

ORIGINAL  
KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

ORIGINAL

Operator: License # 5399  
Name: American Energies Corporation  
Address: 155 North Market, Suite 710  
City/State/Zip: Wichita, Kansas 67202  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Alan L. DeGood, President  
Phone: (316) 263-5785  
Contractor: Name: McPherson Drilling  
License: 5495

API No. 15 - 15017208440000  
County: Chase  
W/2 NW NW NW Sec. 20 Twp. 19S R. 7E  East  West  
330' FNL feet from S (N) (circle one) Line of Section  
75' FWL feet from E (W) (circle one) Line of Section

Wellsite Geologist: David Goldak  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE (NW) SW  
Lease Name: Giger Well #: D #1  
Field Name: Wildcat

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. \_\_\_\_\_

Producing Formation: Lansing  
Elevation: Ground: 1220 Kelly Bushing: \_\_\_\_\_  
Total Depth: 1759 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 3 jts 7" 20# set @ 82' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

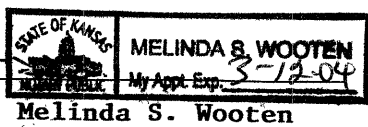
7/21/03 7/31/03 8/6/03  
Spud Date or Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Plan ALL IN 429.04  
(Data must be collected from the Reserve Pit)  
Chloride content 5,000 ppm Fluid volume 450 bbls  
Dewatering method used Evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. JAN 04 2005  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: Alan L. DeGood  
Title: President Date: 10/7/03  
Subscribed and sworn to before me this 7th day of October, 19 2003  
Notary Public: Melinda S. Wooten  
Date Commission Expires: 3-12-04



KCC Office Use ONLY

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

X

Operator Name: American Energies Corporation Lease Name: Giger Well #: D #1  
 Sec. 20 Twp. 19S R. 7E  East  West County: Chase

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 level 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  Log Formation (Top), Depth and Datum  Sample  
 (Attach Additional Sheets)  
 Samples Sent to Geological Survey  Yes  No Name Top Datum  
 Cores Taken  Yes  No **See Attachment**  
 Electric Log Run  Yes  No  
 (Submit Copy)  
 List All E. Logs Run:

Dual Induction Log  
 Dual Compensated Porosity Log

| CASING RECORD <input checked="" 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 | # Sacjs Used | Type and Percent Additives |
| Surface   | 11"               | 7"                        | 20#               | 82'           | 60/40          | 40 sx        | 2% CaCl<br>15 SX Calciu    |
| Production  | 6 1/4"            | 4 1/2"                    | 9.5#              | 1753'         | U.S.C.         | 200 sx       |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD   |                  |                |             |                            |
|---|------------------|----------------|-------------|----------------------------|
| Purpose:  | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input checked="" type="checkbox"/> Perforate<br><input type="checkbox"/> Protect Casing<br><input type="checkbox"/> Plug Back TD<br><input type="checkbox"/> Plug Off Zone | 866-870          | Class A        | 125 sx      |                            |
| Squeeze Perfs   |                  |                |             |                            |

| 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          | 1228-31   | 250 Gallons 15% NE  |       |
| 4 SPF          | 724-28  | 2000 Gallons 15% NE   |       |
|                |   | 300 Gallons 7 1/2% NE   |       |
|                |   | 250 gallons 15% NE  |       |

TUBING RECORD Size 41 jts 2 3/8" set @ 1264' Set At Packer At Liner Run  Yes  No

Date of First, Resumerd Production, SWD or Enhr. Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)  
**Currently Shut-In Waiting on Pipeline**  
 Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity  
 40

Disposition of Gas METHOD OF COMPLETION Production Interval  
 Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
 (If vented, Sumit ACO-18.)  Other (Specify)

**AMERICAN ENERGIES CORPORATION  
DRILLING AND COMPLETION REPORT**

**CONFIDENTIAL**

**Giger "D" #1**

**ORIGINAL**

**LOCATION:** NW NW NW  
Section 20-T19S-R7E  
**API:** 15-017-20,844  
**COUNTY:** Chase County, Kansas

**SURFACE CASING:** 3 jts 7", 20# at 82'

**CONTRACTOR:** McPherson Drilling Co  
**GEOLOGIST:** David Goldak

**PRODUCTION CASING:** 42 jts 9.5#  
Used 4 1/2" set @ 1753'

**G.L.:** 1220 **K.B.:**  
**SPUD DATE:** 7/21/03

**NOTIFY:** Peter J. Coakley  
D & D Investment  
W. Mike Adams - Fax #684-2638

**COMPLETION DATE:**  
**REFERENCE WELLS:**

**RECEIVED**

**OCT 09 2003**

**KCC WICHITA**

**KCC**  
**OCT 07 2003**  
**CONFIDENTIAL**

#1 BMG Frick Farms #1-19  
C SE SW Section 19-19S-7E  
#2 BMG #1-7 Morrison Grain  
C SE SE Section 7-T19S-R7E

| FORMATION:   | SAMPLE LOG: |      | ELECTRIC LOG TOPS: |      | SAMPLE COMPARISON: |       |
|--------------|-------------|------|--------------------|------|--------------------|-------|
|              |             |      |                    |      | #1                 | #2    |
| Emporia      | 364         | +856 | 362                | +858 | Flat               | +11   |
| Howard       | 551         | +669 | 548                | +672 | +4                 | +13   |
| Topeka       | 610         | +610 | 606                | +614 | +3                 | +13   |
| Deer Creek   | 686         | +534 | 682                | +538 | +4                 | +19   |
| Oread        | 898         | +322 | 896                | +354 | +4                 | +19   |
| Heebner      | 929         | +291 | 927                | +293 | Flat               | +11   |
| Douglas      | 955         | +265 | 952                | +268 | -1                 | +12   |
| Lansing      | 1191        | +29  | 1189               | +31  | +9                 | +10   |
| Stark        | 1435        | -215 | 1430               | -210 | Flat               | +14   |
| Basal Sd     | 1728        | -508 | 1724               | -504 | -4                 | N/A   |
| Granite Wash | 1732        | -512 | 1732               | -512 | +2'                | +109' |
| Granite      | 1745        | -525 | 1744               | -524 | +1'                | +114' |
| TD           | 1759        | -539 | 1754               | -534 |                    |       |

07/22/03 Drilling @ 100' at 7:00 a.m.

