CONFIDENTIAL

Title: Sec.-Treas.,

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

| A. 1 | 100/13 |
|------|--|
| URIA | Form ACO-1 |
| 4/A | June 2009 Form Must Be Typed |
| "1// | Form Must Be Typed Form must be Signed All blanks must be Filled |
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2/2 - 1/2

API No. 15 - 147-20660-00-00 OPERATOR: License #_ 31900 Nor-West Kansas Oil, L.L.C. Name: Spot Description: _ Address 1: _20014 283 Hwy. NE_NE_NE_Sec. 31 Twp. 2 S. R. 20 Fast V West _____Feet from 🗹 North / 🗌 South Line of Section Address 2: _ City: WaKeeney, State: KS Zip: 67672 + 2722 210 __ Feet from 🗸 East / 🗍 West Line of Section Contact Person: Patrick G. Wanker, Sec.-Treas., Footages Calculated from Nearest Outside Section Corner: 743-2769 ØNE □NW □SE □SW County:_Phillips CONTRACTOR: License # 33575 Lease Name: DeWitt Name: W.W. Drilling, L.L.C. .Well#: 1 Wellsite Geologist: Cliff Ottaway Field Name: __Unknown Purchaser: None Producing Formation: None Elevation: Ground: 2256 _____ Kelly Bushing: 2261 Designate Type of Completion: Total Depth: 3940 Plug Back Total Depth: _ ☐ New Well Re-Entry ☐ Workover Amount of Surface Pipe Set and Cemented at: 231 ☐ wsw ☐ SWD ☐ SIOW **✓** D&A ☐ Gas ■ ENHR ☐ SIGW □ og ☐ GSW Temp, Abd. If yes, show depth set: ___ CM (Coal Bed Methane) If Alternate II completion, cement circulated from: ______ ☐ Cathodic ☐ Other (Core, Expl., etc.): __ if Workover/Re-entry: Old Well Info as follows: Operator: _ **Drilling Fluid Management Plan** Well Name: _ (Data must be collected from the Reserve Pit) Original Comp. Date: ___ Original Total Depth: ___ Chloride content: 2000 ___ ppm Fluid volume: 1200 bbls Deepening Re-perf. Conv. to ENHR Conv. to SWD Dewatering method used: Air Dried - Back Filled Conv. to GSW Plug Back: __ Plug Back Total Depth Location of fluid disposal if hauled offsite: ☐ Commingled Permit #: Operator Name: ☐ Dual Completion Permit #: ___ _____ License #:____ Lease Name: ____ ☐ SWD Permit #: _____ Quarter_ ☐ ENHR Permit #: ___ Co.CONFIDENTIAL Permit #: ☐ GSW Permit #: ___ 12/12 | (12/18 1/ 12/181 FFB 2 2 2013 FEB 2 8 2012 Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Roman 67303, within 100 days of the control of 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. **AFFIDAVIT** KCC Office Use ONLY I am the affiant and I hereby certify that all requirements of the statutes, rules and regu-Letter of Confidentiality Received lations 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. Confidential Release Date: Wireline Log Received Geologist Report Received

