ROGER L. MARTIN
INDEPENDENT PETROLEUM GEOLOGIST 316-250-6970

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY VESS OIL CORPORATION
LEASE LISTER 'A' #40
FIELD EL DORADO
LOCATION 1980' FSL & 2310' FEL
SECTION 32 TOWNSHIP 25S RANGE 05E
COUNTY BUTLER STATE KANSAS

ELEVATIONS

KB 1383' GL 1374'
Measurements Are All From KB: 1383'
API 15-015-24066-00-00

CONTRACTOR C&G Drilling, Rig #2
SPUD 08/25/2016 COMP 08/30/2016
RTD 2510' (-1127) LTD 2509' (-1126)

ELECTRICAL SURVEYS

ELI: DIL/MEL, CDL/CNL/PE
2 DST's by DIAMOND TESTING

CASING

SURFACE 6 jts 8-5/8" 24#/FT set @ 270'KB w/150 sx Class A, 3% cc.
PRODUCTION 59 jts 5-1/2" 15.5#/FT set @ 2509'KB w/150 sx Thickset, 5% Kol-Seal

FORMATION TOPS	LOG	SAMPLES
Admire 650	649' (+734)	645' (+736)
White Cloud LS	892' (+491)	892' (+491)
White Cloud SS	897' (+486)	897' (+486)
Oread	1398' (-15)	1398' (-15)
Heebner	1435' (-52)	1435' (-52)
Douglas SH	1469' (-86)	1469' (-86)
Iatan	1653' (-270)	1653' (-270)
Lansing	1715' (-332)	1714' (-331)
Base Lansing	1852' (-469)	1848' (-465)
Kansas City	2003' (-620)	2003' (-620)
Stark	2105' (-722)	2105' (-722)
Base Kansas City	2163' (-780)	2163' (-780)
Checkerboard	2235' (-852)	2235' (-852)
Pawnee	2323' (-940)	2323' (-940)
Cherokee	2364' (-981)	2365' (-982)
Ardmore	2436' (-1053)	2435' (-1052)
Viola	2466' (-1083)	2465' (-1082)
Simpson Group	2490' (-1107)	2488' (-1105)
Simpson SS	2505' (-1122)	2505' (-1122)
LTD/RTD	2509' (-1126)	2510' (-1127)

CHRONOLOGY

08/23/2016- MIRU C&G Drilling, Rig #2. Hogoboom delivered 6 jts 8-5/8" 23#/FT csg=261' (threads off)

08/25/2016- Start drilling rathole @ 7AM, SPUD 12-1/4" hole @ 7:40 AM: TD @ 272'. Run 8-5/8" 24#/FT csg= 261'. Set @ 270'KB, Consolidated Cement w/150 sx Class A 3% cc. Circ cement. Plug down @ 6:28PM.

08/26/2016- Drlg @ 686'. Drill under surface @ 2:30 AM.

08/27/2016- Drlg @ 1971'. Bit Trip and mud up @ 1691'. MW 9.1, VIS 49, WL 11, LCM 1.5#. SHS @ 1691=1/2deg

08/28/2016- Drlg @ 2448', MW 9.2, VIS 48, WL 11.2, LCM 1.5#, SHS @ 213'= 3/4 deg. Circ to find Viola Dolo. Short trip before DST #1: 2441'-2476'.

08/29/2016- Circ @ 2491', hunting Simpson Sand for DST #2: 2476'-2510'. TD @ 2510' @ 1:30 PM. Run E-logs.

08/30/2016- RTD 2510' TIH to condition and lay down.

