



15-173-21067-0000  
Anderson Energy, Inc.  
Dugan 1-11  
990 FSL & 1650 FWL  
Sec. 11-T29S-R1W  
Sedgwick County, Kansas  
KB 1297

# FIELD REPORT

0" 5" 10" 15" **DISPLACED MUD SYSTEM AT 2299 FT**

**MUD-CO at 1564'**  
WT: 8.7, VIS: 28  
WL: NC, CHL: 1,900  
LCM:0#

2400

**Iatan Ls 2457-1160**

2500

sst cream to tan vfn to fn and some med grain, poorly sorted, angular, friable, included with glauc. and organics  
NO SHOWS, NO GAS INCREASE

**NEW BIT at 2518'**  
TOOH w/PDC Bit

sst cream to tan vfn to fn and some med grain, poorly sorted, angular, friable, included with glauc. and organics  
NO SHOWS, NO GAS INCREASE

50

sst lt gry with lt green tint, vfn thru fn-med grain, angular, fair sorted, some friable included with glauc. and organics  
NO SHOWS, NO GAS INCREASE

Is tan-brn med to very coarse xln, fossilif, interbedded with sst lt gry, fn grain

shales gry, dk gry, silty, gry-green

shales gry, dk gry, silty, gry-green

2600

**Lansing 2604-1307**

Is dk brn to brn fn xln, lesser med-coarse xln

**MUD-CO at 2613'**  
WT: 8.8, VIS: 41,  
WL: 8.8, CHL: 2,000  
LCM: 4#

Is dk brn to brn fn xln dn, flakey

shales dk gry, gry to blk, soft mixed with gry-grn

50

shales dk gry, gry to blk, soft mixed with gry-grn

shales dk gry, gry to blk, soft mixed with gry-grn

2700

shales blk and dk gry, firm to brittle

shales black and dk gry

shales blk and dk gry, firm to brittle

shales blk and dk gry, firm to brittle

50

shales blk and dk gry, firm to brittle

2800

shales blk and dk gry, firm to brittle

**Kansas City 2787-1490**

Is white to lt gry fn-med oolitic, ringed, chalky in part grades to ls brn fn-med oolitic, ringed in dn matrix

fair odor, Is lt gry med oolitic and slightly oomoldic, some lightly laced with chalk, 5-10% with bright sptd gold fluor wet exhibiting GOOD SHOWS CLEAR LIVE OIL (oil does fluor), no fluor dry, no stain, no cut HW-8u, Recycle HW-3u

**CFS-45"**  
Is cream and tan fn and med oolitic, ringed, coated and fossilif, chalk thru-out  
NO SHOWS OIL OR GAS, NO GAS INCREASE

Is tan fn and med xln-oolitic, assoc. chert 15%+, milky to lt gry, fresh, subopaque

Is tan and cream fn xln dn, some weathered and chalky

Is tan and cream fn xln dn, some weathered and chalky

50

Is tan fn and fn-med oolitic, abundant med and coarse veiny calcite thru-out, fossilif, soem chalk laced

Is cream to med and coarsely oolitic and med to very coarsely oomoldic, subopaque ls gry matrix, assoc. chert gry-brn, fresh, opaque, blocky

Is cream to med and coarsely oolitic and med to very coarsely oomoldic, subopaque ls gry matrix, increase in ls tan and brn fn xln dn, assoc. chert gry-brn, fresh, opaque, blocky

**DST 1) 2892-2920 (KC Swope)**

Is tan-brn fn xln dn, some suboolitic

**Stark Shale 2903-1606**

shales black and dk gry

Is brn fn oolitic in dn matrix, rare shows heavy dark brn live oil on break, flash odor with small shows of gas, occ. pcs. with tan live oil, no fluor wet or dry, sparsely sptd tan to lesser brn stain, none to slow cut HW-55u, Recycled HW-15u

**CFS-45"** CTCH 60" ADST 1  
Is gry-brn fn xln dn, some suboolitic, assoc. chert cream-tan, fresh, opaque

**Hush Shale 2936-1639**

shales black, carb.

Is dk brn fn xln to med oolitic dn

50

Is dk brn fn xln to med oolitic dn

shales black, carb.

Is vdk brn fn xln dn, equal ls brn vfn to fn oolitic, sparse ls cream med oolitic, ringed and elongated, scattered chert brnish gry, fresh, opaque

**BKC 2984-1687**

shales gry, dk gry to blk

3000

shales gry, dk gry to blk

shales dk gry to blk

shales dk gry to blk

**Marmaton 3030-1733**

Is dk brn fn xln dn

shales dk gry, gry and blk, soft

50

shales dk gry, gry and blk, soft

RTD 3060-1763 at 12:07 am  
Tues. 4-17-18  
CFS-75"  
TOOH F/LOGS  
ELI WL Svc. on location at  
3:00 am  
Logging OFF Bottom at 4:00 am  
LTD 3052-1755  
7am Tuesday 4-17-18  
3060 - running open hole logs

Short Trip 15 Stands - pulled tite  
CTCH 60" - Dropped Sure Shot  
Stapped Out

SHT at 2920 - 1 deg. dev.  
DID NOT TAKE PIPE STRAP

**MUD-CO at 2920'**  
WT: 9.04, VIS: 57,  
WL: 8.8, CHL: 1,500  
LCM: 4#

Pipe Strap taken while TIH  
After DST 1 - 2.2' short to  
board

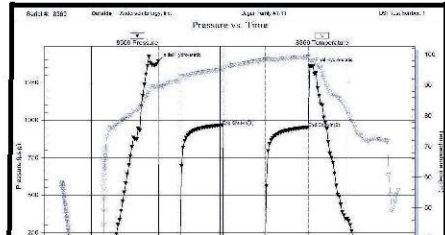
**DST 1) 2897-2920 (KC Swope)**  
[30-60-60]  
Rec: NO Gas In Pipe

70' Heavy Mud Cut Water  
(61% water, 39% mud)

240' Mud Cut Water  
(86% water, 14% mud)

310' Total Fluid - 306' - Drill Collars

IFP: 16-73, FFP: 77-161  
BHP: 966-952



DST 1 - Chart