



KANSAS CORPORATION COMMISSION 1058723  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., 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       Conv. to SWD
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(Attach Additional Sheets)</i><br><br>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No<br><br>Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No<br>Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No<br>Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(If no, Submit Copy)</i><br><br>List All E. Logs Run: | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br><br>Name Top Datum |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|

| CASING RECORD <input 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 | # Sacks Used | Type and Percent Additives |
|                                                                           |                   |                           |                   |               |                |              |                            |
|                                                                           |                   |                           |                   |               |                |              |                            |
|                                                                           |                   |                           |                   |               |                |              |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD                                                |                  |                |              |                            |
|--------------------------------------------------------------------------------------|------------------|----------------|--------------|----------------------------|
| Purpose:                                                                             | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| _____ Perforate<br>_____ Protect Casing<br>_____ Plug Back TD<br>_____ 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><i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------|
|                |                                                                                           |                                                                                          |       |
|                |                                                                                           |                                                                                          |       |
|                |                                                                                           |                                                                                          |       |
|                |                                                                                           |                                                                                          |       |

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

|                                   |           |         |             |               |         |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| Estimated Production Per 24 Hours | Oil Bbbs. | Gas Mcf | Water Bbbs. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|

|                                                                                                                                                                   |                                                                                                                                                                                                                                                                       |                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| DISPOSITION OF GAS:<br><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br><i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION:<br><input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled<br><i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i><br><input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL:<br>_____<br>_____ |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|

|           |                        |
|-----------|------------------------|
| Form      | ACO1 - Well Completion |
| Operator  | ARES Energy, LTD       |
| Well Name | Wells 13-13            |
| Doc ID    | 1058723                |

Tops

| Name          | Top  | Datum |
|---------------|------|-------|
| Anhydrite     | 1329 | 791   |
| Heebner       | 3552 | -1432 |
| Lansing       | 3598 | -1478 |
| Pawnee        | 3984 | -1864 |
| Ft. Scott     | 4045 | -1864 |
| Cherokee      | 4067 | -1947 |
| Mississippian | 4129 | -2009 |
| Viola         | 4328 | -2208 |

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

June 30, 2011

Henry N. Clanton  
ARES Energy, LTD  
405 N. MARIENFELD, STE 250  
MIDLAND, TX 79701

Re: ACO1  
API 15-135-25252-00-00  
Wells 13-13  
SW/4 Sec.13-18S-21W  
Ness County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
Henry N. Clanton

# LITHOLOGY STRIP LOG

## WellSight Systems

Scale 1:240 (5"=100') Imperial  
Measured Depth Log

Well Name: WELLS 13-13  
Location: NW, SW, SE, SW Sec. 13 - 18S - 21W, Ness Co., KS  
License Number: 15-135-25252-0000  
Spud Date: 06/03/11  
Surface Coordinates: 405' FSL & 1393' FWL  
X: 1685327, Y: 662593  
Region: Elmore Southwest  
Drilling Completed: 06/10/11  
Bottom Hole Coordinates:  
Ground Elevation (ft): 2107' K.B. Elevation (ft): 2120'  
Logged Interval (ft): 3300' To: 4380' Total Depth (ft): 4380'  
Formation: CHEROKEE, MISS.  
Type of Drilling Fluid: Chemical Mud

Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

### OPERATOR

Company: ARES ENERGY, LTD  
Address: 405 N. Marienfield, Suite 250  
Midland, TX 79701  
Co. Rep.: Mr. Henry Clanton

### GEOLOGIST

Name: Justin D. Carter  
Company:  
Address: 1020 N. Jordan Ave.  
Liberal, KS 67901  
Home: 620-624-2842, Cell: 620-655-1187

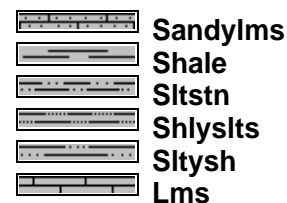
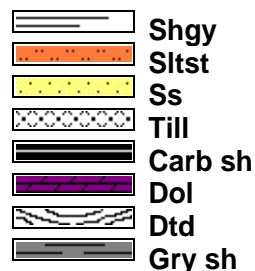
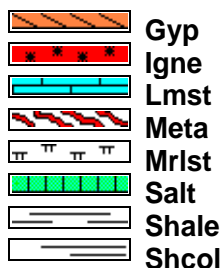
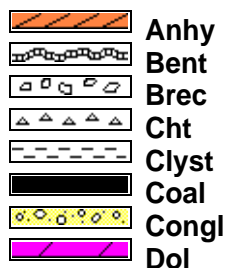
### DST #1

4064' - 4124' 15-60-30-120  
IF: STRNG BLOW, BOB 1 MIN 30 SEC., ISI: NO BB, FF: STRNG BLOW, BOB IN 6 MIN., FSI: SURFACE BB FOR 4 MIN.  
IF: 183-307, FF: 346-427, ISI: 469, FSI: 469, IH: 2072, FH: 2026  
RECOV: 790' TOTAL, 294' SLI G&WMCO, 310' SLI G&WOCM, 186' MOCW  
BHT: 119 DEG, CHL: 38,000

### DST #2

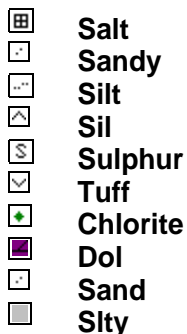
4069' - 4084' STRADDLE 294' TAIL 15-60-30-90  
IF: STRNG BLOW, BOB IN 3 MIN., ISI: BOB 14 MIN., FF: STRNG BLOW, BOB 6.5 MIN., FSI: BOB 14 MIN.  
IF: 86-161, FF: 181-254, ISI: 433, FSI: 419, IH: 2020, FH: 1941  
RECOV: 651' TOTAL, 403' GSSY OIL, 248' MW, 806' GIP  
BHT: 118 DEG, GRAV: 40 DEG, RW=0.134 @ 88 DEG,  
CHL: 47,000

## ROCK TYPES

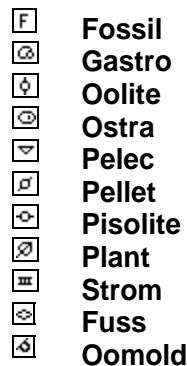
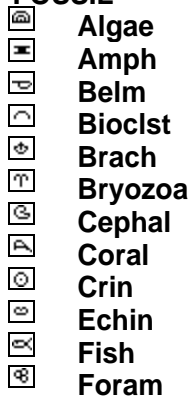


## ACCESSORIES

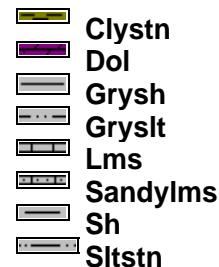
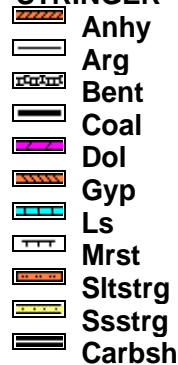
### MINERAL



