

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be TypedWELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33573 **KCC**  
 Name: Arena Resources, Inc. **AUG 17 2006**  
 Address: 4920 S. Lewis, Suite 107  
 City/State/Zip: Tulsa, OK 74105 **CONFIDENTIAL**  
 Purchaser: None  
 Operator Contact Person: Mike Barnhart  
 Phone: (918) 747-6060  
 Contractor: Name: Cheyenne Drilling a Div. of Trinidad Drilling, LP  
 License: 33375  
 Wellsite Geologist: Ron Osterbuhr

## Designate Type of Completion:

☒ New Well ☐ Re-Entry ☐ Workover  
☐ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.  
☒ Gas ☐ ENHR ☐ SIGW  
☒ 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./SWD  
☐ Plug Back \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
☐ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
☐ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
☐ Other (SWD or Enhr.?) \_\_\_\_\_ Docket No. \_\_\_\_\_

| 6-12-06                           | 6-13-06         | 8-1-06                                  |
|-----------------------------------|-----------------|-----------------------------------------|
| Spud Date or<br>Recompletion Date | Date Reached TD | Completion Date or<br>Recompletion Date |

API No. 15 - 071-20847-00-00  
 County: Greeley  
 \_\_\_\_\_ <sup>CNW</sup> Sec. 25 Twp. 17 S. R. 41 ☐ East ☒ West  
1320 feet from S (N) (circle one) Line of Section  
1320 feet from E (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE (NW) SW  
 Lease Name: Nolan Well #: 1-25  
 Field Name: Bradshaw  
 Producing Formation: Chase  
 Elevation: Ground: 3662 Kelly Bushing: 3668  
 Total Depth: 3083 Plug Back Total Depth: 3056  
 Amount of Surface Pipe Set and Cemented at 281 Feet  
 Multiple Stage Cementing Collar Used? ☐ Yes ☒ No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 3083 TD  
 feet depth to Surface w/ 625 sx cmt.

**Drilling Fluid Management Plan** Alt II Nit 8-28-08  
 (Data must be collected from the Reserve Pit)  
 Chloride content 7500 ppm Fluid volume 4000 bbls  
 Dewatering method used Evaporation  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 Operator Name: \_\_\_\_\_  
 Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
 Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ ☐ East ☐ West  
 County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

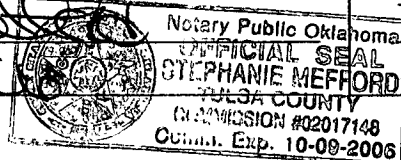
**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information 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: Mike Barnhart  
 Title: Production Manager Date: 8-17-06

Subscribed and sworn to before me this 17th day of August

20 Cl  
 Notary Public: Stephanie Mefford  
 Date Commission Expires: 10-09-2006



## KCC Office Use ONLY

Y Letter of Confidentiality Received  
 If Denied, Yes ☐ Date: \_\_\_\_\_  
☐ Wireline Log Received  
☐ Geologist Report Received  
☐ UIC Distribution

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Side Two

Operator Name: Arena Resources, Inc.Lease Name: NolanWell #: 4-25Sec. 25 Twp. 17 S. R. 41 ☐ East ☒ WestCounty: Greeley

**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 ☐ Yes ☒ No  
 (Attach Additional Sheets)

 Samples Sent to Geological Survey ☐ Yes ☒ No

 Cores Taken ☐ Yes ☒ No

 Electric Log Run ☒ Yes ☐ No  
 (Submit Copy)

List All E. Logs Run:

Dual CNL CDL; Dual Ind Log; CBL

☒ Log Formation (Top), Depth and Datum ☐ Sample

| Name                | Top  | Datum |
|---------------------|------|-------|
| Blaine              | 1999 | +1677 |
| Stone Corral (Base) | 2686 | +990  |
| Hollenberg          | 2899 | +777  |
| Herington           | 2923 | +753  |
| Winfield            | 2666 | +710  |
| Towanda             | 2991 | +685  |
| Ft. Riley           | 3053 | +623  |
| Total Depth         | 3086 | +590  |

CASING RECORD ☒ New ☐ 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           | 12 1/4            | 8 5/8                     | 24#              | 281           | Common         | 175          | 3% CC; 2% Gel              |
| Production        | 7 7/8             | 4 1/2                     | 10.5#            | 3083          | Lite & CI "C"  | 500 & 125    | Lite 1/4# Flo-seal         |
|                   |                   |                           |                  |               |                |              |                            |

