WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

| Operator: License # | API No. 15 - 133-26694-00-00 |
|--|---|
| Name: Quest Cherokee, LLC | County: Neosho |
| Address: 211 W. 14th Street | <u>ne</u> - ne Sec. 21 Twp. 30 S. R. 19 🗸 East 🗌 West |
| City/State/Zip: Chanute, KS 66720 | 660 feet from S / (N)(circle one) Line of Section |
| Purchaser: Bluestem Pipeline, LLC | 660 feet from E W (circle one) Line of Section |
| Operator Contact Person: Jennifer R. Ammann | Footages Calculated from Nearest Outside Section Corner: |
| Phone: (<u>620</u>) <u>431-9500</u> | (circle one) (NE) SE NW SW |
| Contractor: Name: TXD Services, LP | Lease Name: Diediker Living Trust Well #: 21-1 |
| _icense: 33837 | Field Name: Cherokee Basin CBM |
| Wellsite Geologist: Ken Recoy | Producing Formation: Multiple |
| Designate Type of Completion: | Elevation: Ground: 958 Kelly Bushing: n/a |
| New Well Re-Entry Workover | Total Depth: 950 Plug Back Total Depth: 950.97 |
| OilSWDSIOWTemp. Abd. | Amount of Surface Pipe Set and Cemented at 22 Feet |
| ✓ GasENHRSIGW | Multiple Stage Cementing Collar Used? |
| Dry Other (Core, WSW, Expl., Cathodic, etc) | If yes, show depth setFeet |
| f Workover/Re-entry: Old Well Info as follows: | If Alternate II completion, cement circulated from 950.97 |
| Operator: | feet depth to surface w/ 140 sx cmt. |
| Well Name: | |
| Original Comp. Date: Original Total Depth: | Drilling Fluid Management Plan Al+ ANH 6 1908 |
| Deepening Re-perf Conv. to Enhr./SWD | (Data must be collected from the Reserve Pit) |
| Plug BackPlug Back Total Depth | Chloride content ppm Fluid volume bbls |
| | Dewatering method used |
| Commingled Docket No. | Location of fluid disposal if hauled offsite: |
| Dual Completion Docket No. | Operator Name: |
| Other (SWD or Enhr.?) Docket No | Lease Name: License No.: |
| 9/9/06 9/11/06 9/12/06 | Quarter Sec Twp S. R |
| Spud Date or Date Reached TD Completion Date or Recompletion Date | County: Docket No.: |
| | |
| Kansas 67202, within 120 days of the spud date, recompletion, workor Information of side two of this form will be held confidential for a period of | th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, ver or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. It is a months if requested in writing and submitted with the form (see rule 82-3-105 and geologist well report shall be attached with this form. ALL CEMENTING Is. Submit CP-111 form with all temporarily abandoned wells. |
| All requirements of the statutes, rules and regulations promulgated to regulation are complete and correct to the best of my knowledge. | slate the oil and gas industry have been fully complied with and the statements |
| signature: Jannife R. Amm | KCC Office Use ONLY |
| itle: New Well Development Coordinator Date: 1/10/07 | Letter of Confidentiality Received |
| Subscribed and sworn to before me this 10th day of Sanuau | If Denied, Yes Date: |
| o 67. | Wireline Log Received |
| -14 | Geologist Report Resident CORPORATION COMMIS |
| Hotary Public: Jorna Klauman | UIC Distribution JAN 1 1 2007 |
| Date Commission Expires: 8-4-010 | · · |
| 1_B1 | ERRA KLAUMAN PROPERTY Public - State of Kansas |