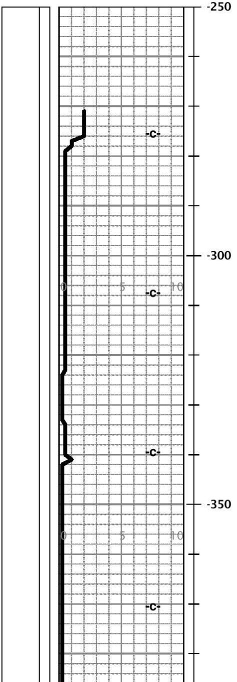
REMARKS:

CASING JOB (C. COATS, ENGINEER, VOC):
Ran 59 jts of 5-1/2" 15.5#/FT casing, Tally= 2513.83', Set @ 2509' KB, 1' off bottom. Circulate 20 minutes, Rig up rotating head. Circulate and rotate for 20 minutes. CONSOLIDATED pump 50 gal mud flush. Plug mouse hole: 15 sx, Rathole: 25 sx, mix and pump 150 sx Thickset cement w/5% Kol-Seal. Good circulation of mud. Displace plug @ 6 BPM, Caught pressure @ 30 bbl. Lift to 600#, Land plug @ 1200# @ 4:05 PM. HELD. Insert @ 2464'. Release rig.

*E-log tops by P. Ramondetta, Geologist, VOC

Respectfully submitted,
Roger L. Martin, Geologist (Wellsite)

LITH | POROSITY | DRILLING TIME MIN/FT | DST | SAMPLE DESCRIPTION | REMARKS



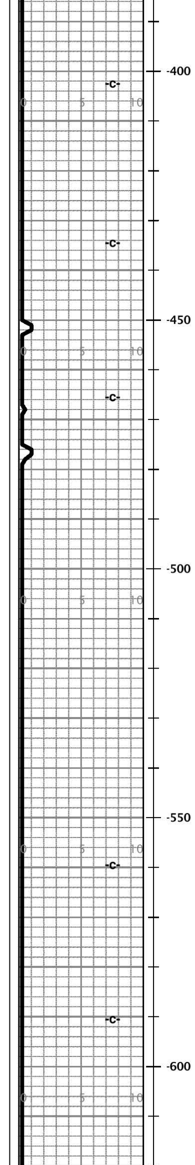
KELLY DOWN SAMPLES

(308' spl} LS: wh-bf-gy, Rr fos & ool Pkst- Grst w/Fr- Gd Por: IGr Por, Iool & Ifos Por w/NS. sm dn Mdst- Wkst & chlky LS w/Pr visbl Por- NVP w/NS; sm argil Mdst & SH: gy,

(340' spl} LS: bf-tn-gy & wh, sm mot, Sl Incrs Pkst- Grst: AA w/Fr- Gd Por: IGr Por, Iool & Ifos Por w/NS; & sm mx-Vfnxln w/Pr- Fr IX Por w/NS; sm wh-chky w/NS & gy dn Mdst.

(371' spl} Shrp Incrs SH: md-dk gy & blk, VRr rd SH; sm LS: AA, Pred dn Mdst-Wkst w/Pr- NVP, NS.

(403' spl} sm LS: wh-bf-tn & gy, sm fos & ool Pkst- Grst w/Fr- Gd Por: IGr Por, Iool & fos Por w/NS; sm mx-Vfnxln- sm Sl dolomc, VRr 2nd ReX- md- crsX's; sm chlky LS; NS. Abndt SH: Pred dk gy- blk.



(435' spl} >80% SH: dk gy to blk, sm carb. sm LS: AA, & Rr DLS- LS: bf-gy, mx- Vfnxln w/Fr- Gd Por: pp- vug Por, mldc Por, mIX Por, w/NSFO, NC.

(466' spl} LS: Rr cm-tn, mx- fnxln, prt oomldc & fos & ool w/Fr-VGd Por w/NS; LS: AA & dn & argil Mdst- Wkst w/Pred Pr- NVP w/NS; & ~50% SH: AA.

(497' spl} LS: AA, sm Fr- Gd Por w/NS. Abndt argil- shly w/Pr- NVP. Abndt SH: Pred dk gy to blk, sm blk carb.