## ADDITIONAL CEMENTING / SQUEEZE RECORD

| Purpose:           | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
|--------------------|------------------|----------------|-------------|----------------------------|
| ___ Perforate      |                  |                |             |                            |
| ___ Protect Casing |                  |                |             |                            |
| ___ Plug Back TD   |                  |                |             |                            |
| ___ Plug Off Zone  |                  |                |             |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth     |
|----------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------|
| 4 SPF          | 2993-2995; 3002-3006; 3012-3014                                                           | 1000 Gal 15% HCl                                                                  | All Perfs |
|                |                                                                                           |                                                                                   |           |
|                |                                                                                           |                                                                                   |           |
|                |                                                                                           |                                                                                   |           |
|                |                                                                                           |                                                                                   |           |

| TUBING RECORD                                                           | Size      | Set At                                                                                                                                       | Packer At   | Liner Run                                                |
|-------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------|
| None                                                                    |           |                                                                                                                                              |             | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Date of First, Resumed Production, SWD or Enhr.<br>None; Non-productive |           | Producing Method                                                                                                                             |             |                                                          |
|                                                                         |           | <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |             |                                                          |
| Estimated Production Per 24 Hours                                       | Oil Bbls. | Gas Mcf                                                                                                                                      | Water Bbls. | Gas-Oil Ratio Gravity                                    |
|                                                                         | 0         | 0                                                                                                                                            | 0           |                                                          |

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease  
 (If vented, Submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled  
☐ Other (Specify)

DRILLER'S LOG

ARENA RESOURCES, INC  
NOLAN 1-25  
SECTION 25-T17S-R41W  
GREELEY COUNTY, KANSAS

COMMENCED: 06-12-06  
COMPLETED: 06-14-06

KCC  
AUG 17 2006  
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SURFACE CASING: 273' OF 8 5/8" CMTD  
W/125 SKS COMM +3% CC + 2% GEL.

FORMATION

DEPTH

|                           |                 |
|---------------------------|-----------------|
| SURFACE HOLE              | 0 - 283         |
| SANDSTONE & CLAY          | 283 - 843       |
| SANDSTONE, CLAY & RED BED | 843 - 1997      |
| RED BED & LIMESTONE       | 1997 - 3086 RTD |

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING

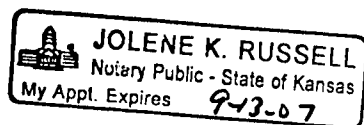
*Wray Valentine*  
WRAY VALENTINE

STATE OF KANSAS: ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 15<sup>TH</sup> DAY OF JUNE, 2006.

JOLENE K. RUSSELL

*Jolene K. Russell*  
NOTARY PUBLIC



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## GEOLOGICAL SUMMARY

**Arena Resources, Inc.**

**Nolan #1-25**

**1320' FWL, 1320' FNL Sec 25-T17S-R41W**

**Greeley County, Kansas**

**API #15-071-20847**

**Elevations: G.L.- 3670', K.B.- 3676' (reference datum)**

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The following formation depths were determined from cased-hole electric logs, the sub-sea datums are referenced to the KB elevation of 3676', and are compared to the datums at the Smith #1-24 (see Sec 24-T17S-R41W):

| <u>Formation</u> | <u>Log Depth</u> | <u>Datum</u> | <u>+/- to Smith #1-24</u> |
|------------------|------------------|--------------|---------------------------|
| T/Blaine         | 1999'            | +1677'       | -46'                      |
| B/Stone Corral   | 2686'            | + 990'       | -60'                      |
| T/Hollenberg     | 2899'            | + 777'       | -53'                      |
| T/Herington      | 2923'            | + 753'       | -61'                      |
| T/Winfield       | 2966'            | + 710'       | -65'                      |
| T/Towanda        | 2991'            | + 685'       | -61'                      |
| T/Ft. Riley      | 3053'            | + 623'       | -68'                      |
| Total Depth      | 3086'            | + 590'       |                           |

The Upper Chase Group from the top of the Herington to the top of the Towanda consists of mostly buff-reddish brown-light gray, silty shales and dolomitic, very fine-grained siltstones.

The Towanda interval from 2991'-3042' is considered to be the principal source of gas production in the area, and consists of light gray-reddish brown dolomitic siltstone, with some interbedded shales. The intergranular porosity ranges from 17-24%. Recommended perforations are from 2993'-2995', 3002'-3006', and 3012'-3014'.



Ron Osterbuhr  
07/2006

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# ALLIED CEMENTING CO., INC.