Notary Public - State of Kansas My Appt. Expires 8-4-2010

| Operator Name: Qu | est Cherokee, LL | С | Lease Name: Diediker Living Trust Well #: 21-1 | | | | | | | |
|---|---|--|--|------------------------------|---|-------------------------------|------------------------------|--|--|--|
| | 80 S. R. 19 | ✓ East | County: Ne | eosho | | | | | | |
| tested, time tool ope temperature, fluid re- | n and closed, flowing covery, and flow rate | and base of formations p g and shut-in pressures, s if gas to surface test, inal geological well site | , whether shut-in along with final c | pressure reached | d static level, hyd | rostatic pressure | es, bottom hole | | | |
| Drill Stem Tests Take | | 0 | and Datum Sample | | | | | | | |
| Samples Sent to Ge | ological Survey | ☐ Yes ☑ No | | Name See attached | | | Datum | | | |
| Cores Taken | | ☐ Yes 🗸 No | | | | | | | | |
| Electric Log Run (Submit Copy) | | Yes No | | | | | | | | |
| List All E. Logs Run: | | | | | | | | | | |
| Dual Induction Compensated Gamma Ray N | Density Neutro | on Log | | | | | | | | |
| | | CASING Report all strings set- | RECORD | New Used | ction. etc. | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | # Sacks Used | Type and Percent Additives | | | | |
| Surface | 12-1/4 | 8-5/8" | 20 | 22 | "A" | 5 | 7.113.11.05 | | | |
| Production | 6-3/4 | 4-1/2 | 10.5 | 950.97 | "A" | 140 | | | | |
| | | ADDITIONA | L CENSENTING / | SQUEEZE RECOR | ND. | | | | | |
| Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone | Depth Top Bottom | Type of Cement | #Sacks Used | | | | | | | |
| | | | | | | | | | | |
| Shots Per Foot | | ON RECORD - Bridge Plu Footage of Each Interval Pe | | | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth | | | | | |
| 4 | 867-870/813-81 | 5/807-809 | | 300gel 15%HCLw/ 25 (| 300gal 15%HCLw/ 25 bbls 2%kcl water, 540bbls water w/ 2% KCL, Blockle, 9000# 30/70 sand 867-870/813-818 | | | | | |
| | | | | | | | 807-809 | | | |
| 4 | 200gel 15%HCLw/ 30 I | bbls 2%kcl water, 456bbls wat | er w/ 2% KCL., Blockle, 7000 | # 30/70 sand 655-657/555-558 | | | | | | |
| 4 437-441/424-428 | | | | | obis 2%kci water, 578bbis wate | ir w/ 2% KCL, Blockle, 13000 | # 30/70 sand 437-441/424-428 | | | |
| TUBING RECORD | Size 3/8" | Set At 893 | Packer At | Liner Run | ☐ Yes ✓ N | lo | | | | |
| | rd Production, SWD or I | | ethod | owing 📝 Pump | ping Gas I | _ift | or (Explain) | | | |
| Estimated Production | Oil | Bbls. Gas | Mcf | Water | Bbls. | Gas-Oil Ratio | Gravity | | | |
| Per 24 Hours | n/a | 0mcf | 52 | 2bbls | | | | | | |
| Disposition of Gas | METHOD OF (| COMPLETION | | Production Into | erval | | | | | |
| Uvented ✓ Sold (If vented, Sold | Used on Lease ubmit ACO-18.) | Open Hole Other (Spe | | Dually Comp. | Commingled | | | | | |