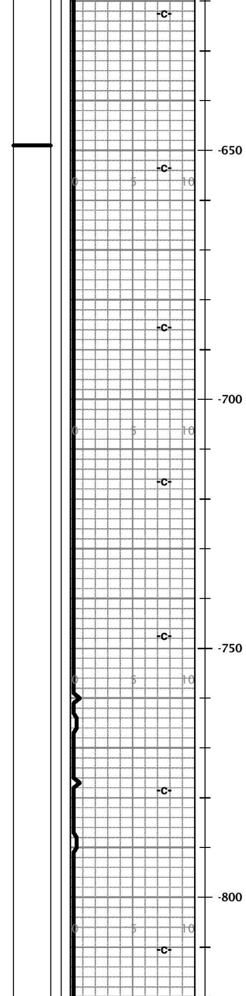
(529' spl} LS: VRr bf-tn, mx- fnxln w/Pr- Fr IX Por & fos Pkst- Grst w/Fr- gd IGr & Ifos Por w/NS. Pred argil & dn Mdst- Wkst- Pkst w/NS. Abndt SH: md-dk gy & blk

(560' spl) LS: sm tn-gy Pkst- fos w/Pred Pr visbl Por, NS. Abndt Wkst- Mdst; sm cm-gy mxln & Mdst, sm argil, Pr- NVP, NS. sm SH: AA, Rr pyrtc.

(591' & 623' spl} VRr Sd Clust: gy-wh, Vfn- fn Gr'd, Trc fribl w/Fr- Gd Por w/NS, NC, anglr- rnd'd Gr's, silty & Silty Sd Clust & Sndy Silt: lt gy, Vfn Gr'd w/Pr visbl Por & NS.

(623' spl} LS: gy-tn, mx- fnxln, Rr prt Mdx, sm dolomc, sm fos Pkst, sm Pr- Fr Por w/NS; sm semi-chlky to chlky w/Pr- VPr Por, NS. sm SH: Pred gy-blk, sm carb, sm argil & pyrtc LS & sm calc & lmy SH.

(654' spl} LS: AA; & gy-tn-cm, Pred dn Mdst & mx-fnxln, prt argil, sm pyrtc, sm Wkst- Pkst w/Pr- NVP w/NS; LS: lt gy, sndy & silty w/VPr- Pr visbl Por, NS. SILTS: lt- md gy, calc, sndy: Vfn Gr'd, VPr Por, NS. sm SH: AA.



(686' spl} Pred SH: dk gy-blk, prt carb, sm Md gy, micac; Rr LS: gy-tn, argil, fos Pkst, VPr Por.

(686' spl} {ADMIRE 650' ZONE} SS: <5% Silty Sd Clust: gy-Tn-bn-STN, Vfn Gr'd, rnd'd- anglr, fribl, <5% w/brt FLR & Sl- Fr SFO & Sl Odor w/sat Tn-bn O.STN, Sl- Fr Cut, Trc prt fn Gr'd & Vfn Gr'd silty micac & fribl w/Gd Por, sat FLR & O.STN, Fr SFO, trc Gd strmg-milky Cut, VSl Odor & SILTS: lt-md gy, micac, VRr sndy, Trc FLR- STN- SFO & Cut.

649' (+734)
ADMIRE 650
{Sl-Fr SFO)

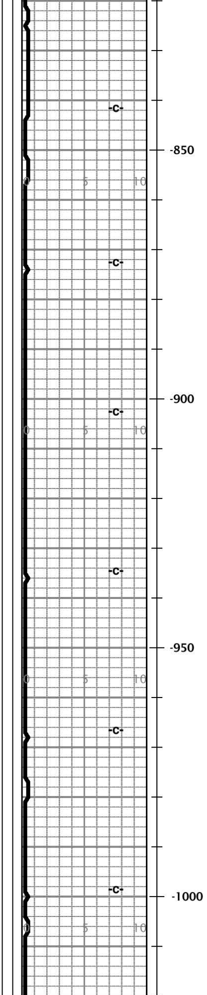
(717' spl} Abndt SH: gy-blk, sm micac, & sm SILTS: gy, micac & Sl calc; VRr sndy: Vfn Gr'd: VPr- NVP, NS.

(749' spl} SH- SILTS: lt- dk gy & blk, sm micac, sm Sl calc; Rr sndy: Vfn Gr'd, NS.