UIC Distribution

| Operator Name: Nor | * | il, L.L.C | <u> </u> | Lease | Name: | DeWitt | | Well#:1 | |
|---|------------------------|-------------|---|-----------------------|-------------------------------|-------------------------------|---------------------|-------------------|---------------------------------------|
| Sec. 31 Twp.2. 11 S. R. 20 East West | | | County | r: <u>Phil</u> | lips | | | | |
| INSTRUCTIONS: She time tool open and clo- recovery, and flow rate fine Logs surveyed. Af | s if gas to surface to | est, along | with final chart | snut-in bres | SUIA IA: | ached static leve | l hydroetatic ara | course ballam | bala tamananatura Auto |
| Drill Stem Tests Taken (Attach Additional S | heets) | √ | ∕es ∏No | | Ø | Log Formatio | on (Top), Depth : | and Datum | ☐ Sample |
| Samples Sent to Geolo | ogical Survey | 7 1 | ∕es ∏No | • | Nar | _ | , | Тор | Datum |
| Cores Taken | • | | _ | • | Anhy | | | 1962 3496 | +299 -1235 |
| Electric Log Run Electric Log Submitted | Electronically | | ′es ∏No ′es ☑No | • | Toror | - | | 3522 | -1235 -1261 |
| (If no, Submit Copy) | | | | | Base | K.C. | • • | 3746 | -1485 |
| List All E. Logs Run: | | | | | Marm | naton | | 3780 | -1519 |
| Dual Induction; (| Compensated I | orosit | y; | | Arbu | ckle | | 3872 | -1611 |
| Microresistivity; | compensated | Sonic | | - | T.D. | | | 3935 | -1674 |
| | | Rep | | RECORD conductor, sur | √ N rface, int | ew Used ermediate, product | ion, etc. | | - |
| Purpose of String | Size Hole Drilled | Si | te Casing t (In O.D.) | Weig Lbs./ | jht . | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| Surface | 12 1/4" | 8 5/8's" | | 20# | | 231 | Common | 150 | 3% cc; 2% gel. |
| | · · | | | - | . | | | | |
| <u></u> | | <u> </u> | ADDITIONAL | CEMENTIN | G / SOI | JEEZE RECORD | | | |
| Purpose: | Depth Top Bottom | Туре | of Cement | # Sacks I | | | Type and | Percent Additives | |
| Plug Back TD Plug Off Zone | | | • | | ··· , | | - | | · · · · · · · · · · · · · · · · · · · |
| Shots Per Foot | PERFORATIO | N RECOR | D - Bridge Plugs Each Interval Perfe | Set/Type | | | ture, Shot, Cemen | | d |
| | . Opecity (| octage of E | act interval Perk | orated | | (An | nount and Kind of M | eterial Used) | Depth |
| | | | , | | | , | | | |
| | | | <u></u> | | | | | | |
| | | · | | | | | | | |
| TUBING RECORD: | Size: | Set At: | | Packer At: | | Liner Run: | Yes No | | <u> </u> |
| Date of First, Resumed Pro | oduction, SWD or ENH | R. | Producing Metho | od: | —— •□ | | her (Explain) | | |
| Estimated Production Per 24 Hours | Oil Bi | sk. | Gas M | lcf | Wate | | | Sas-Oil Ratio | Gravity |
| DISPOSITION Vented Sold (If vented, Submit | Used on Lease | | | Perf. (3 | OMPLE Dually (Submit A | Comp. Comr | mingled | PRODUCTIO | N INTERVAL: |

INVOICE

5,154.78+

Invoice Number: 129667

6,258.34+

11,413.12*+

Invoice Date: Dec 12, 2011

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1 Page:

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5,154.78*+

7,556:04+

2 - 401 - 26-

x I.D.#: 20-5975804

PPA ID JAN - 2 2011 # 387/

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| Custom | erlD | Well Name to occupant of the Well of the W | Payment) | | | |
| Nor | | DeWitt #1 | | Net 30 Days | | |
| ქინტსიი | | (Camp Location | Service Date : . | Dio Dia Dia | | |
| KS2- | | Russell | Dec 12, 2011 | 1/11/12 | | |
| | · · · · · · · · · · · · · · · · · · · | Description | Unit Price | -#24-Amount | | |
| | Item . | Class A Common | 16.25 | 2,437.5 | | |
| 150.00 | | Gel | 21.25 | 63.7 | | |
| | MAT MAT | Chloride | 58.20 | 291.0 | | |
| 5.00 | SER | Handling | 2,25 | 355.5 | | |
| 158.00 109.00 | SER | Mileage | 17.38 | 1,894.4 | | |
| 1.00 | SER (| Surface | 1,125.00 | 1,125.0 | | |
| 109.00 | SER | Heavy Vehicle Mileage | 7.00 | 763.0 | | |
| 109.00 | SER | Light Vehicle Mieage | 4.00 | 436.0 | | |
| 1,00 | CEMENTER | Glenn Ginther | ., | • | | |
| 1.00 | | Woody O'Neil | in arbs | e e e | | |
| 1.00 | | Tony Pfannenstiel | | | | |
| 1.00 | Of Envious: | ,, , | | , | | |
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| | | FEB 2 2 20 | | | | |
| | | LED 7.5 VI | nia W | CC WICHITA | | |
| | | KCC | | | | |
| | | | | | | |
| | | Subtotal | | 7,366. | | |
| ALL PRICES A | RENET, PAYABL | E | | . 189.8 | | |
| INVOICE 1 | LOWING DATE O 1/2% CHARGED | Total Invoice Amount | | | | |
| THEREAFTER | . IF ACCOUNT I | Payment/Credit Applied | | 7,556.0 | | |
| CURRENT TA | KE DISCOUNT C | F Payment/Oredit Applied. | | | | |

CURRENT, TAKE DISCOUNT OF

ONLY IF PAID ON OR BEFORE

ALLIED CEMENTING CO., LLC. 042321

| REMIT TO P.O. BOX 31 | • | · SER | VICE POINT: | : |
|--|---|--|-----------------------|---|
| RUSSELL, KANSAS 67665. | • • | | Great Bi | ml res |
| The state of the s | | <u> </u> | 4, 44, | |
| 1000. | ALLED OUT | ON LOCATION | TRATE BOL | JOB FINISH |
| ATB 17-17-11 31 25 21W | | | COUNTY | STATE |
| TICATION PORTO | Was or Jek | T.m to Rd14 | Phillips . | 1 23 |
| DLD OR NEW (Circle one) | | | <u>"</u> | |
| SONTE ACTION CALL SOLVE | OWNED 4. | c-West D | anena Oil | |
| CONTRACTOR WW 622 #6 | OWNER 1 4 | Z-COOT OU | -10142 1.3U | |
| 10LE SIZE 7.74 10 3940 | CEMENT | | | |
| CASING SIZE 33/8 DEPTH 760' | AMOUNT OF | DERED 230 | m COM | 24400 |
| TUBING SIZE DEPTH: | Vi Yloseal | , | | |
| DRILL PIPE 41/2 KATHERS DEPTH 3855. | | | | |
| OOL DEPTH | | | • | |
| RES, MAX MINIMUM | COMMON_ | 138 | <u>. :@ _16.7.6</u> _ | 224215 |
| MEAS. LINE SHOE JOINT | POZMIX _ | <u>4</u> Z. | _ <u>@&_i50</u> | |
| EMENT LEFT IN CSG. | "GEL <u> </u> | | @ 21,25 | 170- |
| PERFS. | CHLORIDB_ | 12 | _ @ <i>'</i> | • |
| DISPLACEMENT Freduciation Regiment | ASC | · | | - 1000 |
| EQUIPMENT | CHO | loseal | _@ @ <u></u> | |
| | | AN DEPAR | | . 131 |
| UMPTRUCK CEMENTER Bob Goller | | | | • |
| 396 HELPER Ontin C. | . | ٠. | | |
| ULK TRUCK | | —————————————————————————————————————— | · @ | |
| DRIVER: Xeum W | . 1 | | _@ | |
| BULK TRUCK | | ~ | | |
| DRIVER Usce P | HANDLING. | | _ | 540- |
| | MILEAGE _ | 240781+' | 1 (| 7138 44 |
| REMARKS: | ٠. | | TOTAL | . <u> </u> |
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| police at to me 10 su | PUMPTRUC | K CHARGĒ 300 | 1-4000 | _13 <u>2010</u> |
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| <u> </u> | MANIFOLD. | <u> </u> | @ | |
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| 0-12-1 | · ; · · · | RECEIVI | ≣ປຶ | |
| HARGE TO: Plac-West Lansas On | | TED 4 4 | 2010 | A1111 & |
| TREET | X | LER S & | ZUIZ TOTAL | <u> 2141.9</u> |
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| CITYSTATEZIP | | KCC9MICA | - EFAIRMEN | ıT · |
| CONFIDENTIAL | | ······································ | JEAN WAR | · - |
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| FEB 2 2 2013 | Meadphy | | _@ <u>92.00</u> | 92,00 |
| | | | _@ | · · · · · · · · · · · · · · · · · · · |
| To Allied Cementing Co., LLC. | | | @ | |
| ou are hereby requested to rent cementing equipment | · · · · · · · · · · · · · · · · · · · | • | _ @ | |
| and furnish cementer and helper(s) to assist owner or | | • | _ = | |
| ontractor to do work as is listed. The above work was | | | | 97 00 |
| lone to satisfaction and supervision of owner agent or | 1 | | IUIAL | 92,00 |
| contractor. I have read and understand the "GENERAL | CALECTAV | (If Amu) | . • . | |
| ERMS AND CONDITIONS." listed on the reverse side. : | . SALES TAX | ιι MByJ———— | -970 | |
| the second of th | TOTAL CHAR | GES 8 Z | 7 /3 | |
| UNTED NAME & MOCK BAGGO. | 59/20 | 73 | 66.24- | |
| | DISCOUNT_ | | IF PAIL | IN 30 DAYS |
| | • | - 27.0 | 16 8/2 | |
| CNATURE & CVV al Bus-91 | | | אייני איין | |