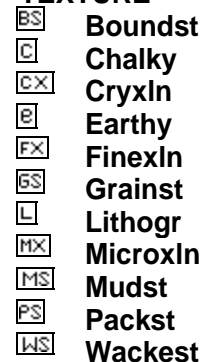
### FOSSIL



### STRINGER

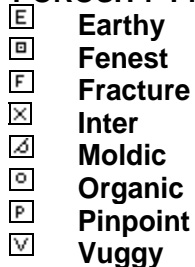


### TEXTURE



## OTHER SYMBOLS

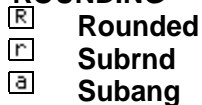
### POROSITY TYPE



### SORTING



### ROUNDING



### OIL SHOWS

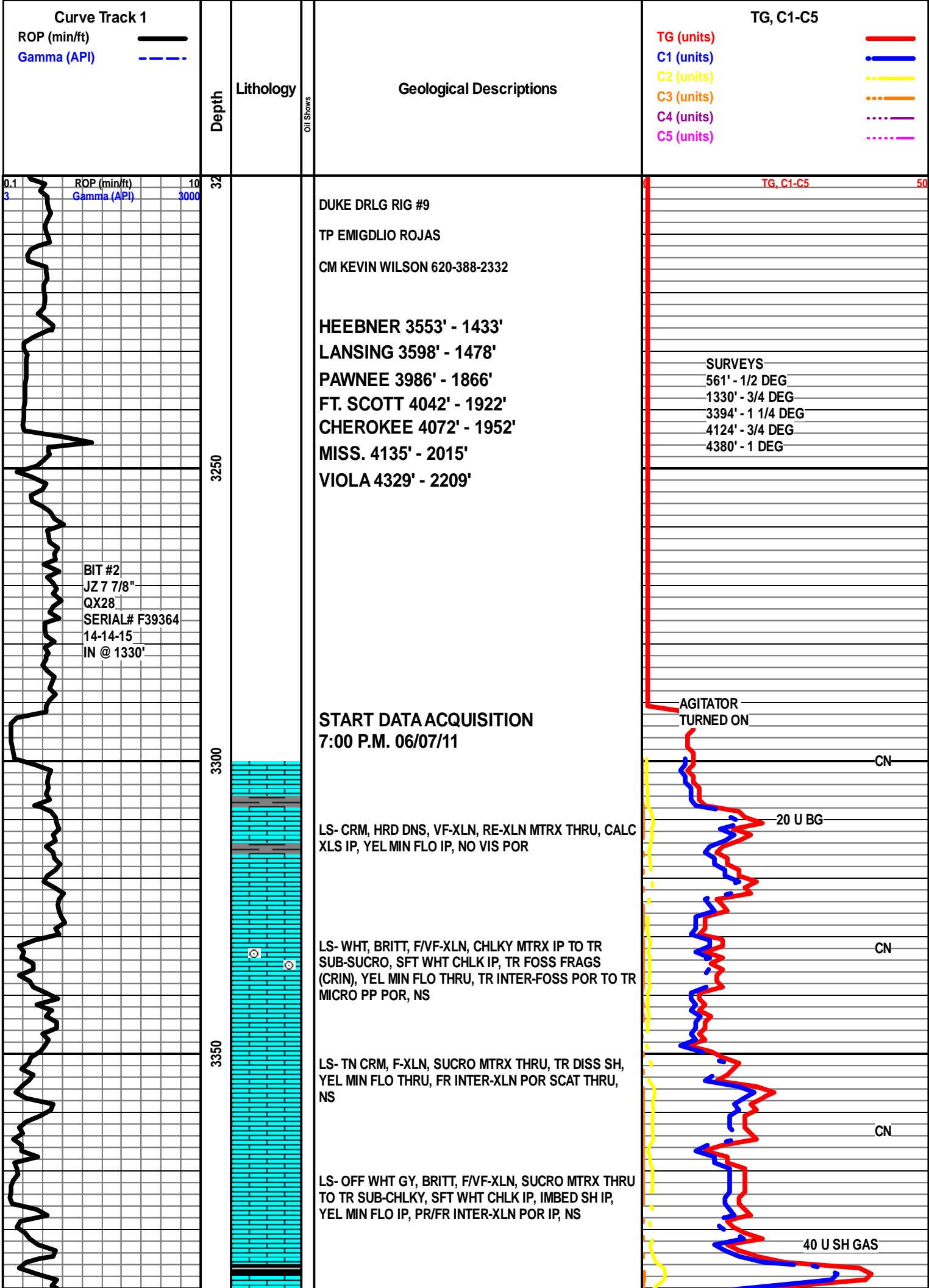


### INTERVALS



### EVENTS





DISPLACE HOLE @ 3394'

12:00 A.M. 06/08/11

LS- BFF, HRD DNS, VF/CRYPTO-XLN, RE-XLN MTRX THRU, TR SFT WHT CHLK, DLL YEL MIN FLO THRU, NO VIS POR

LS- CRM OFF WHT, HRD DNS TO BRITT, VF-XLN, SUB-CHLKY MTRX IP TO TR RE-XLN, TR SFT WHT CHLK, DLL YEL MIN FLO THRU, NO VIS POR

LS- CRM, HRD DNS TO BRITT IP, VF-XLN, SUCRO MTRX IP, FOSS FRAGS IMBED IP (CRIN), DLL YEL MIN FLO THRU, TR INTER-FOSS POR TO NO VIS POR THRU, NS

LS- CRM WHT, BRITT, VF-XLN, SUB-SUCRO MTRX IP TO TR SUB-CHLKY, SFT WHT CHLK IP, TR FOSS FRAGS (CRIN), NO FLO, TR INTER-FOSS POR TO NO VIS POR THRU, NS

LS- CRM WHT, BRITT, F/VF-XLN, SUCRO MTRX IP TO SUB-SUCRO IP, OOLICASTS THRU, TR SFT WHT CHLK, TR YEL MIN FLO, FR/GD INTER-MLD POR THRU, NS

LS- CRM, BRITT, F/VF-XLN, SUB-SUCRO MTRX THRU, OOLICASTS THRU, TR DLL YEL MIN FLO, GD INTER-MLD POR THRU, NS

LS- CRM TN, BRITT TO HRD DNS IP, F/VF-XLN, SUCRO MTRX IP TO SUB-SUCRO IP, OOLICASTS SCAT THRU, TR DLL YEL MIN FLO, GD INTER-MLD POR IP TO TR PP POR, NS

LS- CRM LT TN, HRD DNS, F-XLN, SUB-SUCRO MTRX IP TO TR RE-XLN, ABDT MD CALC XLS CLUST IP, IMBED DK GY SH IP, NO FLO, NO VIS POR