7/21/03 MIRT, Spud and drilled to 84'. Set 3 jts 7", 20# casing at 82', cemented with 40 sx of 60/40 poz with 2% CaCl. Cement did circulate.

07/23/03 Drilling @ 480' at 7:00 a.m.

07/24/03 Shut-down - Repairing rig. SD @ 640'. Working on rig until noon.

07/25/03 Drilling @ 840 - Rig down for repair in the afternoon.

07/26/03 Drilling @ 906'

07/27/03 Drilling @ 1200'

07/28/03 Drilling @ 1320'. Shows in the Severy Sand, Elgin Sand and Lansing "B"

07/29/03 Drilling @ 1480'

07/30/03 Drilling @ 1600'

07/31/03 1754' TD. TOH for logging.

08/01/03 Running 42 jts used 9.5# 4-1/2" Production casing set @ 1753'. Cemented w/200 sx U.S.C. cement. Cement did circulate to surface, approx. 40 sx to pit. Plug down at 11:30 a.m. Shut-In. Ran LogTech Open Hole Logs, zones of interest Basal Penn. Sd, Lansing B, Elgin Sd., Tecumish.

08/06/03 MIDDPU, Rig up Hurricane Well Service. Rig up Log-Tech, run CCL log, Perf Basal Sand @ 1726-30' 4spf expanable gun. Casing swab Well on, no show of Oil or Gas. Ran to 30 min., test Well dry. SION

08/07/03 ONFU 100' wtr, 30# on csg. Ran swab once. Well dry. Treat w/250 gal. 15% NE acid broke @ 1500#, back to 800#. Trace @ 1.5BPM, ISIP 150# 5 min to 0. Flowed 3 Bbbs back to pit. Swab 25 Bbbs back, Well dry. Ran (2) 1 hour tests, dry no Oil, Gas or Wtr. Set P-Plug @ 1310', Perf Lansing B @ 1228-31' 4spf, ran 39 jts 2-3/8" tbg set S.N. @ 1201'. SION

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08/08/03 ONPSI: Tubing: 30#, Casing: 50#. Swab down, swab dry with slight show of gas. Treated with 250 gallons 15% NE Acid. Broke @ 750#, treated at 2 BPM 450#, ISIP: 200#. Flowed back 20 bbls of 30 bbl load. Swab rest of load back 2 hours, Shut-In. Casing: 85#, Tubing: 20#. Retreated with 2000 gallons 15% NE acid, treated @ 2 BPM, started at 550#. Average treatment PSI ended up being 250#, ISIP: 200#. Flowed back approximately 50 bbls of 70 bbl load in pit. PSI: 175# on casing and 30# on tubing when we shut in.

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KCC

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08/09/03 SION

08/10/03 SION

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08/11/03 PSI: 300# Casing, 100# Tubing. Opened to pit, flowed water and gas to pit, approximately 3 bbls, then stopped. Ran swab 4 times, recovered rest of 20 bbl load. Gas PSI: 300#, Tubing PSI: 0#. Shut tubing in for 15 minutes, PSI built up to 50#. Blows right down. Well would probably make 40-50 MCF per day with pumping unit. Set P-plug @ 910', perforated at 866-70' with 4 SPF. Swabbed down with good show of gas. Swabbed approximately 1/4 bbl water per hour. Casing PSI 40# when we SION.

8/12/03 ON PSI: 200# Casing, 100# tubing. Fluid @ surface. Swabbed down giving up 2 bbls per hour with show of gas. TOH with tubing. TIH with tubing and RTTS packer, set @ 815'.

Squeeze perforated @ 866-70'. Took injection rate @ 2 BPM @ 1000#. Squeezed with 125 sx class A cement, locked up @ 1500#. Released RTTS, circulated tubing clean. Ran two jts thru Squeezed perf to 880', wash cement out of casing. Pull 5 jts tubing, reset RTTS PSI 500#. SION

8/13/03 Release RTTS, ran 5 jts tubing, passed perfs, did not touch anything. TOH with tubing and RTTS packer, perforated at 724-728' with 4 SPF. Ran 24 jts 2 3/8" tubing, set seating nipple @ 780'. Swabbed dry 30" test dry - good show gas. 2 hours Shut-In PSI: 80# on casing. Ran swab, - no fluid. Treated with 300 gallons 7 1/2" NE acid, broke @ 900#, treated @ 1 BPM @ 550#, ISIP: 450#. Swabbed and flowing back 20 bbls of 22 bbl load with good show of gas. (1) 30 minute test - well dry. SION

8/14/03 Swabbed well down, swab dry. 1 hour test: 50' water. Treated with 1500 gallons 15% NE acid and 40 perf balls, broke @ 750#, treated @ 5 BPM 700#, had slight ball action, ISIP: 500#, in 15 minutes, PSI dropped to 400#. Flow and swab back 20 bbls of 47 bbl load, sandline broke. SION for rig repairs, will repair line in the a.m.

8/15/03 ON PSI: 260# casing, 240# tubing, open unload approx 27 bbls fluid or rest of load. Swab test and flow test. Gas test showed approx 15 MCF gas, no water.

8/16/03 SION

8/17/03 SION

8/18/03 ON PSI Casing: 300#, Tubing: 300#. Blow down and tested approximately 40 MCF gas. Ran swab - 80' fluid in hole. Drilled on P-plug at 910' with sandline drill. Cracked plug and blew sandline out of hole. Parted sandline. SION for repairs. Will finish in morning.

8/19/03 ON PSI: 325#. Flushed drilling P-plug from 900' to 1310'. Ran 41 jts of used tested 2 3/8" tubing and 12' M.A. Set S.N. @ 1264'. Ran 6' (1") gas anchor, 2 X 1 1/2 X 10' BHD, stationary bbl, D.V. Pump and 49 3/4" rods, 1 - 4', 1 - 2' - 3/4" rod subs.

