

LITHOLOGY STRIP LOG

WellSight Systems

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

Well Name: V & V #1
Location: Aprox. SE SW NE of Section 20-T22S-R11W
License Number: KCC Licence#: 5614
Spud Date: 01/22/13
Surface Coordinates: 2350' FNL & 1460' FEL
Region: Mid-Continent
Drilling Completed:

Bottom Hole Coordinates: Same as Surface Coordinates
Ground Elevation (ft): 1829' K.B. Elevation (ft): 1838'
Logged Interval (ft): 2600' To: 3700' Total Depth (ft): 3700'
Formation: Arbuckle Dolomite @ Total Depth
Type of Drilling Fluid: Andy's Mud Company (Chemical Drispac)
Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Hutchinson Oil Company
Address: P.O. Box #521
Hutchinson, KS 67037

GEOLOGIST

Name: Jeffrey A. Burk, Consulting Petroleum Geologist
Company: PETERRA Energy Services
Address: 110 South Main, Suite #510
Wichita, KS 67202
Phone: (316) 269-2015

DST's

DST #1 3281'-3345' (Lansing "B", "D", "F")

OP 30"-45"-60"-45"

1st open: WB built to 5"

1st shut in: No blow back

2nd open: WB built to 6"

2nd shut in: No blow back

REC: 50' MUD (no shows)

IHP: 1610#

IFP: 18#-27#

ISIP: 245#

FFP: 30#-45#

FSIP: 205#

FHP: 1590#

BHT: 100 degrees

DST #2 3520'-3553' (Viola & Simpson Sd)

OP 30"-45"-60"-60"

1st open: BOB in 45 sec. w/ GTS in 11 minutes

Gauged 191 MCFGPD

1st shut in: no blow back

2nd open: GTS, Stablized @ 268 MCFGPD

2nd shut in: no blow back

REC: 150' GCM

IHP: 1817#

IFP: 119#-182#

ISIP: 333#

FFP: 97#-110#

FSIP: 330#

FHP: 1737#

BHT: 108 degrees

DST #1 3281'-3345' (Lansing "B", "D", "F")

OP 30"-45"-60"-45"

1st open: WB built to 5"

1st shut in: No blow back

2nd open: WB built to 6"

2nd shut in: No blow back

REC: 50' MUD (no shows)

IHP: 1610#

IFP: 18#-27#

ISIP: 245#

FFP: 30#-45#

FSIP: 205#

FHP: 1590#

BHT: 100 degrees

DST #4 3592'-3602' (Arbuckle)

OP 30"-45"-30"-60"

1st open: BOB in 1 minutes, no GTS

1st shut in: No blow back

2nd open: BOB in 1 minutes, GTS in 3 minutes, TSTM

2nd shut in: 2" blow back

REC: 196' CL GSY OIL (44 gravity)

117' GOCM (25% gas, 20% oil, 55% mud)

62' GOCM (15% gas, 15% oil, 70% mud)

IHP: 1891#

IFP: 223#-173#

ISIP: 1092#

FFP: 76#-130#

FSIP: 1096# (2.35% drop)

FHP: 1699#

BHT: 107 degrees

Daily Log

01/22/13 MIRU and spud well. Drilled ahead to 310'. Talled 7 jts. of new 23# 8 5/8" casing @ 298.5'.
Set casing @ 309.5' KB & cemented w/ 300 sxs (3% cc, 2% gel).

01/23/13 WOC @ 7:00 a.m. Under surface @ 1:45 p.m.

01/24/13 Drilling ahead @

01/25/13 Drilling ahead @

01/26/13 Drilling ahead @ 3295'. CFS @ 3305', 3320', 3345'. Short trip @ 3345', dropped survey
(1degree), strapped pipe (.69' short to board), and ran DST #1 (3281'-3345').

Comments

Due to the negative results and lack of calculated commercial hydrocarbons recovered on DST #1, #2, #3, #4 (too malfunction), and #5, it was decided by all parties involved to plug this well as non-commercial.

Respectfully submitted,

Jeffrey A. Burk, Consulting Petroleum Geologis
PETERRA Energy Services

ROCK TYPES

| | | | | | | | |
|--|-------|--|-------|--|-------|--|-------|
| | Anhy | | Coal | | Lmst | | Shcol |
| | Bent | | Congl | | Meta | | Shgy |
| | Brec | | Dol | | Mrlst | | Sltst |
| | Cht | | Gyp | | Salt | | Ss |
| | Clyst | | Igne | | Shale | | Till |

ACCESSORIES

| | | | | | | | |
|----------------|----------|---------------|---------|-----------------|----------|----------------|----------|
| MINERAL | | Minxl | | Crin | | Gyp | |
| | Anhy | | Nodule | | Echin | | Ls |
| | Arggrn | | Phos | | Fish | | Mrst |
| | Arg | | Pyr | | Foram | | Sltstrg |
| | Bent | | Salt | | Fossil | | Ssstrg |
| | Bit | | Sandy | | Gastro | | |
| | Brecfrag | | Silt | | Oolite | TEXTURE | |
| | Calc | | Sil | | Ostra | | Boundst |
| | Carb | | Sulphur | | Pelec | | Chalky |
| | Chtdk | | | | Pellet | | Cryxln |
| | Chtlt | FOSSIL | | | Pisolite | | Earthy |
| | Dol | | Algae | | Plant | | Finexln |
| | Feldspar | | Amph | | Strom | | Grainst |
| | Ferrpel | | Belm | STRINGER | | | Lithogr |
| | Ferr | | Bioclst | | Anhy | | Microxln |
| | Glau | | Brach | | Arg | | Mudst |
| | Gyp | | Bryozoa | | Bent | | Packst |
| | Hvymin | | Cephal | | Coal | | Wackst |
| | Kaol | | Coral | | Dol | | |
| | Marl | | | | | | |

OTHER SYMBOLS

| | | | | | | | |
|-----------------|----------|-----------------|----------|-----------------|-----------------|--------------|----------|
| POROSITY | | Well | | Angular | INTERVAL | | Core |
| | Earthy | | Moderate | OIL SHOW | | | Dst |
| | Fenest | | Poor | | Even | EVENT | |
| | Fracture | ROUNDING | | | Spotted | | Rft |
| | Inter | | Rounded | | Ques | | Sidewall |
| | Moldic | | Subrnd | | Dead | | |
| | Organic | | Subang | | | | |
| | Pinpoint | | | | | | |
| | Vuggy | | | | | | |