**HEEBNER 3553' - 1433'**

SH- GY GRN, FRM TO SFT, LMY THRU, BLKY

LS- WHT, BRITT, F/VF-XLN, CHLKY MTRX IP TO SUCRO MTRX IP, TR SFT WHT CHLK, NO FLO, TR INTER-XLN POR TO NO VIS POR IP, NS

**LANSING 3598' - 1478'**

LS- CRM LT TN, BRITT, F-XLN, SUCRO MTRX THRU, OOLICASTS THRU, TR IMBED OOL, NO FLO, GD INTER MLD POR THRU, NS

ROP (min/ft) 10  
Gamma (API) 3000

WT 9.1  
VIS 55  
LCM 0#  
RPM 75  
WOB 40K  
PP 1000  
SPM 60

ROP (min/ft) 10  
Gamma (API) 3000

3400  
3450  
3500  
3550  
3600

CN

TG, C1-C5

50

CN

5 U BG

CN

CN

4 U BG

CN

5 U SH GAS

CN

5 U BG

CN

TG, C1-C5

50



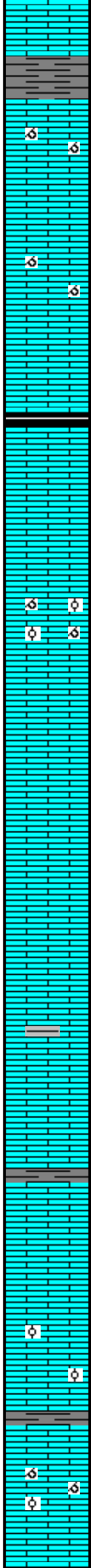
WT 9.0  
VIS 47  
LCM 0#  
RPM 75  
WOB 40K  
PP 1250  
SPM 60

-CFS-

WT 9.0  
VIS 45  
LCM 0#  
WL 9.2  
CHL 5,500  
RPM 70  
WOB 40K  
PP 700  
SPM 58

ROP (min/ft) 0.1 10  
Gamma (API) 3 3000

3650  
3700  
3750  
3800



INTER-MLD POR THRU, NS

LS- CRM OFF WHT, BRITT, VF-XLN, RE-XLN MTRX IP TO SUB-SUCRO IP TO TR SUB-CHLKY, OOLICASTS IP, NO FLO, FR INTER-MLD POR IP TO NO VIS POR IP, NS

LS- CRM TN, HRD DNS, F/VF-XLN, RE-XLN MTRX IP TO SUCRO IP, TR CALC XLS, OOLICASTS IP, NO FLO FR INTER-MLD POR IP TO NO VIS POR IP, NS

LS- CRM BFF, HRD DNS, VF-XLN, RE-XLN MTRX IP, NO FLO, NO VIS POR

LS- CRM, BRITT, F-XLN, SUCRO MTRX THRU, CALC XLS IMBED IP, NO FLO, P RINTER-XLN POR THRU, NS

LS- CRM, HRD DNS TO BRITT, F/VF-XLN, SUCRO MTRX IP TO SUB-SUCRO IP, IMBED OOL IP, OOLICASTS IP, TR CALC XLS, DLL YEL MIN FLO THRU, FR INTER-MLD POR IP TO TR INTER-XLN POR, NS

LS- BFF, HRD DNS, F/VF-CLN, RE-XLN MTRX IP TO TR SUCRO, CALC XLS IP, DLL YEL MIN FLO THRU, NO VIS POR

LS- BFF CRM, HRD DNS, F/VF-XLN, RE-XLN MTRX THRU, ABDT MD CALC XLS SCAT THRU, DLL YEL MIN FLO THRU, NO VIS POR

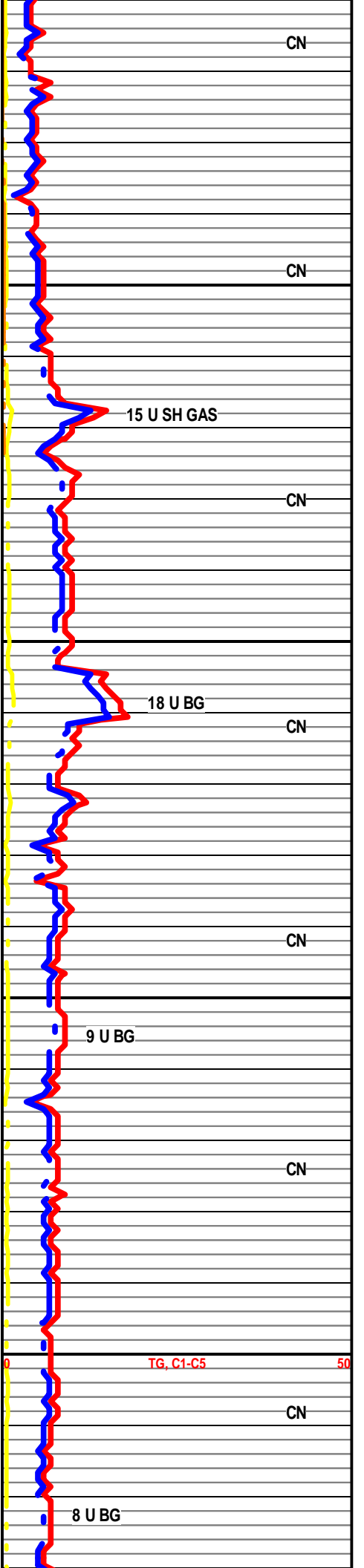
LS- BFF CRM, HRD DNS, F/VF-XLN, RE-XLN MTRX THRU TO TR SUCRO, IMBED DK GY SH IP, TR PACKST, TR CALC XLS, DLL YEL MIN FLO IP, NO VIS POR

LS- CRM, HRD DNS, VF-XLN, RE-XLN MTRX IP, DLL YEL MIN FLO THRU, NO VIS POR

LS- LT TN WHT, HRD DNS TO BRITT IP, VF-XLN, RE-XLN MTRX IP TO TR SUB-CHLKY, DLL YEL MIN FLO THRU, NO VIS POR

LS- OFF WHT CRM, BRITT, VF-XLN, SUB-SUCRO MTRX IP SCAT THRU TO TR SUB-CHLKY TO TR RE-XLN, IMBED OOL IP, DLL YEL MIN FLO THRU, NO VIS POR

LS- CRM, BRITT, F/VF-XLN, SUB-SUCRO MTRX IP TO SUCRO IP, OOLICASTS THRU, TR OOL, CALC XLS SCAT THRU, DLL YEL MIN FLO THRU, GD INTER-MLD POR THRU, NS



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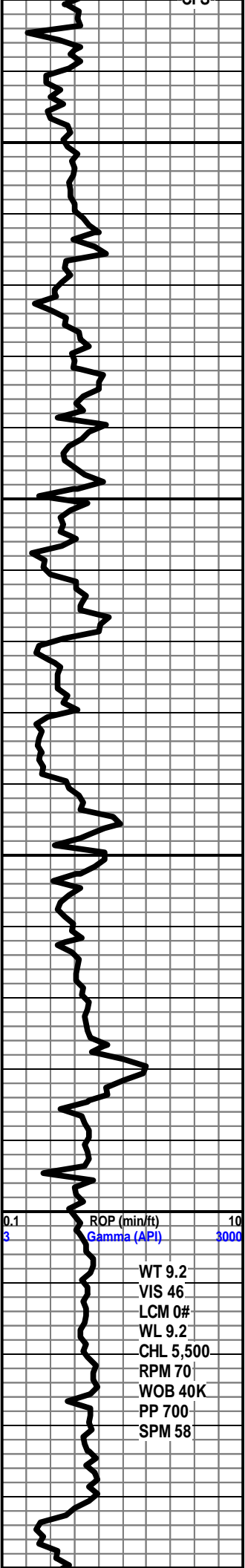
15 U SH GAS