**RELEASED**

JAN 04 2005

**FROM CONFIDENTIAL**

# United Cementing and Acid Co., Inc.

Oil Well Cementing & Acidizing  
 (316) 321-4680 • 800-794-0187 • FAX (316) 321-4720  
 2510 West 6th Street • El Dorado, KS 67042

RECEIVED  
 OCT 09 2003  
 KCC WICHITA  
 SERVICE TICKET  
 ORIGINAL 4760  
 DATE 7-21-03  
 COUNTY Chase  
3 NW of Eldale

CHARGE TO CONFIDENTIAL  
 ADDRESS Manhattan Energy

LEASE & WELL NO. Grigor D-1 CITY KCC ST \_\_\_\_\_ ZIP \_\_\_\_\_  
 CONTRACTOR Bill McPherson SEC OCT 07 2003 TWP. \_\_\_\_\_ RING. \_\_\_\_\_  
 KIND OF JOB Surface TIME ON LOCATION 5:00  
 CONFIDENTIAL OLD NEW

| Quantity | MATERIAL USED                             | Serv. Charge   |                |
|----------|---|----------------|----------------|
| 405x     | 60/40 2 1/2 Calicum @ 4.90                |                | 482.00         |
| 15x      | Calicum @ 20.65                           |                | 196.00         |
|          |   |                | 20.65          |
| 41       | BULK CHARGE @ 98¢                         |                | 40.18          |
|          | BULK TRK. MILES <u>2.05 tons</u> min chg. |                | 94.30          |
| 52       | PUMP TRK. MILES                           |                | 106.60         |
|          | PLUGS                                     |                |                |
|          | SALES TAX                                 |                | 20.51          |
|          | TOTAL                                     | <u>1023.00</u> | <u>1005.52</u> |

T.D. 84 **RELEASED** CSG. SET AT 82 VOLUME 3.15  
 SIZE HOLE \_\_\_\_\_ TBG SET AT \_\_\_\_\_ VOLUME \_\_\_\_\_  
 MAX. PRESS. \_\_\_\_\_ JAN 04 2005 SIZE PIPE 7"  
 PLUG DEPTH \_\_\_\_\_ FROM CONFIDENTIAL PKER DEPTH \_\_\_\_\_  
 PLUG USED \_\_\_\_\_ TIME FINISHED 5:45

REMARKS: Circulate Cement 82' To Surface.  
Shut off cement at 1st sign of cement to displace  
Surface Pipe with 2 3/4 Barrels. Good Heavy cement  
at Surface cement did not Fall.

EQUIPMENT USED  
 NAME UNIT NO. NAME UNIT NO.  
Imp P-10 \_\_\_\_\_ Urg # B-3 \_\_\_\_\_  
Ron Pitts \_\_\_\_\_ [Signature] \_\_\_\_\_  
 CEMENTER OR TREATER OWNER'S REP.

**CONFIDENTIAL**

**ORIGINAL**

**United Cementing & Acid Company, Inc.**

2510 W. 6th St.

El Dorado, Kansas 67042

316-321-4680 800-794-0187 (Fax) 316-321-4720

Remit Payment To:

One North Hudson, Suite 1000

Oklahoma City, OK 73102

405-278-8800

Customer:

American Energies Corporation  
155 N. Market St., Ste. 710  
Wichita, Kansas 67202

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KCC WICHITA

Invoice No. 5383

Field Ticket 4760

Date 7/22/2003

PO#

KCC

OCT 07 2003

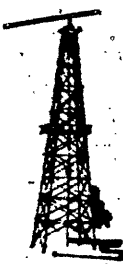
CONFIDENTIAL

2024

| Date of Job  | County                    | State        | Lease      | Well No.        |
|--|---------------------------|--------------|------------|-----------------|
| 07/21/03   | CS                        | KS           | Giger /    | D-1             |
| Size of Casing   | Depth Of Well             | Depth Of Job | Plug Depth | Pressure        |
| 7"   |                           | 82'          |            |                 |
| Quantity   | Description               | Unit Price   | Total      |                 |
|  | <b>SURFACE CASING</b>     |              |            |                 |
|  | Cement Unit               | UOM          | *          | 482.00          |
| 52   | Pump Truck Mileage Charge | mi 2.05      | *          | 106.60          |
| 40   | 60/40 Pozmix              | sax 4.90     |            | 196.00          |
| 1  | Calcium chloride          | sax 26.65    |            | 26.65           |
| 41   | Bulk Charge               | sax 0.98     |            | 40.18           |
|  | Drayage - MINIMUM CHARGE  |              |            | 94.50           |
| <p>RELEASED<br/>JAN 04 2005<br/>FROM CONFIDENTIAL</p> <p>ENTD JUL 29 ENT'D</p> <p><i>Thank you for your continued business</i></p> |                           |              |            |                 |
| Taxable  | *Non-Taxable              | Tax Rate     | Sales Tax  | TOTAL DUE       |
| 357.33   | 588.60                    | 0.063        | 22.51      | <b>\$968.44</b> |

TERMS: Net 30 days from invoice date. Please pay from this invoice.

ORIGINAL INVOICE



# United Cementing and Acid Co., Inc.

316-321-4680 • 800-794-0187  
 FAX 316-321-4720  
 2510 W. 6th Street • El Dorado, KS 67042

**CONFIDENTIAL**

## ACID / CEMENTING LOG ORIGINAL

Date 8-8-03 District \_\_\_\_\_ Ticket No. 4935  
 Company AMERICAN ENERGIES Rig HURICAN  
 Lease GOER Well No. D  
 County Lincoln State KS  
 Location Elmdale - SW - N/5 Field \_\_\_\_\_

CASING DATA:  PTA  Squeeze  Acid  Mini Frac  
 Surface  Intermediate  Production  Liner  
 Size \_\_\_\_\_ Type \_\_\_\_\_ Weight \_\_\_\_\_ Collar \_\_\_\_\_

Casing Depths: Top \_\_\_\_\_ Bottom \_\_\_\_\_  
 Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size \_\_\_\_\_ T.D. \_\_\_\_\_ ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. 0.0178 Lin. ft./Bbl. 56.28  
 Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbls/Lin. ft. .0039 Lin. ft./Bbl. 258.65  
 Tubing: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: From 1228 ft. to 31 ft. Amt. \_\_\_\_\_  
 Packer Setting: \_\_\_\_\_ B-Plug Depth \_\_\_\_\_