(779' spl} LS: tn-gy, mx- fnxln, & dn Mdst- Wkst, Rr Pkst w?VPr- NVP w/NS;
&SILTST: lt-dk gy, calc & micac & sm sndy, VPr- Pr visbl Por w/NS.
& SH: Pred gy & blk, sm carb SH.

(811' spl} LS: bf-tn & gy-wh, Pred dn Mdst & mx- dn & Wkst w/VPr visbl Por- NVP w/NS; sm gy- blk & blk carb SH.

(842' spl} Abndt SH: Pred dk gy & blk, sm lt gy & gn-gy; Rr Siltst; & LS: tn-wh, Pred dn- mx & Mdst- Wkst, Rr Pkst, Pred Pr- NVP, NS. Rr pyrtc LS, Rr Pkst w/Fr IGr - Ifos Por w/NS.



(873' spl} sm LS: tn-gy-wh, sm mot fos Pkst- Wkst, prt chlky & sm dn Mdst, sm argil, Pred Pr- NVP, VRr Fr visbl Por w/NS.

(873' spl} Abndt SH: dk gy & md gy, sm pyrtc. LS: gy-tn, dn Mdst- Wkst, mx- fnx, Pr- NVP, NS.

(903' spl} Pred SH: >90% dk gy-blk, sm Sl micac.

(935' spl} >90% SH: AA, Pred dk gy-blk.

(935' spl} VRr LS: gy-cm, mx- fnx, sndy, Vfn- fn Gr'd, well cmt'd w/VPr- NVP. Trc Sd Clust: gy-wh, Vfn- fn Gr'd, calc, Pr- Fr Por, NS.

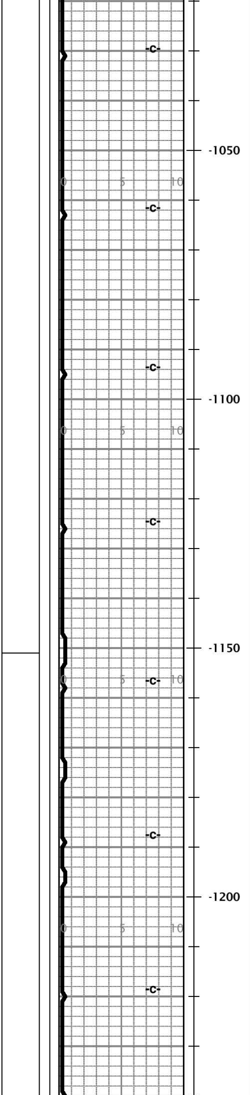
892' (+491)
WHITE CLOUD LS
897' (+486)
WHITE CLOUD SS

(967' spl} SS- Frly Abndt Sd Clust: gy-bf-cm, Pred Vfn- fn Gr'd, trc prt Md Gr'd, rnd'd- anglr, sm silty- shly & micac, calc, well cmt'd to Vfribl w/Pr- Gd visbl Por w/NS. NF. NC.

(999' spl} Abndt LS: gy-tn-wh, Pred dn Mdst, sm Vargil & SH: AA & gy calc & lmy SH. Rr mx- fnx & dn LS & sm wh-chlky, Pr- NVP, NS.

(1030' spl} SH: Pred dk gy, sm lmy & calc. & LS: dk gy-bn-tn, argil & shly & dn w/VPr- NVP, NS.

LS & SH: AA.



(1062' spl} SILTS: lt-dk gy, sm Sl calc & micac & sndy: Vfn- fn Gr'd, VRr Md Gr's & SS- Sd Clust: lt gy, Vfn- fn Gr'd, rnd'd to subanglr, well cmt'd to Vfribl w/Pr- Gd Por w/NS; NF; NC.

(1094' spl} SH & sm SILTS: Pred dk gy, micac, sm calc, Rr sndy; NS.

SH: AA.

(1125' spl} LS: cm-tn-gy, sm mot Pkst, fos, sm argil w/sm Pr- Fr Por, NS. Abndt dn Mdst & Wkst & Pkst w/Pr- NVP, NS. VRr Pkst w/fn- Crs 2nd ReX, NS.