18 U BG

9 U BG

8 U BG

TG, C1-C5



3850

3900

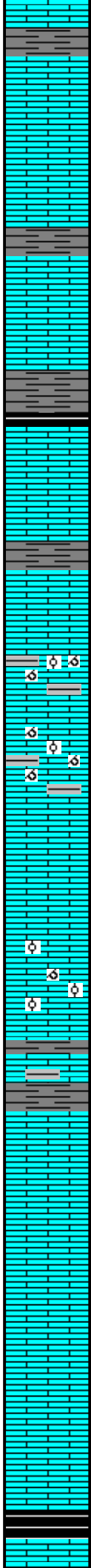
3950

4000

50

0.1 ROP (min/ft) 10  
3 Gamma (API) 3000

WT 9.2  
VIS 46  
LCM 0#  
WL 9.2  
CHL 5,500  
RPM 70  
WOB 40K  
PP 700  
SPM 58



LS- CRM BFF, HRD DNS, VF-XLN, RE-XLN MTRX THRU, NO FLO, NO VIS POR

LS- LT GY WHT, HRD DNS, VF-XLN, RE-XLN MTRX IP TO SUB-CHLKY IP, NO FLO, NO VIS POR

LS- CRM, BRITT TO HRD DNS IP, F/VF-XLN, SUB-SUCRO MTRX THRU TO TR SUCRO MTRX TO TR RE-XLN, TR DLL YEL MIN FLO, TR INTER-XLN POR TO POSS FRAC POR, NS

LS- BFF, HRD DNS, CRYPTO-XLN, RE-XLN MTRX THRU, YEL MIN FLO THRU, NO VIS POR

12:00 A.M. 06/09/11

LS- LT TN, BRITT, VF-XLN, SUB-SUCRO MTRX THRU, OOLICASTS THRU, TR OOL, DLL YEL FLO THRU, NO VIS CUT, GD INTER-MLD POR IP, TR LT STAIN, NO ODOR, NS

LS- CRM LT TN, BRITT TO HRD DNS IP, F/VF-XLN, SUB-SUCRO MTRX THRU, OOLICASTS SCAT THRU, TR IMBED OOL, TR LAM SH, TR DLL YEL MIN FLO, FR INTER-MLD POR IP, NS

LS- BFF TN, HRD DNS, VF-XLN, RE-XLN MTRX IP, NO FLO, NO VIS POR

LS- GY CRM, HRD DNS, VF-XLN, RE-XLN MTRX IP TO TR SUB-SUCRO, IMBED OOL IP, TR OOLICASTS, TR DLL YEL MIN FLO, TR PR INTER-MLD POR TO NO VIS POR THRU, NS

PAWNEE 3986' - 1866'

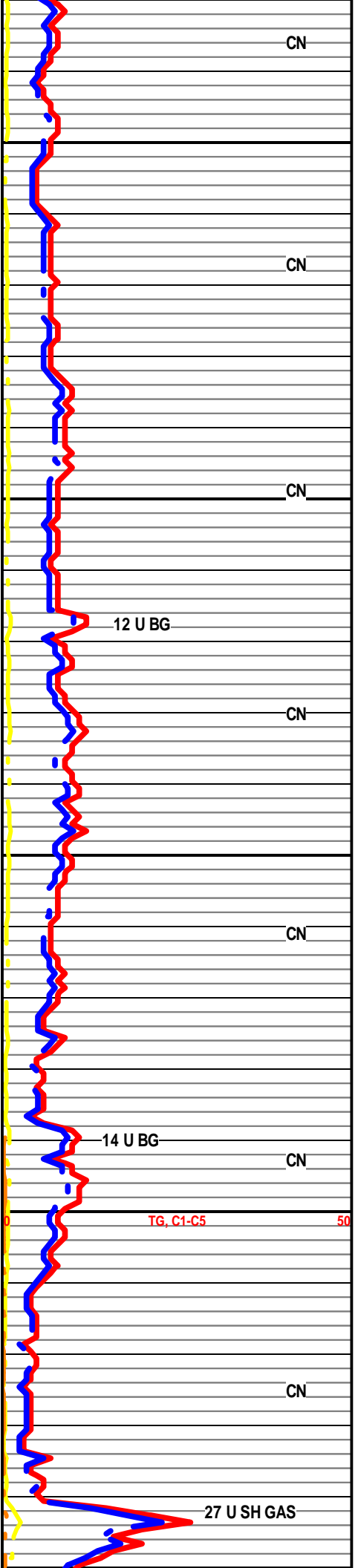
LS- CRM BFF, HRD DNS, VF/CRYPTO-XLN, RE-XLN MTRX IP TO TR SUB-CHLKY, DLL YEL MIN FLO THRU, NO VIS POR

LS- LT GY, HRD DNS, VF-XLN, RE-XLN MTRX THRU, TR DLL YEL MIN FLO, NO VIS POR

LS- LT CRM, HRD DNS, VF-XLN, RE-XLN MTRX IP, DLL YEL MIN FLO THRU, NO VIS POR

LS- LT GY, HRD DNS, CRYPTO-XLN, RE-XLN MTRX IP, DLL YEL MIN FLO IP, NO VIS POR

FT. SCOTT 4042' - 1922'



CN

CN

CN

12 U BG

CN

CN

14 U BG

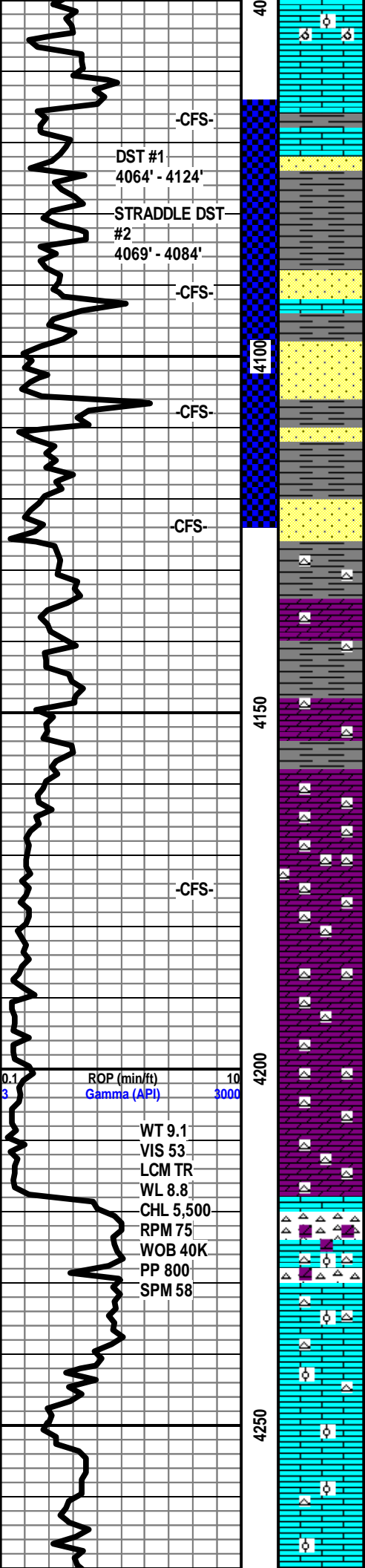
CN

TG, C1-C5

CN

27 U SH GAS

50



LS- TN CRM, BRITT, VF-XLN, SUB-SUCRO MTRX THRU, OOLICASTS IP, TR IMBED OOL, YEL FLO THRU, NO VIS CUT, FR INTER-MLD POR THRU, NS