CEMENT DATA:  
 Spacer Type: \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield KCC ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

OCT 07 2003

LEAD: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield CONFIDENTIAL ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls

Acid Type 250 15% NE

Pump Truck Used A-20

Bulk Equipment \_\_\_\_\_

Float Equip: Manufacturer \_\_\_\_\_  
 Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_

Float: Type \_\_\_\_\_ Depth \_\_\_\_\_

Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_

Stage Collars \_\_\_\_\_  
 Special Equip. \_\_\_\_\_  
 Disp. Fluid Type \_\_\_\_\_ Amt. \_\_\_\_\_ Bbls. Weight \_\_\_\_\_ PPG \_\_\_\_\_  
 Flush Type 2% KCL Weight 8.5 PPG \_\_\_\_\_

COMPANY REPRESENTATIVE Butch JACKSON

CEMENTER/TREATER NEAL RUDOP

| TIME<br>AM / PM | PRESSURES PSI        |         | FLUID PUMPED DATA |                           |                   | REMARKS                             |
|-----------------|----------------------|---------|-------------------|---------------------------|-------------------|-------------------------------------|
|                 | DRILL PIPE<br>CASING | ANNULUS | TOTAL<br>FLUID    | Pumped Per<br>Time Period | RATE<br>Bbls Min. |                                     |
|                 |                      |         |                   |                           |                   | Tub @ 1232' OPEN ENDED              |
|                 |                      |         |                   | 1.0                       | 3.0               | LOAD hole                           |
|                 |                      |         |                   | 4.5                       |                   | SPOT ACID                           |
|                 |                      |         | 5.5               | 1.0                       |                   | ACID IN - FLUSH                     |
|                 | 750                  |         |                   |                           |                   | SHUT DOWN - SHUT IN ANNULUS         |
|                 | 600                  |         |                   |                           |                   | PSI UP WITH 2% KCL                  |
|                 | 450                  |         | 7.0               | 1.5                       | 2.0               | BREAK + FEED - START TEST OF ACI    |
|                 | 450                  | 12.0    |                   |                           |                   | BEST FLOW IN START FLUSH - INC RATE |
| 9:15            | 200                  | 130     |                   | 5.0                       | 2.0               | FLUSH IN - OVER FLUSH               |
| 9:20            | 200                  |         |                   | 1.0                       |                   | TEST                                |
| 9:25            |                      |         |                   |                           |                   | SHUT IN -<br>RELEASE TO PRT         |

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JAN 04 2005

OCT 09 2003

FROM CONFIDENTIAL KCC WICHITA

FINAL DISP. PRESS: \_\_\_\_\_ PSI BUMP PLUG TO \_\_\_\_\_ PSI BLEEDBACK \_\_\_\_\_ BBLs.  
 ISIP \_\_\_\_\_ PSI 5 MIN \_\_\_\_\_ PSI 10 MIN \_\_\_\_\_ PSI 15 MIN \_\_\_\_\_ PSI

**CONFIDENTIAL**

**United Cementing  
and Acid Co., Inc.**

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**SERVICE TICKET**

OCT 09 2003 **ORIGINAL** 4935

Oil Well Cementing & Acidizing  
(316) 321-4680 • 800-794-0187 • FAX (316) 321-4720  
2510 West 6th Street • El Dorado, KS 67042

KCC WICHITA

DATE 8.8.03

KCC

COUNTY CHASE

CHARGE TO AMERICAN ENERGIES

OCT 07 2003

ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ ST \_\_\_\_\_ ZIP \_\_\_\_\_

LEASE & WELL NO. GIGER D SEC. **CONFIDENTIAL** W.P. \_\_\_\_\_ RNG. \_\_\_\_\_

CONTRACTOR HURRICAN WELL SERVICE TIME ON LOCATION 8:00

KIND OF JOB ACID BREAKDOWN OLD  NEW

| Quantity       | MATERIAL USED          | Serv. Charge  |               |
|----------------|------------------------|---------------|---------------|
| <u>250 GAL</u> | <u>158 NE @ 678¢</u>   | <u>195.00</u> | <u>505.00</u> |
| <u>4 GAL</u>   | <u>K.C.L @ 18.50</u>   | <u>74.00</u>  |               |
|                |                        |               |               |
|                |                        |               |               |
|                |                        |               |               |
|                |                        |               |               |
|                |                        |               |               |
| <u>52</u>      | <u>PUMP TRK. MILES</u> |               | <u>106.60</u> |
|                | <u>PLUGS</u>           |               |               |
|                | <u>SALES TAX</u>       | <u>.0630</u>  | <u>43.19</u>  |
|                | <u>TOTAL</u>           |               | <u>923.79</u> |

RELEASED

JAN 04 2005

FROM CONFIDENTIAL

T.D. \_\_\_\_\_

CSG. SET AT \_\_\_\_\_ VOLUME \_\_\_\_\_

SIZE HOLE Bits 1228-31

TBG SET AT 1232 VOLUME \_\_\_\_\_

MAX. PRESS. 750

SIZE PIPE \_\_\_\_\_

PLUG DEPTH \_\_\_\_\_

PKER DEPTH \_\_\_\_\_

PLUG USED \_\_\_\_\_

TIME FINISHED 10:00

REMARKS: \_\_\_\_\_

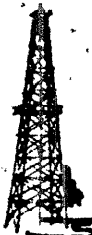
SEE TREATMENT LOG

| NAME               | EQUIPMENT USED |      | NAME | UNIT NO. |
|--------------------|----------------|------|------|----------|
|                    | UNIT NO.       | NAME |      |          |
| <u>GRACE SWANK</u> | <u>A-20</u>    |      |      |          |
| <u>Neal Rupp</u>   | <u>#26</u>     |      |      |          |

CEMENTER OR TREATER

OWNER'S REP.