the many identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the DEFINITIONS: In these terms and conditions, "ALLIED" shall mean Allied Cementing Co., LLC, and "CUSTOMER" shall

TCES, LLC

INVOICE

8 + 8 1 8 + 5 8 + 2,560.24-

Invoice Number: 129677 Invoice Date: Dec 17, 2011

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6,258.34*+

Page:

Federal Tax I.D.#: 20-5975884 JAN - 2 2019

Wakeeney, No Uro. 2-21/22

| | Que tome v(D) | WallNamerilor@istemorP.@. | Paymonttomp |
|---|--|---------------------------|-----------------------|
| | Nor | DeWitt #1 | Net 30 Days |
| | ද්ලෝල්ල්ල්ල්ල්ල්ල්ල්ල්ල්ල්ල්ල්ල්ල්ල්ල්ල් | ் சாற டிக்கரின்) | Service Date Dro Date |
| Ī | KS2-03 | Great Bend | Dec 17, 2011 1/16/12 |

| Quentity | ltem: | Description | - ए नी शित्र | Amount (Car |
|----------|-------------|-----------------------|---------------------|-------------|
| 138.00 | MAT | Class A Common | 16.25 | 2,242.50 |
| 92.00 | MAT | Pozmix | 8.50 | 782.00 |
| 8.00 | MAT | Gel ` | . 21.25 | 170.00 |
| 56.00 | MAT | FloSeal | 2.70 | 151.20 |
| 240.00 | SER | Handling | 2.25 | 540.00 |
| 81.00 | SER | Mileage | 26.40 | 2,138.40 |
| 1.00 | SER . | Rotary Plug | 1,250.00 | 1,250.00 |
| 81.00 | SER | Heavy Vehicle Mileage | 7.00 | 567.00 |
| 81.00 | SER | Light Vehicle Mileage | . 4.00 | 324.00 |
| 1.00 | EQP | 4 1/2 Wood Plug | · 92.00 | 92.00 |
| 1.00 | EQUIP OPER | Bobby Roller | | , |
| 1.00 | OPER ASSIST | Dustin Chambers | · | ·• |
| 1.00 | OPER ASSIST | Kevin Weighous | | |
| 1.00 | OPER ASSIST | Vince Pack | | |
| | | CONFIDENTIAL | RE | CEIVED |
| | | | | |
| | | FEB 2 2 2013 | 155 | 2 8 2012 |
| , – | | KCC | | |
| | | | NOC | WICHITA |
| | | Subtotal | | 8.257.10 |

