

MUD LOG
WellSight Systems
Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: **VEVERKA D #3**
Location: **SE NE NE NE SE Sec. 21 ;Twnsp. 8 s.; Rge. 19 w.**
License Number: **34110** Region: **Rooks County, KS**
Spud Date: **11-11-2013** Drilling Completed: **11-17-2013**
Surface Coordinates: **1990' FSL 1990' FEL**

Bottom Hole
Coordinates:
Ground Elevation (ft): **2017** K.B. Elevation (ft): **2124**
Logged Interval (ft): **2550** To: **3533** Total Depth (ft): **3570**
Formation: **Arbuckle**
Type of Drilling Fluid: **Chemical**

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: **TENGASCO, INC.**
Address: **1327 Moose Rd.**
Hays, KS. 67601

GEOLOGIST

Name: **Mike Bair**
Company: **Basin Resources L.L.C.**
Address: **Longmont, CO.**

FORMATION TOPS

FORMATION	LOG TOP	SAMPLE TOP
Anhydrite	1442 (+582)	1444 (+580)
Topeka	2967 (-943)	2968 (-944)
Heebner	3173 (-1149)	3173 (-1149)
Toronto	3193 (-1169)	3193 (-1169)
Lansing	3211 (-1187)	3212 (-1188)
BKC	3426 (-1402)	3430 (-1406)
Arbuckle	3461 (-1437)	3459 (-1435)
TD	3556 (-1532)	3570 (-1546)

DSTs

DST #1 45-45-45-45; 3099-3170

IFP: 2" blow blt to BOB in 23 min; ISI: No return

FFP: 2" blow blt to BOB in 23 min; FSIP: No return

FP: (44-107)(136-207) SIP: 923-914

REC: 415' mdy wtr

DST#2 30-30-30-30 3461-3470 Tool slid approx. 3'

IFP: No blow, partial packer failure, mud dropped 30'. ISIP: No return: FFP: No blow, flushed, no help: FSIP: No return

FP: (87-90)(90-93) SIP: 1017-1010

REC: 125' mud

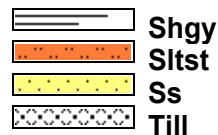
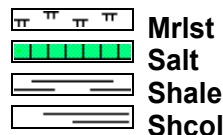
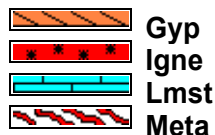
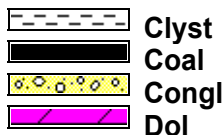
DST#3 Straddle Test 3458 - 3492

Mis-run: packer failure

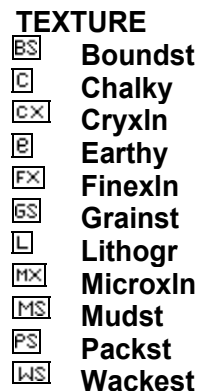
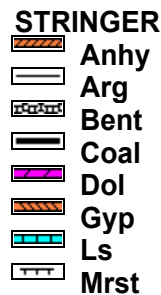
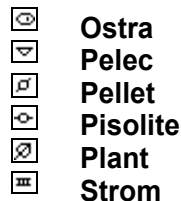
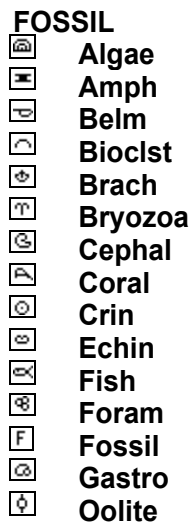
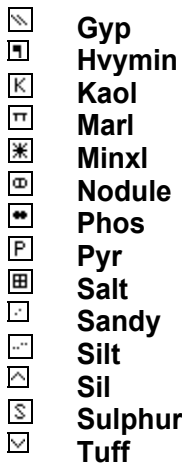
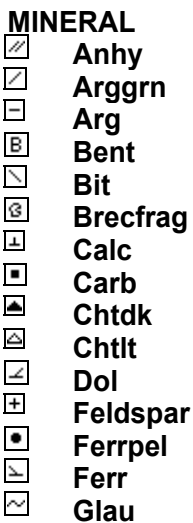
Comments

Production casing was ran to further test the economic potential of this well. Note: production casing depth verified RTD at 3570'.

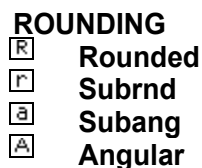
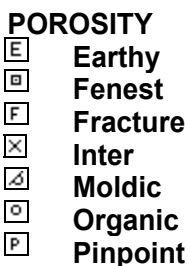
ROCK TYPES