DRILLERS LOG

TXD SERVICES LP

| RIG# | 101 | | \$. 21 | T. 30 | R. 19 | BASALES | 105 | 400 |
|-----------------|-------------|---------------|-------------|------------|-------------|---------|------------|------------|
| API# | 133-26694 | -0000 | County: | Neosho | | 315' | 13 - 1/4" | 2.92 |
| | Elev: | 958' | Location | Kansas | | 347' | 13 - 1/4" | 2.92 |
| | | | | | | 378' | 13 - 1/4" | 2.92 |
| Operator: | | rokee, LLC | | | | 435' | 13 - 1/4" | 2.92 |
| Address: | 9520 N. Ma | ay Ave, Suite | 300 | | | 502' | 13 - 1/4" | 2.92 |
| | Oklahoma | City, OK. 73 | 120 | | | 596' | 13 - 1/4" | 2.92 |
| Well# | 21-1 | | Lease Name | Diediker L | iving Trust | 659' | 13 - 1/4" | 2.92 |
| Footage Locat | ion | | ft from the | (N) Line | | 690' | 13 - 1/4" | 2.92 |
| | | 660 | ft from the | (E) Line | | 752' | 0 | |
| Drilling Contra | ctor. | TXD | SERVICES | S LP | | 845' | 0 | |
| Spud Date; 9 | 9/09/06 | | Geologist: | | | 876' | 0 | |
| Date Complete | ed: 9/11/06 | | Total Depth | 1: 982' | | 906' | 0 | |
| | - I | | | | | 982' | 0 | |
| | | | Sto Time | | | | | |
| | Surface | Production | | | | | | |
| Size Hole | 12-1/4" | 6-3/4" | | | <u> </u> | | | |
| Size Casing | 8-5/8" | 4-1/2" | | | | | | |
| Weight | 24# | | | | | | | |
| Setting Depth | 22' | | | | | | | |
| Type Cement | portland | | | | | | | |
| Sacks | 5 | | | | | | | |

| | | | Well to | Log | | Harris Harry | | |
|-----------|-----|------|-----------|-----|------|--------------|------|------------|
| Formation | Тор | Btm. | Formation | Тор | Btm. | Formation | Тор | Btm. |
| lime | 22 | 25 | shale | 422 | 430 | coal | 723 | 724 |
| shale | 25 | 125 | coal | 430 | 432 | shale | 724 | 753 |
| b.shale | 125 | 127 | lime | 432 | 435 | coal | 753 | 755 |
| shale | 127 | 183 | shale | 435 | 458 | shale | 755 | 838 |
| b.shale | 183 | 186 | coal | 458 | 459 | 1.shale | 838 | 842 |
| shale | 186 | 187 | shale | 459 | 529 | coal | 842 | 844 |
| lime | 187 | 203 | b.shale | 529 | 531 | shale | 844 | 859 |
| shale | 203 | 204 | coal | 531 | 533 | b.shale | 859 | 863 |
| b.shale | 204 | 206 | shale | 533 | 550 | shale | 863 | 866 |
| lime | 206 | 210 | coal | 550 | 552 | coal | 866 | 868 |
| shale | 210 | 245 | shale | 552 | 560 | shale | 868 | 882 |
| sand | 245 | 282 | coal | 560 | 562 | chat | 882 | 890 |
| shale | 282 | 316 | shale | 562 | 597 | iime | 890 | 982 |
| b.shale | 316 | 318 | coal | 597 | 598 | | | |
| sand | 318 | 321 | shale | 598 | 654 | | | |
| lime | 321 | 350 | coal | 654 | 656 | | T | |
| shale | 350 | 351 | shale | 656 | 676 | | | |
| b.shale | 351 | 353 | b.shale | 676 | 678 | | | |
| shale | 353 | 363 | shale | 678 | 699 | | | |
| coal | 363 | 365 | lime | 699 | 701 | | | |
| shale | 365 | 379 | shale | 701 | 702 | | | |
| sand | 379 | 410 | coal | 702 | 704 | | | en gerrado |
| lime | 410 | 422 | shale | 704 | 723 | | RECE | IVED |