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 11/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF



ONLY IF PAID ON OR BEFORE

| | Subtotal | 8,257.10 |
|----|------------------------|----------|
| `` | Sales Tax | 561.48 |
| • | Total Invoice Amount | 8,818.58 |
| | Payment/Credit Applied | |
| | TOTAL | 8,818.58 |

REMIT TO P.O. BOX 31 SERVICE POINT: RUSSELL, KANSAS 67665 DUSSELL TWP. RANGE CALLED OUT ON LOCATION JOB FINISH 30 W 245 7:90 PM 7300 COUNTY PHILLIPS LOCATION PRAIRIE VIEW OLD OR NEW Circle one) W-W DALG, **CONTRACTOR OWNER** TYPE OF JOB / ement Surface CEMENT: in the HOLE SIZE / 2 2321 T.D. AMOUNT ORDERED 150 SX Com CASING SIZE 8 5 **DEPTH TUBING SIZE** DEPTH DRILL PIPE DEPTH TOOL DEPTH PRES. MAX MINIMUM COMMON MEAS. LINE SHOE JOINT **POZMIX** CEMENT LEFT IN CSG. @ 21.25 GEL PERFS. **CHLORIDE** @ <u>58.20</u> DISPLACEMENT EQUIPMENT RECEIVED PUMP TRUCK CEMENTER GLAN HELPER LUDGOY 417 FEB 2 8 2012 **BULK TRUCK** <u> 328</u> KCC WICHITA **BULK TRUCK** DRIVER MILEAGE _ REMARKS: TOTAL 5042.1 OF 85/8 minute of the second SERVICE .. Recieved C PIRCULATION 150 SX Com Displace 13 DEPTH OF JOB 1125 PUMP TRUCK CHARGE ement EXTRA FOOTAGE urface MILEAGE HV 7.00 MANIFOLD. @ CONFIDENTIAL FEB 2 2, 2013 STREET KCC PLUG & FLOAT EQUIPMENT @ **@** @ To Allied Cementing Co., LLC. @ You are hereby requested to rent cementing equipment and 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 SALES TAX (If Any) TERMS AND CONDITIONS" listed on the reverse side. PRINTED NAME Mank Bagge

DEFINITIONS: In these terms and conditions, "ALLIED" shall mean Allied Cementing Co., LLC, and "CUSTOMER" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "Merchandise" refers to the material described on the front of this contract and to any other materials. products, or supplies used, sold, or furnished under the requirements of this contract.

TERMS: Unless satisfactory credit has been established, CUSTOMER must tender full cash payment to ALLIED before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, CUSTOMER agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that CUSTOMER may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the CUSTOMER or at the option of ALLIED, refunded directly to CUSTOMER. For purposes of this paragraph, ALLIED and CUSTOMER agree that Kansas law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

—ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including,

but not limited to, a reasonable sum as and for attorney's fees.

-PRICES AND TAXES: All merchandise listed in ALLIED'S current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

-TOWING CHARGES: ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the

cancellation.

—DEADHAUL, CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

-SERVICE CONDITIONS AND LIABILITIES:

- 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. CUSTOMER shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for: All the same of the same of the
- (A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or And the second of the second of the second the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing. CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements

caused by contamination of water or other fluids.

WARRANTIES:

1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies. 7 A 16 X 4.1 A 14.2 A CONTRACTOR OF THE STATE OF TH A transfer of the same

· 2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract. N 12 12 18 18

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendation: made by ALLIED, unless the inaccuracy or incorrectness is caused by the wilful misconduct or gross negligence of ALLIED or it employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED wil

accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.