**CHEROKEE 4072' - 1952'**

SS- CLR GRN, TT, VF-GRNS, GD SRT, SUB-ANG TO RND GRNS, CALC CMNT, NO FLO, NO VIS CUT, TR INTER-GRN POR TO NO VIS POR THRU, NS

SS- GY CLR FRSTY, TT TO FRI IP, F-GRNS, FR/GD SRT, ANG TO SUB-ANG GRNS, CALC CMNT, CLR QTZ XLS SCAT THRU, IMBED BLK SH IP, NO FLO TO YEL FLO WHEN CUT, NO FLUSH CUT TO FAINT SLO BLU STRM CUT, FR INTER-GRN POR THRU, NO STAIN, NO ODOR

SS- WHT CRM, FRI, MD/F-GRNS, PR SRT, SUB-ANG TO RND GRNS, CALC CMNT TO TR SILI SS, IMBED SH IP, BRIT YEL FLO TO BRIT YEL GLD FLO WHEN CUT, TR FLUSH CUT TO FAINT BLU STRM CUT, FR INTER-GRN POR THRU TO TR GD INTER-GRN POR, LT STAIN IP, FAINT OIL ODOR

**12:00 A.M. 06/10/11**

SS- WHT CLR, TT TO FRI IP, MD/F-GRNS, PR SRT, SUB-RND GRNS, CALC CMNT, TR SFT WHT CHLK, IMBED GRN SH IP, NO FLO TO TR YEL FLO WHEN CUT, FAINT BLU STRM CUT, FR/GD INTER-GNR POR, NO STAIN, NO ODOR

**MISS. 4135' - 2015'**

DOLO- CRM WHT, HRD DNS, VF-XLN, SUCRO MTRX THRU TO TR RE-XLN, TR SFT WHT CHLK, YEL OPQ CHRT IP, NO FLO, NO VIS POR

DOLO- WHT, HRD DNS, F/VF-XLN, SUCRO MTRX IP TO SUB-CHLKY IP, TR VUGS, YEL WHT CHRT IP, NO FLO, PR INTER-VUG POR IP TO NO VIS POR IP, NS

DOLO- WHT, HRD DNS TO BRITT IP, VF-XLN, SUCRO MTRX THRU TO TR SUB-CHLKY, BRIT YEL/BLU GLD FLO IN 80%, NO FLUSH CUT TO PR SLO BLU STRM CUT, TR INTER-XLN POR TO NO VIS POR IP, NO ODOR, TR LT STAIN

DOLO- WHT, HRD DNS, VF-XLN, SUCRO MTRX THRU TO TR RE-XLN, SAMPLE 60% DOLO 40% WHT CHRT, TR DLL YEL FLO, NO VIS CUT, TR INTER-XLN POR TO POSS FRAC POR, NS

DOLO- BFF TN, HRD DNS, VF-XLN, SUCRO MTRX THRU, TR VUGS, ABDT WHT CHRT THRU, TR YEL MIN FLO, TR INTER-VUG POR TO NO VIS POR THRU, NS

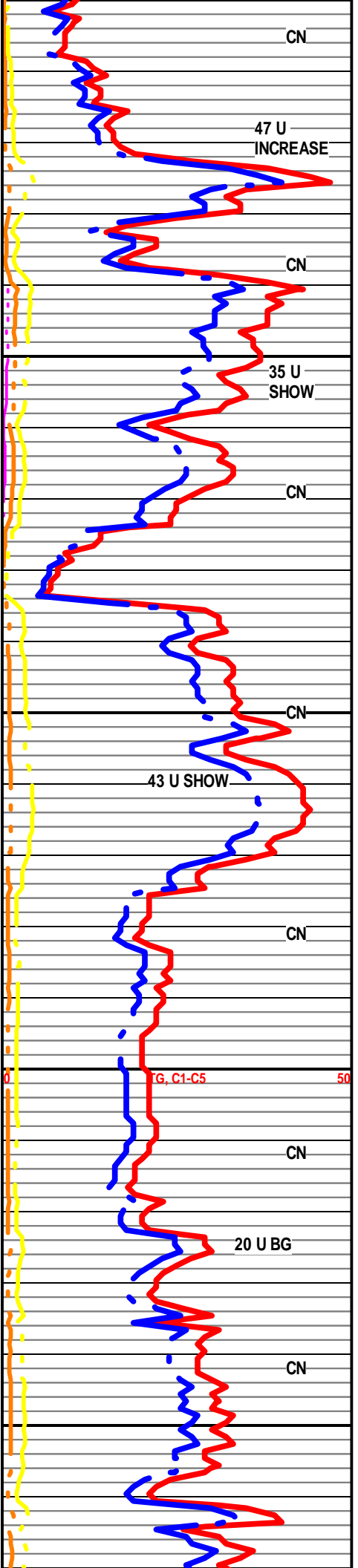
LS- WHT BFF, HRD DNS, VF-XLN, SUCRO MTRX THRU, ABDT WHT CHRT THRU, NO FLO, PR INTER-XLN POR THRU, NS

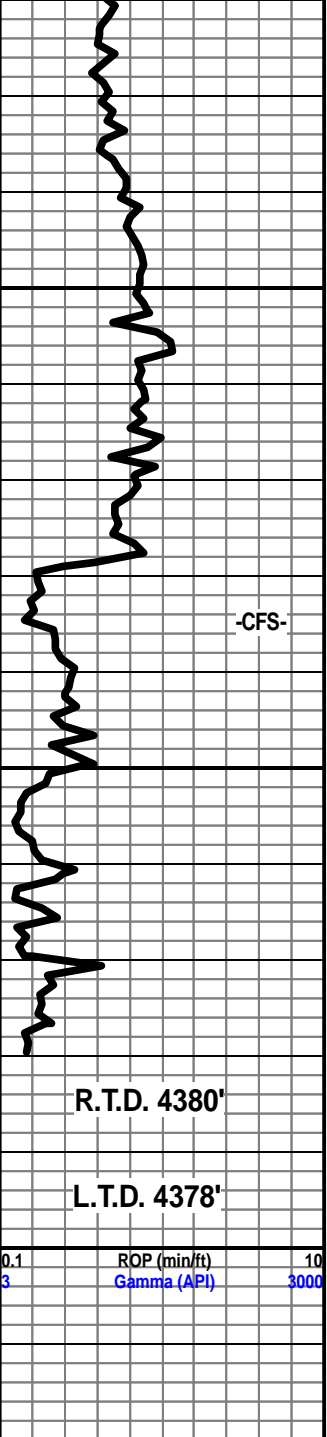
LS- LT TN, HRD DNS, VF-XLN, TR RE-XLN MTRX, OOL IMBED THRU, ABDT WHT OPQ CHRT THRU, NO FLO, NO VIS POR