(1157' spl} DOLO & DLS: cm-bf w/Tn-bn STN, mx- fnxln, VRr prt Mdxln, Fr- Gd IX Por, mIX Por w/subsat to sat O.STN & FLR, VSl SFO & Cut; & LS" wh-gy-th, mx- fnx, sm dolomc, VRr Md- VCrs calcX's- 2nd ReX, sm Pr- Fr Por: IX Por, pp- vug Por, Trc Gd IX Por, VRr FLR & subsat STN, VSl SFO & Cut; SH & SILTS: AA

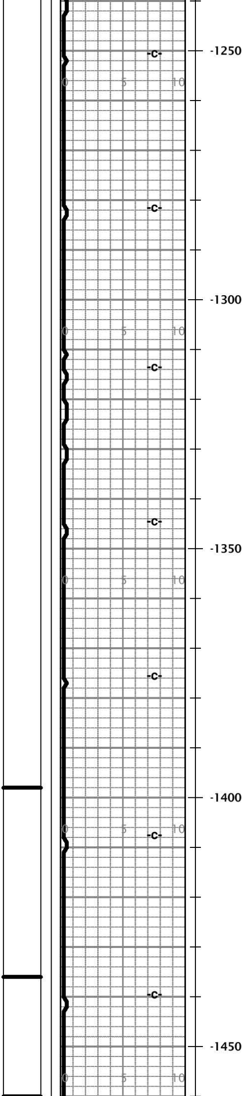
{VSl SFO)

(1188' spl} VAbndt SH- SILTS: Pred dk gy- blk, sm calc & lmy. Abndt micac, sm pyrtc & argil-shly silty LS. (Trc LS AA w/FLR- SFO- STN- Cut, AA)

(1219' spl} LS: cm-gy-tn, Pred dn Mdst, sm fos Wkst & Pkst w/VPr- Pr visbl Por w/NS. & SH: AA. sm pyrtc & blk carb.

(1251' spl} LS: cm-tn & gy-wh, sm mot Wkst- Pkst, sm chlky in prt, sm mx- Vfnx w/Pred Pr visbl Por, NS. ~40% SH: Pred gy- blk.

(1283' spl} LS: gy-tn-wh, Pred mot- fos Wkst- Pkst, sm argil, sm prt chlky; Pred Pr- VPr Por w/NS. sm pyrtc LS, AA & sm SH: AA.



(1314' spl} sm SH: gy-blk & gn-gy & blk-rd hematite.
& LS: wh-gy-tn, sm mot Wkst- Pkst & mx- fnxln, prt chlky, sm fos, Rr Fr visbl Por: pp- vug Por, moldc & IGr Por, Ifos Por, Trc FLR- STN & Cut, NSFO; VRr Gd Por: Vfn oomldc; >995 barren Por, Trc STN, dull FLR & VSl Cut.

(1345' spl} LS: wh-tn-gy, prt chlky, sm prt fnxln- Mdxln- 2nd ReX, Trc CrsX's- VCrsX's- sm Fr- Gd aprnt Por, NSFO, Trc spt'd FLR & VWk Cut.

(1376' spl} LS: sm AA, Abndt chlky to dn w/Pr- NVP, NS. Rr Fr- Gd Por, AA. NS. sm SH: gy-blk & gn-gy, Rr pyrtc.

(1408' spl} >90% SH: Pred dk gy to blk, VRr blk Vcarb SH. Rr Sl pyrtc, gy- blk SH; VRr LS: AA.