425' added water; 882'-890' mississippi

JAN 1 1 2007



211 W. 14TH STREET, CHANUTE, KS 66720 620-431-9500

TICKET NUMBER 1813

FIELD FICKET REF#

615750

TREATMENT REPORT & FIELD TICKET CEMENT

| DATE | | WELL NAME & NUMBER | | | | | TOWNSHIP | RAN | GE . | E COUNTY | | |
|-----------------------|------------------|--------------------|------------------------------------|---------------------------------------|----------|--------------|----------------|--|--------------|--|-------------------------------------|--|
| 9-12-06 | Diedik | COR Li | vinc 1. | UST 21-1 | | 21 | 30 | 19 | | Nσ | _ | |
| FOREMAN / OPERATOR | TIME IN | TIME OUT | LESS LUNCH | TRUCK # | | TRAILER # | TRUCH HOUR: | | l | PLOYEE NATURE | | |
| TOWARD. | £ 2000 | 10:45 | | 903427 | | | 3. 75 | 5 | Jue ! | Blantel | | |
| Crais 6 | | | - | 903197 | | | 4.5 | | 1 | با(ي_ | 1 | |
| MAURICE | 7:15 | | | 903103 | | | 4.6 3.9 | 5 | Ma | The state of the s | | |
| DAVID . C | | | | 903400 | 9 | 32705 | 4 | | Sour | h Elas | 241 | |
| TPOY. U | 6:30 | | | 931605 | | | 4.5 | | The | Alexander | 1 | |
| RUSSEIL A | 7:00 | A | | extra | | | 3.7 | | Rul | -An | _ | |
| JOB TYPE Laugh | HOLE S | SIZE <u></u> ه | <i>1</i> 4 H | OLE DEPTH 9 | 68 | CASIN | NG SIZE & W | EIGHT | 41:12 | 10.5 | _ | |
| CASING DEPTH 95 | - | | | UBING | | | | | | | _ | |
| SLURRY WEIGHT | | | | /ATER gal/sk | | CEME | NT LEFT in (| CASING | <u>, 0</u> | | _ | |
| DISPLACEMENT_/5 | | | | | | | | | | | - | |
| REMARKS: | | | | | | | | | | | | |
| RAW ISK S | c\ <u>50,00+</u> | In Suifa | Cp. Jhs. | TAILED COMER | <u> </u> | hood PA | J (5K | حوا | 4 | | - | |
| bbl due | d 140 | 5 K'S 6 | Scomour | To get dy | 1 | To Surfo | cr. Fl | <u>، جَلَح، </u> | Dun | o · Pin | | |
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| ar r | | | | | | | | | | | _ | |
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| | -1 950. | 57 | F1 41/2 | Cosina | | | | | | | _ | |
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| 6072710 | | 1 2 | Cosina | | | | | | | | | |
| ACCOUNT CODE | QUANTITY or L | JNITS | DESCRIPTION OF SERVICES OR PRODUCT | | | | | | | TOTAL MOUNT | 7 | |
| | 2 76 | , , | Foreman Pickup | | | | | | | | 1 | |
| 903427 | 3.75 | nv l | Dement Pump Truck | | | | | | | | 7 | |
| 903103 | 11.5 | | Bulk Truck | | | | | | 1 | | 7 | |
| 1104 | | | Portland Cement | | | | | | 1 | | | |
| 1124 | | | 50/50 POZ Blend G | ement Poffe | - | 31/2 44 3 |) | | | | | |
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| 1110 | 1 | 11 3x | Gilsonite | |) | | RECE | IVEC |) | | | |
| 1107 | 1. | | Flo-Seal | | | KANS | AS CORPORA | ATION C | OMMISS | ION' | | |
| 1118 | | SK | Premium Gel | | | | IAN 1 | 1 200 | 17 | | | |
| 1215A | lac | \ | KCL | <u></u> | | | JAN . | • | | Property | - 1 - 20 - 20 - 1 - 1 - 1 - 1 | |
| 1111B | - · · · · · | I . | Sodium Sliicate (| alchleride | | | CONSERVATI | OF DI | PION ~ | 神を | | |
| 1123 | 7000 | 901 | City Water | | | | WICH | TA. 3 | 1 | | 4 | |
| 903400 | Ц. | - hr | Transport Truck | · · · · · · · · · · · · · · · · · · · | | | | - | | #F#NGO- | 4 | |
| 932705 | | | Transport Trailer | | | | | | +- | | 4 | |
| 931615 | 니. | 5 hr | 80 Vac | | | | | | + | | | |
| Ravin 4513 | : | 1 | 11/2 | Floatsho | مے | | | | | | *** | |
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