# United Cementing and Acid Co., Inc.

316-321-4680 • 800-794-0187  
 FAX 316-321-4720  
 2510 W. 6th Street • El Dorado, KS 67042

**CONFIDENTIAL**

## ACID / CEMENTING LOG

ORIGINAL

Date 9-12-03 District \_\_\_\_\_ Ticket No. 4932  
 Company AMERICAN ENG Rig HURFMAN  
 Lease GEGER Well No. D  
 County CLASS State KS  
 Location 3w Elm Dale N15 Field \_\_\_\_\_

CASING DATA:  PTA  Squeeze  Acid  Mini Frac  
 Surface  Intermediate  Production  Liner  
 Size \_\_\_\_\_ Type \_\_\_\_\_ Weight \_\_\_\_\_ Collar \_\_\_\_\_

Casing Depths: Top \_\_\_\_\_ Bottom \_\_\_\_\_

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size \_\_\_\_\_ T.D. \_\_\_\_\_ ft. P.B. to \_\_\_\_\_ ft.

**CAPACITY FACTORS:**

Casing: Bbls/Lin. ft. .0159 Lin. ft./Bbl. 62.89  
 Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbls/Lin. ft. 10.101 Lin. ft./Bbl. 99.0  
 Tubing: Bbls/Lin. ft. 1.0039 Lin. ft./Bbl. 256.4  
 Perforations: From 866 ft. to 70 ft. Amt. \_\_\_\_\_  
 Packer Setting: 815 B-Plug Depth CI BP 910

**CEMENT DATA:**

Spacer Type: \_\_\_\_\_  
 Amt. KCC fts/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

OCT 07 2003

LEAD: Pump Time \_\_\_\_\_ hrs. Type CLASS A  
NEAT CONFIDENTIAL Excess \_\_\_\_\_

Amt. 125 Skys Yield 1.17 fts/sk Density 15.2 PPG \_\_\_\_\_

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_

Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ fts/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

WATER: Lead 5.2 gals/sk Tail \_\_\_\_\_ gals/sk Total 5.5 Bbls

Acid Type \_\_\_\_\_

Pump Truck Used P14

Bulk Equipment B3

Float Equip: Manufacturer \_\_\_\_\_

Shoe: Type \_\_\_\_\_

Float: Type \_\_\_\_\_

Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_

Stage Collars \_\_\_\_\_

Special Equip. \_\_\_\_\_

Disp. Fluid Type \_\_\_\_\_ Amt. \_\_\_\_\_ Bbls. Weight \_\_\_\_\_ PPG \_\_\_\_\_

Flush Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG \_\_\_\_\_

RELEASED

JAN 04 2005

FROM CONFIDENTIAL

COMPANY REPRESENTATIVE RITCH JACKSON

CEMENTER/TREATER NEAL RUPP

| TIME  | PRESSURES PSI |                   | FLUID PUMPED DATA |             |                        | REMARKS   |
|-------|---------------|-------------------|-------------------|-------------|------------------------|---|
|       | AM/PM         | DRILL PIPE CASING | ANNULUS           | TOTAL FLUID | Pumped Per Time Period |   |
| 10:00 |               |                   |                   |             |                        |   |
| 11:45 |               |                   | 500               |             | 10.0                   | KUN TUB & PKR<br>PKR @ 915' LOAD hole<br>SET PKR - PSE ANN - SHUT IN    |
| 11:55 | 1000          |                   |                   |             | 2                      | UBA-TUB INS RATE<br>START CEMENT  |
| 12:03 | 500           | 900               |                   | 260         | 4.0                    | CEMENT @ 915 20SX MIXED<br>CEMENT IN - SHUT DOWN<br>WASH OUT PUMP? LENE |
| 12:06 | 1000          |                   |                   |             | 3.0                    | START DISP  |
|       | 1200          |                   |                   |             | 1.25                   | TUB CLEAR STAGE   |
| 12:27 | 1500          |                   | 3.25              |             | 1.25                   | HOLDING - RELEASE PSE   |
| 12:30 | 1500          |                   |                   |             | 5.0                    | OPEN UNLOADER - REV. CUT  |
| 12:45 | 1500          |                   |                   |             |                        | CLOSE UNLOADER TR - PSE - STAGE   |
|       |               |                   |                   |             |                        | HOLDING   |
|       |               |                   |                   |             | 8.0                    | RELEASE PSE & PKR - WASH DOWN TO 880'                                   |
| 1:15  | 500           | 500               |                   |             |                        | WASH OUT CLEAN - PULL PKR TO 721'                                       |
|       |               |                   |                   |             |                        | SET PKR - RE PSE - SLOW BLEED   |
|       |               |                   |                   |             |                        | RE PSE HELD - SHUT IN   |
|       |               |                   |                   |             |                        | PUT APX 120SX IN FORMATION  |

RECEIVED

OCT 09 2003

KCC WICHITA

FINAL DISP. PRESS: \_\_\_\_\_ PSI BUMP PLUG TO \_\_\_\_\_ PSI BLEEDBACK \_\_\_\_\_ BBLs.  
 ISIP \_\_\_\_\_ PSI 5 MIN \_\_\_\_\_ PSI 10 MIN \_\_\_\_\_ PSI 15 MIN \_\_\_\_\_ PSI



# United Cementing and Acid Co., Inc.

Oil Well Cementing & Acidizing  
 (316) 321-4680 • 800-794-0187 • FAX (316) 321-4720  
 2510 West 6th Street • El Dorado, KS 67042

SERVICE TICKET

ORIGINAL 4932

DATE 8.12.03

COUNTY CHASE

CHARGE TO AMERICAN ENERGIES

KCC

ADDRESS \_\_\_\_\_ CITY OCT 07 2003 ST \_\_\_\_\_ ZIP \_\_\_\_\_

LEASE & WELL NO. BUTER D SEC \_\_\_\_\_ TWP. \_\_\_\_\_ RNG. \_\_\_\_\_

CONTRACTOR HURRIAN WELL SERVICES TIME ON LOCATION 10:00 A

KIND OF JOB Squeeze OLD  NEW

| Quantity | MATERIAL USED                     |                   | Serv. Charge |
|----------|-----------------------------------|-------------------|--------------|
| 1253x    | CLASS A                           | 870 @ 5.92        | 567.35       |
| 1        | 4 1/2 32-A PACKER KENTAL          |                   | 740.00       |
| 1        | 2 3/8 x 4 1/2 STIFFET HEAD KENTAL | RELEASED          | 785.00       |
|          |                                   |                   | 95.00        |
|          |                                   | JAN 04 2005       |              |
|          |                                   | FROM CONFIDENTIAL |              |
| 1253x    | BULK CHARGE                       |                   | 122.50       |
| 50       | BULK TRK. MILES <u>6.25 tons</u>  |                   | 228.13       |
| 50       | PUMP TRK. MILES                   |                   | 102.50       |
|          | PLUGS                             |                   |              |
|          | SALES TAX                         | <u>106.30</u>     | 106.35       |
|          | TOTAL                             |                   | 2806.83      |