(1440' spl} ~50% SH: AA

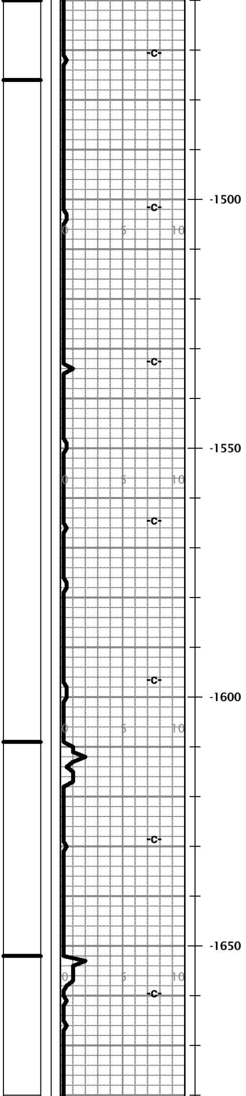
1398' (-15)
OREAD

(1440' spl} {OREAD} ~50% LS: cm-tn-gy, mx- fnxln & fos Pkst & Wkst, sm sucro, Sl dolomc, sm Pr- Fr visbl Por: IX Por, IGr Por, Trc spt'd FLR, NSFO.

(1471' spl} LS: gy-tn-cm, sm dn Mdst & Wkst & sm Pkst- fos & Rr mx- fnxln- 2nd ReX, Trc MdX, Pr- Fr Por w/NS.

1435' (-52)
HEEBNER

(1471' spl} {HEEBNER} Abndt SH: blk carb- Vcarb & gy-blk;
& LS: gy-bn & tn dn hd Mdst.
SH: AA.



(1502' spl} {TORONTO} LS: cm-tn-gy-wh, sm mot Pkst-Grst & mx- fnxln, VRr Md- CrsX- 2nd ReX, sm chlky, sm Fr- Gd IX Por, vug Por & IGr Por, NS.

1469' (-86)
DOUGLAS SH

(1502' spl} {DOUGLAS GRP} ~40% SH & SILTST: blkk carb & gn-gy SH & gn-gy Silts & lt gy Silts: micac & sm sndy w/NS. Sl pyrtc SILTS & SH: AA.

(1533' spl} VRr LS: gy-tn, dn & sm argil: sm shly, VPr-NVP, NS.
Pred SH & sILTS: lt- dk gy, sndy, micac & calc SILTS; & md- dk gy & blk SH & gn-gy, Trc rd SH.
sm SS- Silty Sd Clust: lt gy, Vfn- fn Gr'd, silty w/VPr visbl Por w/NS & NC.

(1565' spl} Pred SH: blk, sm carb & dk gy-blk, sm pyrtc. sm SILTS: lt-dk gy, sm sndy: Vfn- fn Gr'd, sm micac & calc & lmy & sndy & silic LS w/Pr- NVP w/NS & NC. (sm LS: AA, NS)

(1597' spl} Pred SH: AA.
VRr LS: dk-lt gy, sndy & Vargil w/VPr- NVP, NS.
& SILTS: lt-dk gy, sm calc, micac, NS.

(1629' spl} Pred SH: dk gy-blk. sm SILTS: lt-dk gy, micac, sm sndy:Vfn Gr'd, Sl calc, NS.

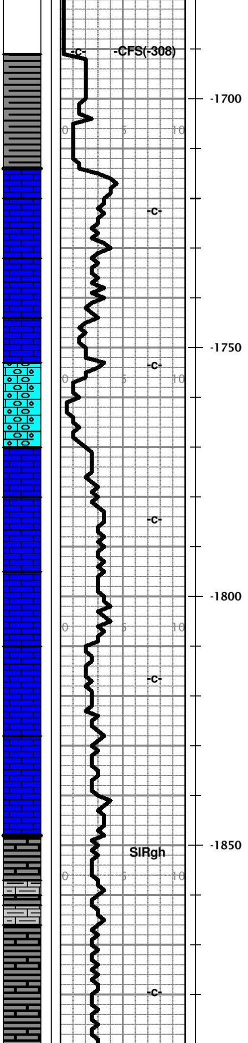
(1629' spl} {HASKELL} sm LS: <10% tn-bn & cm, mx-fnxln, Pred dn, sm Wkst- Pkst, VPr- Pr visbl Por, NS. sm dn & argil Mdst.

(1660' spl} Shrp Incrs LS: AA w/Pred Pr visbl- NVP, NS. NC.
Abndt SH: AA, sm gy-blk, pyrtc.sm SILTS: lt gy & gn-gy, sndy: Vfn Gr'd, Sl calc.
VRr Sd Clust: lt gn-gy, Vfn Gr'd, fribl, Pr visbl Por, NS. Trc Sd Clust w/Fr Por, NS, NC.

