | Description | Volume (bbl) |
|---------------------|-------------|--------------|
| 10.00 | mud-100%m | 0.05 |
| | | |
| | | |
| | | |
| | | |
| | | |
| * Recovery from mul | tiple tests | |

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

Trilobite Testing, Inc Ref. No: 52705 Printed: 2013.07.07 @ 07:04:31



FLUID SUMMARY

Culbreath oil

32 9s 10w Graham Ks.

1532 S. Peoria Ave. Tulsa O.K. 74120

KUHN#1-32

Job Ticket: 52705

Serial #:

DST#: 4

ATTN: Pat Denihan

Test Start: 2013.07.06 @ 18:40:00

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil A Pl:deg A PlMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Mud Weight: 9.00 lb/gal Cushion Length: ft
Viscosity: 44.00 sec/qt Cushion Volume: bbl

Water Loss: 9.59 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 1000.00 ppm Filter Cake: 2.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 10.00 | mud-100%m | 0.049 |

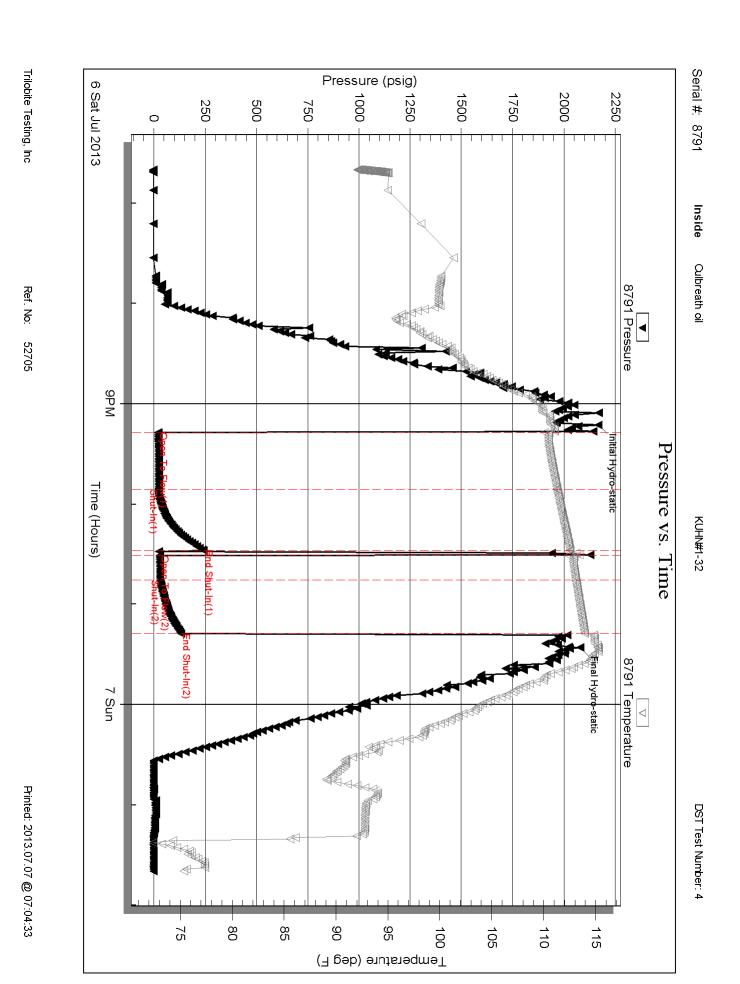
Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 52705 Printed: 2013.07.07 @ 07:04:32



Global Cementing LLC dba SOS LLC

18048 I-70 Road Russell, KS 67665

Invoice

| Date | Invoice # |
|-----------|-----------|
| 6/29/2013 | 1057 |

Bill To

CULBREATH OIL & GAS CO INC 1532 S PEORIA AVE TULSA,OK 74120

| P.O. No. | Terms | Project |
|-----------|--------|---------|
| KUHN 1-32 | Net 30 | |

| Quantity | Description | Rate | | Amount |
|-----------------|---|-----------|--------|-----------|
| 165 | COMMON | | 15.50 | 2,557.50T |
| 6 | | | 53.00 | 318.00T |
| 3 | | | 23.50 | 70.50T |
| 174 | HANDLING | | 2.10 | 365.4 |
| | BULK MILEAGE | 2 | 268.00 | 268.0 |
| 1 | TRI-PLEX PUMP CHARGE FOR SURFACE | 1,0 | 050.00 | 1,050. |
| | PUMP TRUCK MILEAGE | | 6.50 | 182. |
| 28 | PICKUP | | 2.50 | 70.0 |
| | DISCOUNT IF PAID WITHIN 30 DAYS OF INVOICE. | | 768.90 | -768. |
| | SHERIDAN CO | 8 | .30% | 244 |
| | | | | |
| | | | | |
| | | | | |
| se remit to abo | ove address. | Total | | \$4,357.0 |

 Phone #
 Fax #
 E-mail

 785-324-2658
 785-445-3526
 globalcementingllc@gmail.com

Total

\$4,357.02

SCHIPPER'S OIL FIELD SERVICES, L.L.C.

1057

__ IF PAID IN 30 DAYS

REMIT TO 18048 170RD SERVICE POINT: RUSSELL RUSSELL, KS 67665 CALLED OUT RANGE ON LOCATION JOB START JOB FINISH DATE 0 COUNTY STATE WELL#. LOCATION LEASE OLD OR NEW (CIRCLE ONE) CONTRACTOR OWNER TYPE OF JOB HOLE SIZE CEMENT CASING SIZE DEPTH 22 AMOUNT ORDERED TUBING SIZE DEPTH DRILL PIPE DEPTH TOOL DEPTH PRES. MAX MINIMUM COMMON MEAS. LINE SHOE JOINT POZMIX @_ CEMENT LEFT IN CSG. GEL (a) PERFS CHLORIDE _ (a) DISPLACEMENT ASC___ (a) **EQUIPMENT** @ (a) **PUMP TRUCK** CEMENTER @ # 17 HELPER @ **BULK TRUCK** @ # R1 @ **BULK TRUCK** (a) DRIVER @ HANDLING_ @ MILEAGE TOTAL REMARKS: SERVICE DEPTH OF JOB_ PUMP TRUCK CHARGE. EXTRA FOOTAGE_ MILEAGE _ (a) MANIFOLD-(a) (a) (a) CHARGE TO: _ TOTAL -STREET ___ STATE — PLUG & FLOAT EQUIPMENT Schippers Oil Field Services, L.L.C., You are hereby requested to rent cementing equipment and (a) furnish cementer and helper(s) to assist owner or contractor to @ do work as is listed. The above work was done to satisfaction @ and supervision of owner agent or contractor. I have read and @ understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side. TOTAL _

SALES TAX (If Any)___
TOTAL CHARGES ____

DISCOUNT

PRINTED NAME A PARTY OF THE

SIGNATURE __