T.D. 710 CIBP

CSG. SET AT \_\_\_\_\_ VOLUME \_\_\_\_\_

SIZE HOLE \_\_\_\_\_

TBG SET AT \_\_\_\_\_ VOLUME \_\_\_\_\_

MAX. PRESS. 1500

SIZE PIPE 4 1/2 RECEIVED

PLUG DEPTH \_\_\_\_\_

PKER DEPTH 815 OCT 09 2003

PLUG USED \_\_\_\_\_

TIME FINISHED 1:30 KCC WICHITA

REMARKS:

SEE CEMENT LOG

EQUIPMENT USED

NAME UNIT NO.  
GREG SWANK P14  
Neal Rupp #26  
 CEMENTER OR TREATER

NAME UNIT NO.  
Phillip MALONE B3  
 OWNER'S REP.



**CONFIDENTIAL**  
**United Cementing and Acid Co., Inc.**

Oil Well Cementing & Acidizing  
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 2510 West 6th Street • El Dorado, KS 67042

RECEIVED  
 OCT 09 2003  
 KCC WICHITA

**SERVICE TICKET**  
**ORIGINAL**

DATE 8.14.03

COUNTY WAS

CHARGE TO AMERICAN ENERGIES **KCC**  
 ADDRESS \_\_\_\_\_ CITY OCT 07 2003 ST \_\_\_\_\_ ZIP \_\_\_\_\_  
 LEASE & WELL NO. 233R D SEC \_\_\_\_\_ TWP. \_\_\_\_\_ RNG. \_\_\_\_\_  
 CONTRACTOR HURRICAN WELL SERVICE TIME ON LOCATION 12:00  
 KIND OF JOB ACID TREAT W/ BALLS OLD  NEW

| Quantity  | MATERIAL USED         | Serv. Charge |                          |
|-----------|-----------------------|--------------|--------------------------|
| 1500 GAL  | 15% NE @ 78¢          |              | 340.00                   |
| 40 #      | Perf BALLS @ 1.32 ea. |              | 1170.00                  |
| 1         | Ball Gun Rental       |              | 52.80                    |
| 5 gal     | KCL @ 18.50 gal.      |              | NIC                      |
|           |                       |              | 92.50                    |
|           |                       |              | <b>RELEASED</b>          |
|           |                       |              | JAN 04 2005              |
|           | BULK CHARGE           |              |                          |
|           | BULK TRK. MILES       |              | <b>FROM CONFIDENTIAL</b> |
| <u>50</u> | PUMP TRK. MILES       |              | 102.59                   |
|           | PLUGS                 |              |                          |
|           | SALES TAX             |              |                          |
|           | TOTAL                 | <u>1030</u>  | 37.03                    |
|           |                       |              | 1794.83                  |

T.D. 02BP 710  
 SIZE HOLE PERFS 698-703 72428  
 MAX. PRESS. 750 #  
 PLUG DEPTH \_\_\_\_\_  
 PLUG USED \_\_\_\_\_

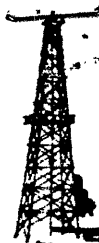
CSG. SET AT \_\_\_\_\_ VOLUME \_\_\_\_\_  
 TBG SET AT \_\_\_\_\_ VOLUME \_\_\_\_\_  
 SIZE PIPE 2 3/8 Tub - 4 1/2 CS?  
 PKER DEPTH \_\_\_\_\_  
 TIME FINISHED 2:00

REMARKS: SEE TREATMENT LOG

**EQUIPMENT USED**

|                       |            |      |          |
|-----------------------|------------|------|----------|
| NAME                  | UNIT NO.   | NAME | UNIT NO. |
| <u>Jim Thomas</u>     | <u>A20</u> |      |          |
| <u>Neal Perry #26</u> |            |      |          |

CEMENTER OR TREATER \_\_\_\_\_ OWNER'S REP. \_\_\_\_\_



# United Cementing and Acid Co., Inc.

316-321-4680 • 800-794-0187  
 FAX 316-321-4720  
 2510 W. 6th Street • El Dorado, KS 67042

## ACID / CEMENTING LOG ORIGINAL

Date 8-14-03 District \_\_\_\_\_ Ticket No. 4977  
 Company AMERICAN ENERGIES Rig HULLMAN  
 Lease PTER Well No. D  
 County WASS State \_\_\_\_\_  
 Location 3 W FIMALE Field \_\_\_\_\_

CASING DATA:  PTA  Squeeze  Acid  Mini Frac  
 Surface  Intermediate  Production  Liner  
 Size \_\_\_\_\_ Type \_\_\_\_\_ Weight \_\_\_\_\_ Collar \_\_\_\_\_

Casing Depths: Top \_\_\_\_\_ Bottom \_\_\_\_\_

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size \_\_\_\_\_ T.D. \_\_\_\_\_ ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. .0159 Lin. ft./Bbl. 62.70  
 Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbls/Lin. ft. .0101 Lin. ft./Bbl. 99.37  
 Tubing: Bbls/Lin. ft. .0039 Lin. ft./Bbl. 258.65  
 Perforations: From 898-703 ft. to 724-28 ft. Amt. \_\_\_\_\_  
 Packer Setting: \_\_\_\_\_ B-Plug Depth 910 CBP

CEMENT DATA:  
 Spacer Type: \_\_\_\_\_  
 Amt. \_\_\_\_\_ Sks Yield KCC ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_  
OCT 07 2003

LEAD: Pump Time CONFIDENTIAL hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_

Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_

Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls \_\_\_\_\_

Acid Type 1500 GAL 15% NE

Pump Truck Used A-20 **RELEASED**

Bulk Equipment \_\_\_\_\_

**JAN 04 2005**

Float Equip: Manufacturer \_\_\_\_\_

Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_

Float: Type FROM CONFIDENTIAL

Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_

Stage Collars \_\_\_\_\_

Special Equip. \_\_\_\_\_

Disp. Fluid Type \_\_\_\_\_ Amt. \_\_\_\_\_ Bbls. Weight \_\_\_\_\_ PPG \_\_\_\_\_

Flush Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG \_\_\_\_\_

COMPANY REPRESENTATIVE BUTCH JACKSON

CEMENTER/TREATER NEAL RUPP

| TIME | PRESSURES PSI |                   | FLUID PUMPED DATA |             |                        | REMARKS                                      |                |  |      |   |                                      |
|------|---------------|-------------------|-------------------|-------------|------------------------|--|----------------|--|------|---|--------------------------------------|
|      | AM / PM       | DRILL PIPE CASING | ANNULUS           | TOTAL FLUID | Pumped Per Time Period |  | RATE Bbls Min. |  |      |   |                                      |
| 1:20 |               | 200               |                   |             |                        | Tub @ 700 ft <del>Start</del> ACID LOAD HOLE |                |  |      |   |                                      |
|      |               |                   |                   |             |                        | 200  |                |  | 10.0 | 2 | HOLE LOADS - SPOT ACID               |
|      |               |                   |                   |             |                        |  |                |  | 2.0  | 2 | ACID IN - START HCL H <sup>2</sup> O |
|      |               |                   |                   |             |                        |  |                |  | 1.0  |   | ACID ON SPOT - SHUT DOWN - MOVE TUB  |
|      |               |                   |                   |             |                        | TUB @ 669 FT - SHUT ANNULUS                  |                |  |      |   |                                      |
|      |               |                   |                   |             |                        | START ACID                                   |                |  |      |   |                                      |
|      |               | 750               |                   |             |                        | PSE UP BREAK ESTAD RATE - FEED               |                |  |      |   |                                      |
|      |               | 750               |                   | 12.0        | 10.0                   | 12 ACID IN - START BALLS                     |                |  |      |   |                                      |
|      |               | 750               |                   | 15.5        | 3.5                    | BALLS @ PITS - SLIGHT BALL ACTION            |                |  |      |   |                                      |
|      |               | 800               |                   | 24.0        | 8.5                    | BALLS IN                                     |                |  |      |   |                                      |
|      |               | 750               |                   | 27.5        | 3.5                    | BALLS AWAY                                   |                |  |      |   |                                      |
|      |               | 750               |                   | 36.0        | 8.5                    | ACID IN - ON FLUSH                           |                |  |      |   |                                      |
|      |               | 750               |                   | 39.5        | 3.5                    | ACID FLUSHED - OVER FLUSH                    |                |  |      |   |                                      |
| 1:45 |               | 500               |                   | 40.5        | 1.0                    | ISIP - SHUT IN                               |                |  |      |   |                                      |
| 1:55 |               | 500               |                   |             |                        | RELEASE TO PIT                               |                |  |      |   |                                      |
|      |               |                   |                   |             |                        | LOAD 47.5 BBLs WITH ANNULUS                  |                |  |      |   |                                      |

**RECEIVED**  
**OCT 09 2003**  
**KCC WICHITA**

FINAL DISP. PRESS: \_\_\_\_\_ PSI BUMP PLUG TO \_\_\_\_\_ PSI BLEEDBACK \_\_\_\_\_ BBLs.  
 ISIP 500 PSI 5 MIN \_\_\_\_\_ PSI 10 MIN 500 - RELEASE PSE PSI 15 MIN \_\_\_\_\_ PSI



**CONFIDENTIAL**  
**United Cementing and Acid Co., Inc.**

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 2510 West 6th Street • El Dorado, KS 67042

**SERVICE TICKET**  
**ORIGINAL**

DATE 8-1-03

COUNTY Chase

CHARGE TO American Energies **KCC**

ADDRESS \_\_\_\_\_ CITY OCT 07 2003 ST \_\_\_\_\_ ZIP \_\_\_\_\_

LEASE & WELL NO. Giger D SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RNG. \_\_\_\_\_

CONTRACTOR McPherson Rig **CONFIDENTIAL** TIME ON LOCATION 7:30 A

KIND OF JOB Production Casing OLD  NEW

| Quantity | MATERIAL USED                               | 1754 | Serv. Charge      | 710.42                     |
|----------|---|------|-------------------|----------------------------|
| 2005x    | U.S.C @8.25                                 |      |                   | 11650.00                   |
| 25x      | GEL @9.74                                   |      |                   | 19.40                      |
| 1        | NON-AUTO FILL FLOAT SHOES (BALL TYPE) 4 1/2 |      |                   | 97.50                      |
| 9        | SLIM HOLE CENTERIZERS 4 1/2 @29.70 ea.      |      |                   | 267.30                     |
|          |   |      | <b>RELEASED</b>   |                            |
| 202      | BULK CHARGE                                 |      | JAN 04 2005       | 1077.90                    |
| 52       | BULK TRK. MILES 10.10 tons                  |      | FROM CONFIDENTIAL | 383.40                     |
| 52       | PUMP TRK. MILES                             |      |                   | 106.60                     |
| 1        | PLUGS 4 1/2 Top Rubber                      |      |                   | 38.00                      |
|          | SALES TAX                                   |      | .0030             | <del>1167.10</del> 1167.10 |
|          | TOTAL                                       |      |                   | 3037.75                    |

T.D. 1754

CSG. SET AT 1753 VOLUME \_\_\_\_\_

SIZE HOLE 6 1/4

TBG SET AT \_\_\_\_\_ VOLUME \_\_\_\_\_

MAX. PRESS. \_\_\_\_\_

SIZE PIPE 4 1/2 USED

PLUG DEPTH 1754

PKER DEPTH \_\_\_\_\_

PLUG USED Top Rubber

TIME FINISHED 12:00P

REMARKS: \_\_\_\_\_ **RECEIVED**

SEE CEMENT LOG

**OCT 09 2003**

**KCC WICHITA**

3 MI WEST OF ELMDALE

**EQUIPMENT USED**

NAME Chet Johnson UNIT NO. P14  
Neal Rupp #26  
 CEMENTER OR TREATER

NAME Phillip Malone UNIT NO. B7  
 OWNER'S REP.