1653' (-270)
IATAN

{IATAN} sm LS: wh-gy-tn, sm dn Mdst & sm chlky & mx-Vfnxln, VPr- NVP, NS.

(1691' spl} sm LS: AA (~10%)
SH- SILTS: dk to md gy, sm calc, Sl micac.



(1691' spl} SILTS & SH: AA, Incrs dk gy-blk SH in circ spls.

SH: Pred dk gy, blk- Rr carb, sm gn-gy.

{LANSING} LS: cm-gy-tn, Pred dn & mx- fnx, Pr visbl- NVP, NS.

LS: wh-gy-tn, Pred dn & mx- fnx, prt chlky, VRr prt MdX- CrsX- 2nd ReX, Pr visbl Por- NVP, NS

LS: cm-tn-gy & wh-chlky, sm mot Wkst- Pkst, sm fos w/Pred Pr visbl Por to NVP, NS. & mx- MdX w/VRr CrsX's, NS.

LS: cm-tn-gy, sm mot Wkst- Pkst & mot Wkst- Pkst & mx- fnxln, VRr MdX- CrsX w/Pr- Fr Por: IX Por, IGr Por, pp Por, NS.

LS: cm-bf-tn & gy-wh, sm fin ool & fos Pkst & Rr Pkd Grst & mx- fnxln, sm Fr- Gd Por: fos & oomldc Por, pp- vug Por, IX Por, NS. NC. sm fos & fn oomldc & xln w/Gd to VGd Por w/NS. NC. Incrs Grst- oomldc & fos & xln LS w/Gd- VGd Por in 80' spl, NS. NS. sm 2nd ReX- MdX- VCrsX's

LS: gy-tn-wh, Pred dn to Pr visbl Por w/NS. sm chlky & sm mx- fnx: Rr Fr- Gd Por, AA. NS. sm argil, Trc pyrtc.

LS: gy-tn-cm, sm argil Mdst- Wkst, Rr Pkst & chlky LS & mx- fnxln w/VPr- Pr Por w/NS.

LS: wh-gy-tn, sm mot Wkst- Pkst, fos, prt chlky & mx- fnxln, Rr MdX- CrsX- 2nd ReX; sm Pr- Fr Por: IGr Por, IX Por, pp- vug Por w/NS.

LS: cm-tn-gy, sm mot Wkst- Pkst & VRr fos & ool Grst; sm fn- Mdxln- 2nd ReX, VRr Crs- VCrsX. CHERTY: wh-blu-gy-tn, opq, shrp, Pred Pr- Fr Por, VRr Gd Por, NS. sm argil- shly LS.

{BASE LANSING} SH: lt-dk gn-gy, sm pyrtc, sm calc (~50% LS: AA; NS)

LS: gy, argil, dn Mdst- Wkst w/sm 2nd ReX, VPr- NVP, NS. & SH: AA- Incrs gy, calc & lmy SH.

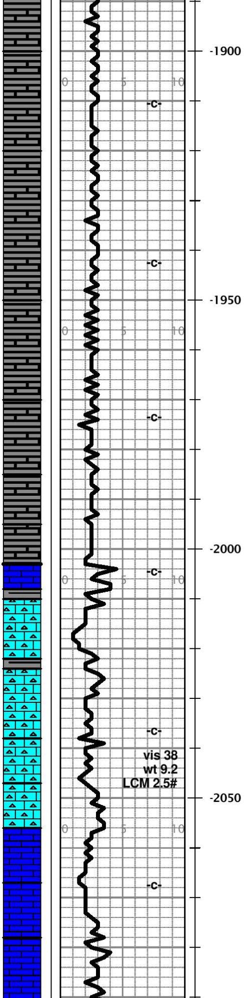
SH: gy, micac & calc, sm pyrtc. (sm LS: AA)

{BIT TRIP} PDC out & Tri-cone in*
MUD UP
10' SAMPLES

1714' (-331)
LANSING

1848' (-465)
BASE LANSING

20' SAMPLES



vis 38
wt 9.2
LCM 2.5#

SH: md-dk gy, sm VCalc, sm micac, Rr pyrtc. (sm LS: AA)

SH: AA, Pred md- dk gy, calc & Sl micac, VRr pyrtc.