LS- CRM BFF, HRD DNS, VF-XLN, RE-XLN MTRX THRU, TR CALC XLS, CHRT IP, TR IMBED OOL, NO FLO, NO VIS POR

LS- CRM, HRD DNS, VF-XLN, RE-XLN MTRX THRU, IMBED OOL IP, NO FLO, TR INTER-OOL POR, NS

LS- CRM TN, HRD DNS, VF-XLN, RE-XLN MTRX THRU, IMBED OOL IP, NO FLO, NO VIS POR





4300  
4350  
4400

-CFS-

R.T.D. 4380'

L.T.D. 4378'

0.1 ROP (min/ft) 10  
3 Gamma (API) 3000



LS- CRM WHT, HRD DNS, VF-XLN, SUCRO MTRX THRU TO TR CHLKY, SLI DOLOMITZ, TR YEL FLO, NO VIS CUT, PR INTER-XLN POR TO NO VIS POR THRU, NS

LS- CRM, HRD DNS, F/VF-XLN, SUCRO MTRX THRU, DOLOMITZ, NO FLO, NO VIS POR

SH- GY GRN DK GY, SFT, LMY THRU, BLKY, TR CARB SH

**VIOLA 4329' - 2209'**

DOLO- CRM, HRD DNS TO BRITT IP, F-XLN, SUCRO MTRX THRU, DLL YEL MIN FLO IP, PR INTER-XLN POR THRU, NS

DOLO- CRM BFF, HRD DNS, F/VF-XLN, SUCRO MTRX THRU, TR WHT CHRT, DLL YEL MIN FLO IP, FR INTER-XLN POR THRU, NS

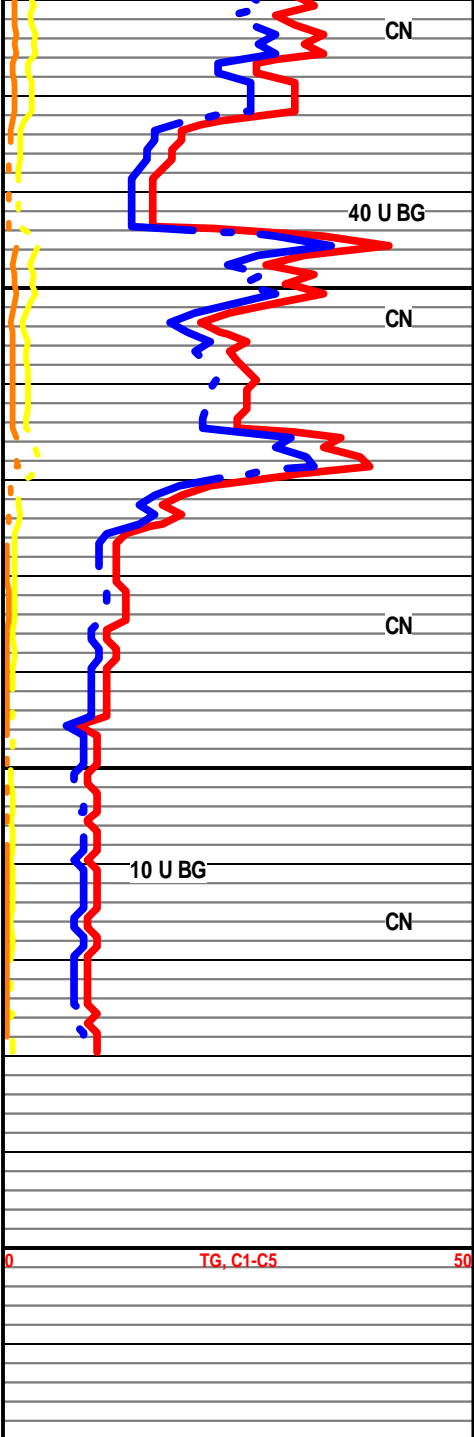
DOLO- CRM, HRD DNS, F-XLN, SUCRO MTRX THRU, TR WHT CHRT, DLL YEL MIN FLO IP, PR/FR INTER-XLN POR THRU, NS

TD @ 11:00 P.M. 06/10/11

CTCH 1 1/2 HR.

T.O.H. FOR LOGS

LOG TECH HAYS



CN

40 U BG

CN

CN

10 U BG

CN

TG, C1-C5

50





CHARGE TO: ARES ENERGY (ARES ENERGY)  
 ADDRESS  
 CITY, STATE, ZIP CODE

TICKET 20761

CITY, STATE, ZIP CODE

PAGE 1 OF 2

1. SERVICE LOCATIONS: NESS CITY, KS  
 WELL/PROJECT NO.: 13-13  
 LEASE: BELLS  
 COUNTY/PARISH: NESS  
 STATE: KS  
 CITY: LOCATION  
 DATE: 6-12-11  
 OWNER: SAME

2. TICKET TYPE: SERVICE  
 CONTRACTOR: DUKE DRUG #9  
 RIG NAME/NO.: NESS  
 SHIPPED VIA: CR  
 DELIVERED TO: LOCATION  
 ORDER NO.:  
 WELL LOCATION: ALEXANDER, KS - 20, 1 1/2 W, 1 1/4

3. WELL TYPE: OIL  
 WELL CATEGORY: Development  
 JOB PURPOSE: 5 1/2" LOGGING

4. REFERRAL LOCATION: INVOICE INSTRUCTIONS

| PRICE REFERENCE | SECONDARY REFERENCE/<br>PART NUMBER | ACCOUNTING |      |    | DESCRIPTION                     | QTY. | UM  | QTY.   | UM | UNIT PRICE | AMOUNT  |
|-----------------|-------------------------------------|------------|------|----|---------------------------------|------|-----|--------|----|------------|---------|
|                 |                                     | LOC        | ACCT | DF |                                 |      |     |        |    |            |         |
| 575             |                                     |            |      |    | MILEAGE # 110                   | 30   | MI  |        |    | \$1.00     | 150.00  |
| 578             |                                     |            |      |    | PUMP CHANGE                     | 1    | JOB | 4380   | FT | 1400.00    | 1400.00 |
| 221             |                                     |            |      |    | LIQUID RCL PRE FLUSH            | 2    | Gal |        |    | 25.00      | 50.00   |
| 281             |                                     |            |      |    | MUD FLUSH                       | 500  | Gal |        |    | 1.00       | 500.00  |
| 402             |                                     |            |      |    | CENTRAKIDES                     | 10   | EA  | 5 1/2" |    | 65.00      | 650.00  |
| 403             |                                     |            |      |    | CEMSUR BARKER                   | 1    | EA  |        |    | 230.00     | 230.00  |
| 406             |                                     |            |      |    | LATCH BOUND PLUG - BATTLE       | 1    | EA  |        |    | 225.00     | 225.00  |
| 407             |                                     |            |      |    | TASSLET FLOAT SHADE W/AUTO FILL | 1    | EA  |        |    | 300.00     | 300.00  |
| 419             |                                     |            |      |    | ROTARE HEAD RESINATE            | 1    | JOB |        |    | 150.00     | 150.00  |
| 221             |                                     |            |      |    | LIQUID RCL DISPENSOR            | 10   | Gal |        |    | 25.00      | 250.00  |

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED: 6-12-11  
 TIME SIGNED: 0130  
 SIGNATURE: [Signature]  
 DATE: 6-12-11

SWIFT OPERATOR: Wayne Watson

REMIT PAYMENT TO:  
 SWIFT SERVICES, INC.  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?  YES  NO

WE UNDERSTOOD AND MET YOUR NEEDS?  YES  NO

OUR SERVICE WAS PERFORMED WITHOUT DELAY?  YES  NO

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?  YES  NO

ARE YOU SATISFIED WITH OUR SERVICE?  YES  NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL #1  
 SUBTOTAL 3755.00  
 TAX 7612.00  
 TOTAL 7960.08

Thank You!