CONFIDENTIAL



# United Cementing and Acid Co., Inc.

316-321-4680 • 800-794-0187  
FAX 316-321-4720

2510 W. 6th Street • El Dorado, KS 67042

## ACID / CEMENTING LOG

CEMENT DATA:

# KCC ORIGINAL

Spacer Type: \_\_\_\_\_  
Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

OCT 07 2003

Date 8.1.03 District \_\_\_\_\_ Ticket No. 4990  
Company AMERICAN ENERGIES Rig MC PATTON  
Lease 2592 Well No. 0  
County CLATSOP State KS.  
Location SW Elm Dale Field \_\_\_\_\_

LEAD: Pump Time \_\_\_\_\_ hrs. Type U.S.C  
6.2.10 Excess \_\_\_\_\_

Amt. 200 Skys Yield 1.57 ft<sup>3</sup>/sk Density 14.5 PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
Excess \_\_\_\_\_

Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG  
WATER: Lead 7.66 gals/sk Tail \_\_\_\_\_ Total 36.5 Bbls

RELEASED

Acid Type \_\_\_\_\_  
Pump Truck Used F14 JAN 04 2005

Bulk Equipment B7

FROM CONFIDENTIAL

Float Equip: Manufacturer IND. RUBBER

Shoe: Type NAF - BALL TYPE Depth 1753

Float: Type \_\_\_\_\_ Depth \_\_\_\_\_

Centralizers: Quantity 9 (from hole) Plugs Top 1 Btm. \_\_\_\_\_

Stage Collars \_\_\_\_\_  
Special Equip. \_\_\_\_\_

Disp. Fluid Type FRESH H<sub>2</sub>O Amt. 28.75 Bbls. Weight 8.3 PPG

Flush Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

CASING DATA:  PTA  Squeeze  Acid  Mini Frac  
 Surface  Intermediate  Production  Liner

Size 4 1/2 Type USED Weight 9.5 Collar LONG

Casing Depths: Top 7" Bottom 4 1/2"

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
Open Hole: Size 6 1/4 T.D. 1754 ft. P.B. to 1753 ft.

CAPACITY FACTORS:  
Casing: Bbls/Lin. ft. .0163 Lin. ft./Bbl. 61.54  
Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
Annulus: Bbls/Lin. ft. .0193 Lin. ft./Bbl. 54.7197  
Tubing: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_  
Packer Setting: \_\_\_\_\_ B-Plug Depth \_\_\_\_\_

COMPANY REPRESENTATIVE BUTCH JACKSON

CEMENTER/TREATER NEAL RUPP

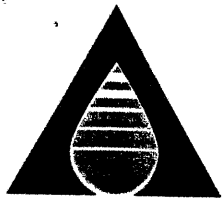
| TIME   | PRESSURES PSI |                   | FLUID PUMPED DATA |             |                        | REMARKS |                               |
|--------|---------------|-------------------|-------------------|-------------|------------------------|---------|-------------------------------|
|        | AM / PM       | DRILL PIPE CASING | ANNULUS           | TOTAL FLUID | Pumped Per Time Period |         | RATE Bbls Min.                |
| 7:30   |               |                   |                   |             |                        |         |                               |
| 10:15A |               |                   |                   |             |                        |         |                               |
| 10:45  |               |                   |                   |             |                        |         |                               |
|        |               | 100               |                   |             | 3.0                    | 2.5     | RUN - 4 1/2 CASING TO 1754'   |
|        |               | 100               |                   |             | 28.75                  | 2.5     | TO BOTTOM + CIRCULATE         |
| 11:10  |               | 0                 |                   | 57.0        | 27.25                  | 2.5     | START GEL FLUSH (15X)         |
|        |               |                   |                   |             |                        |         | START CEMENT                  |
|        |               |                   |                   |             |                        |         | CEMENT @ SHOE (102 SK MIXED)  |
|        |               |                   |                   |             |                        |         | CEMENT IN SHUT DOWN           |
|        |               |                   |                   |             |                        |         | WASH OUT PUMP + LINES         |
|        |               | 300               |                   |             |                        | 3.0     | RELEASE PLUG START DISP       |
|        |               | 650               |                   |             | 16.0                   | 3.0     | CIRCULATE CEMENT TO SURFACE   |
|        |               | 800               |                   | 27.0        | 11.0                   | 2.5     | FINAL DISP PSI - GOOD RETURNS |
| 11:20  |               | 1500              |                   | 28.75       | 1.75                   |         | BUMP PLUG                     |
| 11:25  |               | 0                 |                   |             |                        |         | RELEASE PSI - FLOAT SHOE WELD |
| 11:30  |               |                   |                   |             |                        |         | JOB COMPLETE                  |
|        |               |                   |                   |             |                        |         | CIRCULATED Apx. 455X TO RTV   |

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FINAL DISP. PRESS: \_\_\_\_\_ PSI BUMP PLUG TO \_\_\_\_\_ PSI BLEEDBACK \_\_\_\_\_ BBLs.  
ISIP \_\_\_\_\_ PSI 5 MIN \_\_\_\_\_ PSI 10 MIN \_\_\_\_\_ PSI 15 MIN \_\_\_\_\_ PSI



American Energies  
Corporation

October 7, 2003

CONFIDENTIAL

Kansas State Corporation Commission  
130 South Market, Room 2078  
Wichita, KS 67202

RELEASED

JAN 04 2005

FROM CONFIDENTIAL

KCC

OCT 07 2003

CONFIDENTIAL

RE: Giger D #1  
NW NW NW Section 20-T19S-R7E  
Chase County, Kansas

To Whom it May Concern:

Please be advised, American Energies Corporation wishes to hold all information regarding the above listed wells **confidential** for a period of 12 months.

Thank you!

Sincerely,

Melinda S. Wooten  
Production Manager

MSW/tbm  
cc

10-7-04

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OCT 09 2003

KCC WICHITA

155 North Market, Suite 710  
Wichita, Kansas 67202  
316-263-5785