DIAMOND TESTING

P.O. Box 157 HOISINGTON, KANSAS 67544 (620) 653-7550 • (800) 542-7313

STC 30046.D1076

Page 1 of 2 Pages

| Company Nor-West Kansas Oil LLC | Lease & Well No. DeWitt No. 1 |
|---|--|
| Elevation 2255 GL Formation Toronto/Lansing "A" | Effective Pay Et. Ticket No. J2872 |
| Date 12-15-11 Sec. 31 Twp. 2S Range 20W | County Phillips State Kansas |
| Test Approved By Cliff Ottaway | Diamond Representative John C. Riedl |
| Formation Test No. 1 Interval Tested from 3,494 ft. | |
| Packer Depth3,489 ft. Size63/4 in. | Packer Depth |
| Packer Depth 3,494 ft. Size 63/4 in. | Packer Depthft. Size in. |
| Depth of Selective Zone Setft. | |
| Top Recorder Depth (Inside)3,497_ft. | Recorder Number 30046 Cap. 6,000 psi |
| Bottom Recorder Depth (Outside) 3,547 ft. | Recorder Number 11073 Cap. 4,000 psi |
| Below Straddle Recorder Depthft. | Recorder Number Cappsi |
| Drilling Contractor WW Drilling LLC - Rig 6 Dr | ill Collar Length 120_ft. I.D 2.1/4 in. |
| Mud Type Chemical Viscosity 51 We | eight Pipe Length ft. I.D in. |
| Weight 9.1 Water Loss 6.8 cc. Dr | ill Pipe Length 3,354 ft. I.D. 31/2 in. |
| Chlorides 1,200 P.P.M. Te | st Tool Length |
| Jars: Make <u>Sterling</u> Serial Number <u>Not Run</u> An | nchor Length56_ft. Size41/2-FH in. |
| Did Well Flow? No Reversed Out No Su | rface Choke Size1 in. Bottom Choke Size5/8 in. |
| Ma | nin Hole Size 7.7/8 in. Tool Joint Size 4.1/2-XH in. |
| Blow: 1st Open: Weak blow. Dead in 15 mins. No blow back 2nd Open: Very weak blow throughout. No blow back du | |
| Recovered 40 ft. of oil specked drilling mud = .19 | 6800 bbls. |
| Recovered ft. of | |
| Remarks | |
| | ···· |
| | |
| Time Set Packer(s) 8:40 P.M. Time Started Off B | ottom10:40_P.M. Maximum Temperature91° |
| Initial Hydrostatic Pressure (| A) <u>1708</u> P.S.I. |
| Initial Flow Period Minutes 30 (| B) 25 P.S.I. to (C) 36 P.S.I. |
| Initial Closed In Period Minutes 30 | D)894P.S.I. |
| Final Flow Period Minutes 30 | E) 39 P.S.I. to (F) 45 P.S.I. |
| Final Closed In Period Minutes 30 | G)P.S.I. |
| Final Hydrostatic Pressure | H) 1699 P.S.I. |

GENERAL INFORMATION

Client Information:

Company: NOR-WEST KANSAS OIL LLC

Contact: PAT WANKER

Phone: Fax: e-mail:

Site Information:

Contact: CLIFF OTTAWAY

Phone: Fax: e-mail:

Well Information:

Representative:

Name:

Operator: NOR-WEST KANSAS OIL LLC

DEWITT #1

Location-Downhole:

Location-Surface: S31/2S/20W

Test Information:

Company: DIAMOND TESTING

Supervisor: CLIFF OTTAWAY

JOHN RIEDL

Test Type: CONVENTIONAL Job Number: D1076

Test Unit:

Start Date: 2011/12/15 Start Time: 19:00:00

End Date: 2011/12/16 End Time: 00:10:00

Report Date: 2011/12/16 Prepared By: JOHN RIEDL

Remarks: Qualified By: PAT WANKER

RECOVERY: 40' OIL SPECKED DRILLING MUD