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

APPROVAL





PO Box 466  
Ness City, KS 67560  
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 20761

CUSTOMER: **ART'S BODY** WELLS 13-13 DATE: 6-12-11 PAGE 2 OF 2

| PRICE REFERENCE | SECONDARY REFERENCE/<br>PART NUMBER | ACCOUNTING |      |    | TIME | DESCRIPTION      | WEIGHT |       | DATE         |     | UNIT PRICE   | AMOUNT |         |
|-----------------|-------------------------------------|------------|------|----|------|------------------|--------|-------|--------------|-----|--------------|--------|---------|
|                 |                                     | LOC        | ACCT | DF |      |                  | QTY.   | UM    | QTY.         | UM  |              |        |         |
| 325             |                                     |            |      |    |      | STANDARD COMBUST | EA-2   | 175   | SLS          |     |              | 12.00  | 2100.00 |
| 276             |                                     |            |      |    |      | FLOCELE          |        | 50    | lbs          |     |              | 1.50   | 75.00   |
| 283             |                                     |            |      |    |      | SALT             |        | 900   | lbs          |     |              | 1.5    | 1350.00 |
| 284             |                                     |            |      |    |      | CALSBAL          |        | 8     | SBS          | 800 | lbs          | 30.00  | 240.00  |
| 286             |                                     |            |      |    |      | HAKAD-1          |        | 100   | lbs          |     |              | 7.00   | 700.00  |
| 290             |                                     |            |      |    |      | D-ADR            |        | 2     | gal          |     |              | 35.00  | 70.00   |
| 581             |                                     |            |      |    |      | SERVICE CHARGE   |        |       |              |     |              | 1.50   | 262.50  |
| 583             |                                     |            |      |    |      | MILEAGE CHARGE   |        | 18300 | TOTAL WEIGHT | 30  | LOADED MILES | 1.00   | 274.50  |

CONTINUATION TOTAL 3857.00



JOB LOG

SWIFT Services, Inc.

DATE 6-12-11 PAGE NO. 1

CUSTOMER ARES ENERGY WELL NO. 13-13 LEASE WELLS JOB TYPE 5 1/2" LONGSTRING TICKET NO. 20761

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS |   | PRESSURE (PSI) |        | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|------|------------|--------------------|-------|---|----------------|--------|----------------------------------------|
|           |      |            |                    | T     | C | TUBING         | CASING |                                        |
|           | 0130 |            |                    |       |   |                |        | ON LOCATION                            |
|           | 0345 |            |                    |       |   |                |        | START 5 1/2" CASING IN WELL            |
|           |      |            |                    |       |   |                |        | TD-4380 SET e 4379                     |
|           |      |            |                    |       |   |                |        | TP-4380 5 1/2" 15.5                    |
|           |      |            |                    |       |   |                |        | ST-44.22'                              |
|           |      |            |                    |       |   |                |        | CENTRALIZERS-1,2,3,4,5,6,7,8,9,10      |
|           |      |            |                    |       |   |                |        | CMT BSKT-6                             |
|           | 0615 |            |                    |       |   |                |        | DROP BALL - CALCULATE                  |
|           | 0715 | 7          | 12                 |       | ✓ |                | 500    | PUMP 500 GAL MUD FLUSH                 |
|           | 0717 | 7          | 20                 |       | ✓ |                | 500    | PUMP 20 BBLS KCL-FLUSH                 |
|           | 0725 |            | 7-5                |       |   |                |        | PLUG RH (30SKS) MH (20SKS)             |
|           | 0730 | 4 1/2      | 30                 |       | ✓ |                | 300    | MIX CEMENT 125 SKS FA-2 e 15.4 AP6     |
|           | 0738 |            |                    |       |   |                |        | WASH OUT PUMP - LINES                  |
|           | 0739 |            |                    |       |   |                |        | RELEASE LATCH DOWN PLUG                |
|           | 0740 | 7          | 0                  |       | ✓ |                |        | DISPLACE PLUG (KCC WATER)              |
|           | 0755 | 6 1/2      | 103.2              |       |   |                | 1500   | PLUG DOWN - PSE UP LATCH IN PLUG       |
|           | 0757 |            |                    |       |   |                | OK     | RELEASE PSE-HEU                        |
|           |      |            |                    |       |   |                |        | WASH TRUCK                             |
|           | 0900 |            |                    |       |   |                |        | JOB COMPLETE                           |

THANK YOU  
WAYNE, JEFF, JOHN



# SWIFT



P. O. Box 466  
Ness City, KS 67560  
Off: 785-798-2300

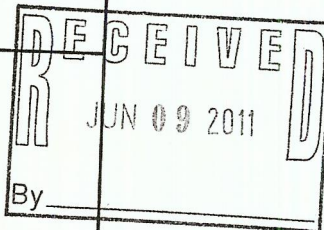


## Invoice

|          |           |
|----------|-----------|
| DATE     | INVOICE # |
| 6/4/2011 | 19719     |

**BILL TO**

ARES Energy, Ltd.  
405 North Marienfeld  
Suite 250  
Midland, TX 79701



- Acidizing
- Cement
- Tool Rental

| TERMS                 | Well No.                                           | Lease | County | Contractor       | Well Type | Well Category | Job Purpose  | Operator  |
|-----------------------|----------------------------------------------------|-------|--------|------------------|-----------|---------------|--------------|-----------|
| Net 30                | #13-13                                             | Wells | Ness   | Duke Drilling #9 | Oil       | Development   | Surface Pipe | Nick      |
| PRICE REF.            | DESCRIPTION                                        |       |        |                  | QTY       | UM            | UNIT PRICE   | AMOUNT    |
| 575D                  | Mileage - 1 Way                                    |       |        |                  | 30        | Miles         | 5.00         | 150.00    |
| 576D-D                | Pump Charge - Deep Surface (> 500 Ft.) - 1330 Feet |       |        |                  | 1         | Job           | 1,100.00     | 1,100.00  |
| 221                   | Liquid KCL (Clayfix)                               |       |        |                  | 2         | Gallon(s)     | 25.00        | 50.00T    |
| 281                   | Mud Flush                                          |       |        |                  | 500       | Gallon(s)     | 1.00         | 500.00T   |
| 290                   | D-Air                                              |       |        |                  | 4         | Gallon(s)     | 35.00        | 140.00T   |
| 410-8                 | 8 5/8" Top Plug                                    |       |        |                  | 1         | Each          | 100.00       | 100.00T   |
| 401-8                 | 8 5/8" Insert Float Without Auto Fill              |       |        |                  | 1         | Each          | 250.00       | 250.00T   |
| 409-8                 | 8 5/8" Turbolizer                                  |       |        |                  | 3         | Each          | 90.00        | 270.00T   |
| 330                   | Swift Multi-Density Standard (MIDCON II)           |       |        |                  | 400       | Sacks         | 15.00        | 6,000.00T |
| 276                   | Flocele                                            |       |        |                  | 100       | Lb(s)         | 1.50         | 150.00T   |
| 581D                  | Service Charge Cement                              |       |        |                  | 400       | Sacks         | 1.50         | 600.00    |
| 583D                  | Drayage                                            |       |        |                  | 586.5     | Ton Miles     | 1.00         | 586.50    |
| Subtotal              |                                                    |       |        |                  |           |               |              | 9,896.50  |
| Sales Tax Ness County |                                                    |       |        |                  |           |               | 6.30%        | 469.98    |

| Company   | Property #s | Acres | AFE # | Amount |
|-----------|-------------|-------|-------|--------|
| 100 71    | 70001313    |       | D1101 |        |
| Approvals | HNC         | Total |       |        |