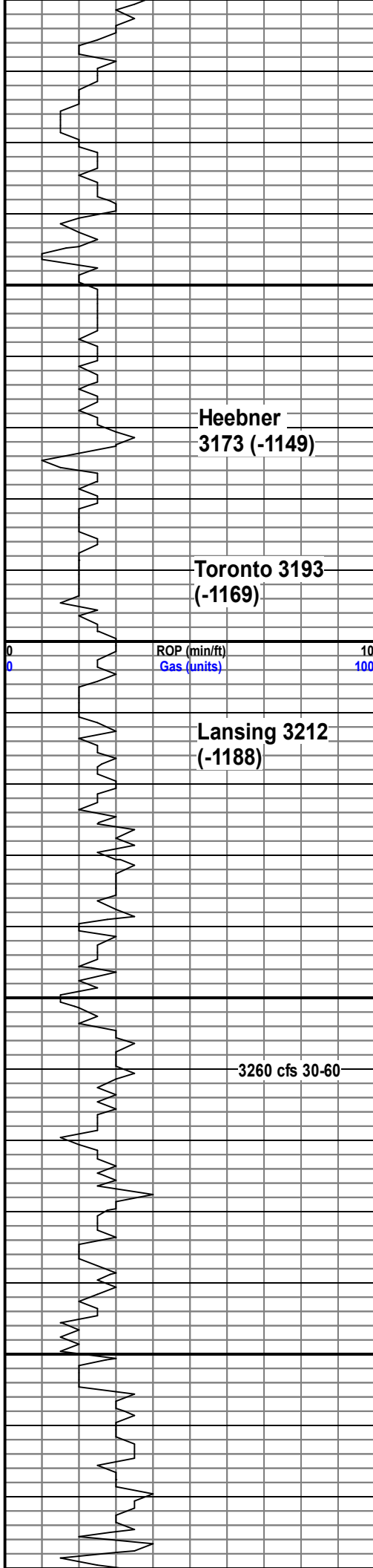


ACCESSORIES

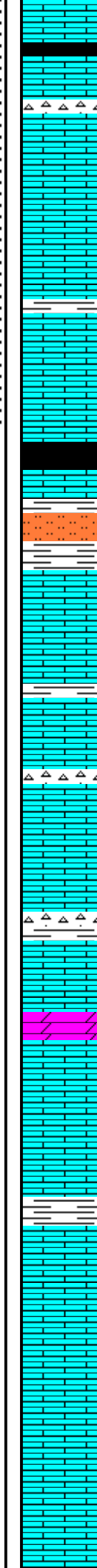


OTHER SYMBOLS





3150
3200
3250
3300



Ls, crm, ool, pr ixool por, ns, n/o 3130

Ls, crm-tan, fxl, few sl gran, pr vis por; Sh, mrn, ns, n/o

Chert, blk-crm; Ls, wh, cky to crm, ool, nvp, ns, n/o

Ls, wh, fxl, sl foss, spt'd stn, sl sfo, xls on edge, lt odor 3160

Ls, crm, fxl to sl foss, sl to few L-fr sfo, spt'd sat'd stn, few w fr vg por, few rx w xls on edge and live oil stn, fr rep, lt odor 3170

Ls, crm, fxl, pr vis por, few foss, ns, n/o

SH, BLK, sl carb, platy 3190 sample

Ls, tan, fxl, ns, n/o

r pc Ls, tan-brn, fxl, r sm vg, micropyrte, spt'd stn in vg, nsfo, n/o

Ls, wh-crm, fxl to v f gran, v sl por, spt'd stn, sl cky, nsfo, n/o

Lsw, wh, ool, pr-v sl ixool por, v sl sfo wh bxn, v wk odor 3230

Chert, wh; Ls, ool, a/a, sl sfo wh bxn, low rep; r pc Ls, wh, v f gran, sl ixgran por, L-fr sfo wh bxn (only 1 pc) n/o

Ls, wh, fxl, ns to Chert, lt gry-crm, ns, n/o

Chert, blk-gry; sct'd blk sh

r pc Ls, wh, ool, spt'y sl por, surf stn, nsfo to Dolo, tan, suc, tite, v sl pp por, poss surf stn, nsfo; 1 pc Dolo, sat'd stn, fri, fr sfo wh bxn, sl odor wh bxn, xl growth on edge 3260 30 min

r pc Dolo, crm, sat'd stn on end, v sl sfo wh bxn to Ls, tan-gry, mdstn, foss frags, sh frags, ns, poss v wk odor 3270

Ls, crm-tan, fxl; Sh, gry-mrn, ns, n/o

Ls, crm, fxl, spt'd surf stn, sl sfo wh bxn, sl xl por; i pc Dolo, crm, suc, tite, fr-gd vg por, lt oil stn in vgs, v sl sfo, n/o

Ls, crm-lt gry, fxl, nsfo, nvp, n/o 3300

Ls, wh-crm, fxl to few ool, nvp to Ls, crm, v f gran, pr-sl ixgran por, spt'd surf stn, v sl sfo wh bxn, low rep, n/o

Chert, wh-crm; Ls, wh-crm, fxl, r pc w poss gil stn, nsfo; r pc Ls, s sl gran w v sl sfo wh bxn, n/o

Chert, op-tan; Ls, wh, fxl, some cky, ns, n/o; Sh, grn

Sh, blk; Ls, crm, fxl, few foss frags, ns, n/o

DST #1 3099-3170
45-45-45-45
FP:
(44-107)(136-207)
SIP: 923-914
Rec: 415' mdy wtr

Heebner
3173 (-1149)

Toronto 3193
(-1169)

Lansing 3212
(-1188)

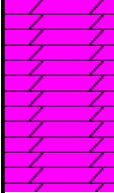
3260 cfs 30-60

ROP (min/ft)
Gas (units)

1000



35
00



Dolo, a/a, several w hvy blk tar, nsfo, n/o
Dolo, a/a couple pcs Dolo, crm, xl on edge, lt oil
str..sluff?, n/o
Dolo, crm, barren; chert, clr-wh nsfo, n/o 3560

Dolo, wh-lt tan, suc-fxl, pr vis por, ns, n/o

Strap .61 short:
Note wind was 30
mph +