25007

Fe

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

AUG 17 2006

SERVICE POINT:

OAKLEY

|                                |                    |                                         |                       |             |                            |                          |                           |
|--------------------------------|--------------------|-----------------------------------------|-----------------------|-------------|----------------------------|--------------------------|---------------------------|
| DATE <u>6-12-06</u>            | SEC. <u>25</u>     | TWP. <u>17S</u>                         | RANGE <u>41W</u>      | CALLLED OUT | ON LOCATION <u>4:30 AM</u> | JOB START <u>6:00 PM</u> | JOB FINISH <u>6:30 PM</u> |
| LEASE <u>NOLAN</u>             | WELL # <u>1-25</u> | LOCATION <u>TRIBUNE 8N-2W-25-1W-14S</u> | COUNTY <u>GREENEY</u> |             | STATE <u>KS</u>            |                          |                           |
| OLD OR <u>NEW</u> (Circle one) |                    |                                         | <u>E-JN</u>           |             |                            |                          |                           |

CONTRACTOR CHEYENNE DRILL RIG #11 OWNER ARENA RESOURCES

|                                |                   |
|--------------------------------|-------------------|
| TYPE OF JOB <u>SURFACE</u>     |                   |
| HOLE SIZE <u>12 1/4"</u>       | T.D. <u>283'</u>  |
| CASING SIZE <u>8 5/8"</u>      | DEPTH <u>283'</u> |
| TUBING SIZE                    | DEPTH             |
| DRILL PIPE                     | DEPTH             |
| TOOL                           | DEPTH             |
| PRES. MAX                      | MINIMUM           |
| MEAS. LINE                     | SHOE JOINT        |
| CEMENT LEFT IN CSG. <u>15'</u> |                   |
| PERFS.                         |                   |
| DISPLACEMENT <u>17 BBL</u>     |                   |

## EQUIPMENT

|              |                       |
|--------------|-----------------------|
| PUMP TRUCK   | CEMENTER <u>TERRY</u> |
| #            | HELPER <u>JIM</u>     |
| BULK TRUCK   |                       |
| # <u>218</u> | DRIVER <u>LONNIE</u>  |
| BULK TRUCK   |                       |
| #            | DRIVER                |

## REMARKS:

CEMENT did circulate

THANK YOU

CHARGE TO: CHEYENNE DRILL CO.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE

Red Stick

## CEMENT

AMOUNT ORDERED 175 SKS Com 3 BBL 290 GEL

|          |                         |   |              |                |
|----------|-------------------------|---|--------------|----------------|
| COMMON   | <u>175 SKS</u>          | @ | <u>12.20</u> | <u>2135.00</u> |
| POZMIX   |                         | @ |              |                |
| GEL      | <u>3 SKS</u>            | @ | <u>16.65</u> | <u>49.95</u>   |
| CHLORIDE | <u>6 SKS</u>            | @ | <u>46.60</u> | <u>279.60</u>  |
| ASC      |                         | @ |              |                |
|          |                         | @ |              |                |
|          |                         | @ |              |                |
|          |                         | @ |              |                |
|          |                         | @ |              |                |
|          |                         | @ |              |                |
|          |                         | @ |              |                |
|          |                         | @ |              |                |
| HANDLING | <u>184 SKS</u>          | @ | <u>1.90</u>  | <u>349.60</u>  |
| MILEAGE  | <u>84 PER SK / MILE</u> |   |              | <u>1207.20</u> |
| TOTAL    |                         |   |              | <u>4021.40</u> |

## SERVICE

|                   |                                          |
|-------------------|------------------------------------------|
| DEPTH OF JOB      | <u>283'</u>                              |
| PUMP TRUCK CHARGE | <u>815.00</u>                            |
| EXTRA FOOTAGE     | @                                        |
| MILEAGE           | <u>82 ME</u> @ <u>5.00</u> <u>410.00</u> |
| MANIFOLD          | @                                        |
|                   | @                                        |
|                   | @                                        |

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TOTAL 1225.00

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## PLUG & FLOAT EQUIPMENT

|  |   |  |
|--|---|--|
|  | @ |  |
|  | @ |  |
|  | @ |  |
|  | @ |  |
|  | @ |  |

TOTAL \_\_\_\_\_

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

# ALLIED CEMENTING CO., INC.

25008

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

KCC

AUG 17 2006

SERVICE POINT:

OAKLEY

|                                |                |                                     |                   |                        |                       |                        |
|--------------------------------|----------------|-------------------------------------|-------------------|------------------------|-----------------------|------------------------|
| DATE<br>6-14-06                | SEC<br>25      | TWP<br>17S                          | RANGE<br>41W      | ON LOCATION<br>8:00 AM | JOB START<br>11:30 AM | JOB FINISH<br>12:30 AM |
| LEASE<br>Nolan                 | WELL #<br>1-25 | LOCATION<br>TRIBUNE 8N-2W-25-1W-1/4 | COUNTY<br>CREELEY | STATE<br>KS            |                       |                        |
| OLD OR <u>NEW</u> (Circle one) |                |                                     | S-E IN            |                        |                       |                        |

|                                  |                   |
|----------------------------------|-------------------|
| CONTRACTOR<br>Cheyenne Drilling  | OWNER<br>SAME     |
| TYPE OF JOB<br>Production String |                   |
| HOLE SIZE<br>7 7/8"              | T.D.<br>3083'     |
| CASING SIZE<br>4 1/2"            | DEPTH<br>3086'    |
| TUBING SIZE                      | DEPTH             |
| DRILL PIPE                       | DEPTH             |
| TOOL                             | DEPTH             |
| PRES. MAX                        | MINIMUM           |
| MEAS. LINE                       | SHOE JOINT<br>21' |
| CEMENT LEFT IN CSG.<br>21'       |                   |
| PERFS.                           |                   |
| DISPLACEMENT<br>48 1/2 BBL       |                   |

## EQUIPMENT

|                     |                   |
|---------------------|-------------------|
| PUMP TRUCK<br># 102 | CEMENTER<br>TERRY |
| BULK TRUCK<br># 394 | HELPER<br>WAIT    |
| BULK TRUCK<br># 218 | DRIVER<br>MIKE    |
|                     | DRIVER<br>LONNIE  |

## REMARKS:

MIX 500 SKS LITE 1/4" FLO-SEAL  
125 SKS CLASS "C", WASH TRUCK  
& LINES, DISPLACED 48 1/2 BBL.  
Landed plug at 1000 PSI.  
FLOAT HELD.  
LOST RETURNS 25 BBL INTO  
DISPLACEMENT.  
CEMENT did CIRC.

THANK YOU

CHARGE TO: ARENA RESOURCES

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE

*[Signature]*

## CEMENT

AMOUNT ORDERED 125 SKS CLASS "C"  
500 SKS LITE 1/4" FLO-SEAL

|               |              |         |          |
|---------------|--------------|---------|----------|
| CLASS "C"     | 125 SKS      | @ 14.70 | 1837.50  |
| POZMIX        |              | @       |          |
| GEL           |              | @       |          |
| CHLORIDE      |              | @       |          |
| ASC           |              | @       |          |
| LITE 500 SKS  |              | @ 10.75 | 5375.00  |
| FLO-SEAL 125" |              | @ 2.00  | 250.00   |
| HANDLING      | 659 SKS      | @ 1.90  | 1252.10  |
| MILEAGE       | 84 PER SK/MI |         | 4323.04  |
| TOTAL         |              |         | 13037.64 |

## SERVICE

|                   |                     |
|-------------------|---------------------|
| DEPTH OF JOB      | 3086'               |
| PUMP TRUCK CHARGE | 1610.00             |
| EXTRA FOOTAGE     | @                   |
| MILEAGE           | 82 MI @ 5.00 410.00 |
| MANIFOLD          | @                   |
| RECEIVED          | @ 100.00            |
| AUG 21 2006       |                     |

KCC WICHITA

TOTAL 2120.00

## 4 1/2" PLUG & FLOAT EQUIPMENT

|                  |                |
|------------------|----------------|
| 1- Guide shoe    | 125.00         |
| 1- AFU INSERT    | @ 215.00       |
| 10- CENTRALIZERS | @ 45.00 450.00 |
| 1- BASKET        | @ 130.00       |
| 1- Rubber Plug   | @ 55.00        |

TOTAL 975.00  
- DISC  
\$ 15,050.95

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS



4920 S. Lewis, Suite 107 Tulsa, Oklahoma 74105  
Phone (918) 747-6060 FAX (918) 747-7620

08/17/08

Kansas Corporation Commission  
130 S. Market, Room 2078  
Wichita, Kansas 67202

August 17, 2006

Re: Nolan 1-25  
API # 15-071-20847  
Greeley County, KS

KCC  
AUG 17 2006  
CONFIDENTIAL

Gentlemen:

Arena Resources, Inc. respectfully requests that the referenced well completion information be held confidential for the maximum time allowed by rule.

Sincerely,

A handwritten signature in cursive script that reads 'Mike Barnhart'.

Mike Barnhart

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KCC WICHITA