**We Appreciate Your Business!**

**Total** \$10,366.48



**JOB LOG**

**SWIFT Services, Inc.**

DATE 6-4-11 PAGE NO. 1

CUSTOMER Ares Energy WELL NO. #13-13 LEASE Wells JOB TYPE Surface Pipe TICKET NO. 19719

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS |   | PRESSURE (PSI) |                        | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|------|------------|--------------------|-------|---|----------------|------------------------|----------------------------------------|
|           |      |            |                    | T     | C | TUBING         | CASING                 |                                        |
|           | 2145 |            |                    |       |   |                |                        | on loc w/ FE                           |
|           |      |            |                    |       |   |                |                        | TD 1330'                               |
|           |      |            |                    |       |   |                |                        | 8 5/8" x 23" x 1326' x 42'             |
|           | 2245 |            |                    |       |   |                |                        | start FE                               |
|           | 0030 |            |                    |       |   |                |                        | Break Circ.                            |
|           | 0110 | 4.5        | 0                  |       |   |                | 150                    | Start Mud flush                        |
|           |      | 4.5        | 12/0               |       |   |                | 150                    | start KCL flush                        |
|           |      | 5.5        | 20/0               |       |   |                | 200                    | Start Cement SMD 100sk 11.8"           |
|           |      | 5.5        | 46/0               |       |   |                | 200                    | raise weight " 150sk 12.7"             |
|           |      | 5.5        | 55/0               |       |   |                | 200                    | " " " 100sk 13.5"                      |
|           |      | 5.5        | 31/0               |       |   |                | 200                    | " " " 50sk 14.5"                       |
|           | 0145 |            | 13                 |       |   |                |                        | End Cement                             |
|           |      |            |                    |       |   |                |                        | Drop Plug                              |
|           | 0148 | 5.5        | 0                  |       |   |                | 100                    | Start Displacement                     |
|           |      | 4          | 48                 |       |   |                | 200                    | Circulate Cement                       |
|           | 0204 |            | 82                 |       |   |                | <del>450</del><br>1000 | Land Plug                              |
|           |      |            |                    |       |   |                |                        | Release Pressure                       |
|           |      |            |                    |       |   |                |                        | Float leaking                          |
|           |      |            |                    |       |   |                |                        | Shut in                                |
|           |      |            |                    |       |   |                |                        | circ 50sk to pit                       |
|           |      |            |                    |       |   |                |                        | Thank you                              |
|           |      |            |                    |       |   |                |                        | Nick, Josh F. & David                  |





Services, Inc.

CHARGE TO: Ares Energy  
 ADDRESS  
 CITY, STATE, ZIP CODE

TICKET  
 19719

PAGE 1 OF 1

SERVICE LOCATIONS  
 1. Hays, Ks.  
 2. Ness City, Ks.  
 3.  
 4.

WELL/PROJECT NO. #13-13 LEASE Wells COUNTY/PARISH Ness STATE Ks DATE 6-4-11 OWNER Same  
 TICKET TYPE  SERVICE CONTRACTOR Dake #9 RIG NAME/NO.  
 SALES WELL TYPE Oil WELL CATEGORY Development JOB PURPOSE Surface Pipe SHIPPED VIA CH DELIVERED TO Location ORDER NO.  
 REFERRAL LOCATION INVOICE INSTRUCTIONS

| PRICE REFERENCE | SECONDARY REFERENCE/<br>PART NUMBER | ACCOUNTING |      |    | DESCRIPTION                | QTY.  | UM  | QTY. | UM | UNIT PRICE | AMOUNT  |
|-----------------|-------------------------------------|------------|------|----|----------------------------|-------|-----|------|----|------------|---------|
|                 |                                     | LOC        | ACCT | DF |                            |       |     |      |    |            |         |
| 575             |                                     |            |      |    | MILEAGE #111               | 30    | Mi  |      |    | 5.00       | 150.00  |
| 576D            |                                     |            |      |    | Pump Charge (Deep Surface) | 1     | ea  | 1330 |    | 1100.00    | 1100.00 |
| 221             |                                     |            |      |    | KEL                        | 2     | gal |      |    | 25.00      | 50.00   |
| 281             |                                     |            |      |    | Mud Flush                  | 500   | gal |      |    | 1.00       | 500.00  |
| 290             |                                     |            |      |    | D-Air                      | 4     | ea  |      |    | 35.00      | 140.00  |
| 410             |                                     |            |      |    | Top Plug                   | 1     | ea  | 8.5  | "  | 100.00     | 100.00  |
| 401             |                                     |            |      |    | Insert Float w/o Pill      | 1     | ea  |      |    | 250.00     | 250.00  |
| 409             |                                     |            |      |    | Turbalizer                 | 3     | ea  |      |    | 90.00      | 270.00  |
| 330             |                                     |            |      |    | SMD Cement                 | 400   | shk |      |    | 15.00      | 6000.00 |
| 276             |                                     |            |      |    | Floesle                    | 100   | #   |      |    | 1.50       | 150.00  |
| 581             |                                     |            |      |    | Cement Service Charge      | 400   | shk |      |    | 1.50       | 600.00  |
| 583             |                                     |            |      |    | Drayage                    | 586.5 | TW  |      |    | 1.00       | 586.50  |

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS  
 DATE SIGNED 6-5-11 TIME SIGNED 0210  
 A.M.  P.M.

REMIT PAYMENT TO:  
 SWIFT SERVICES, INC.  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300

| SURVEY                                                                   | AGREE                        | UN-DECIDED                  | DIS-AGREE | PAGE TOTAL | TOTAL |
|--------------------------------------------------------------------------|------------------------------|-----------------------------|-----------|------------|-------|
| OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?                               |                              |                             |           | 9896       | 48    |
| WE UNDERSTOOD AND MET YOUR NEEDS?                                        |                              |                             |           |            |       |
| OUR SERVICE WAS PERFORMED WITHOUT DELAY?                                 |                              |                             |           |            |       |
| WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? |                              |                             |           |            |       |
| ARE YOU SATISFIED WITH OUR SERVICE?                                      | <input type="checkbox"/> YES | <input type="checkbox"/> NO |           |            |       |
| <input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND                |                              |                             |           |            |       |
| TAX 7.55%                                                                |                              |                             |           | 469        | 98    |
| TOTAL                                                                    |                              |                             |           | 10,366     | 48    |

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.  
 SWIFT OPERATOR Michael APPROVAL  
 Thank You!