SH: (>95%) gy, sm calc & lmy.

SH: md- dk gy, Rr blk, sm calc.

MUD CHECKS
by FUD MUD:
@ 1974':
Wt 9.2, Vis 42
PV 13, YP 7
pH 9.5, WL 11.2
Cl 1100, LCM 3#

SH: AA, Incrs dk gy-blk, sm calc.

10' SAMPLES

SH: AA.

2003' (-620)
KANSAS CITY

{KANSAS CITY} Rr LS: gy-tn-cm, pred Wkst-Pkst-fos; sm argil; pred Vpr-NVP; NS.

LS: AA; & Pkst & mx-MdXln w/ pr-Fr Poro w/ SlSFO-STN-FLR & Cut.

LS: wh-bf-gy, w/ sm tn O.STN; fos & ool & Cherty Pkst & mx-MdXln w/ Rr CrsX's; ~10% w/ Fr-Gd-IXP & IGr.Poro; >10%<20% w/ spt'd-sat brt FLR & tn-bn O.STN; SlSFO & Sl-Fr Cut; Vsl Odor.

{Sl SFO)

LS: wh-bf-gy, prt chlky & ool & fos Wkst- Pkst; & mx-fnXln- sm 2nd ReX; pred Vpr-pr visbl Poro; Trc Fr visbl Poro; Trc FLR-STN-SFO & Cut; >95% Barren; Cherty: wh-gy-bf, opq, shrp.

{Trc SFO)

LS: AA; incrs in wh-chlky; sm Barren Poro; Trc SFO-FLR-STN & Cut; >99% Barren.

{Trc SFO)

LS: wh-gy-tn, prt chlky; sm ool & fos; sm 2nd ReX; Cherty: gy-bf-wh, opq, shrp; pred pr visbl Poro; Trc SFO-FLR-STN & Cut.

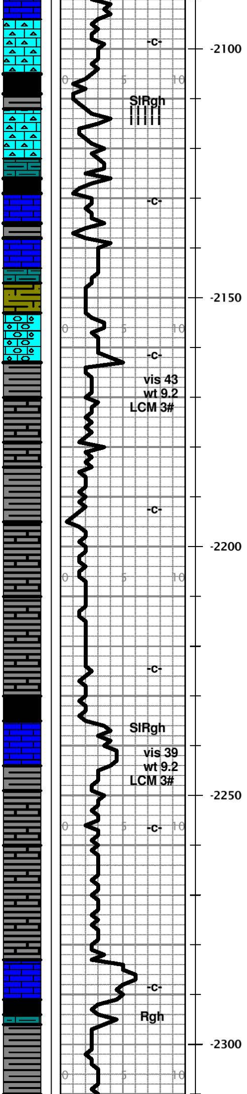
LS: cm-tn-gy, sm mot- Pkst- ool & fos; & fn-MdXln- 2nd ReX; sm prt wh-chlky; pr-Fr Visbl Poro: IGr- I.ool & IXP; Trc SFO-FLR-STN & Cut.

{Trc SFO)

LS: AA; sm mx{microxln) to MdXln w/ Vrr{Very rare) CrsX's- 2nd ReX; w/ Rr{Rare) Gd Vug & IXP; Trc FLR-SFO- STN & Cut; Pred Barren.

{Trc SFO)

LS: cm-tn-gy, prt mx-fnXln w/ Rr MdX's-CrsX's- sm 2nd ReX; sm Wkst-Pkst w/ 2nd ReX; sm pr-Fr Poro; Trc FLR-STN-Cut; >99% Barren; & sm dn Mdst; & sm wh-chlky.



LS: AA; >99% Barren; & dn Mdst & mx-dn; V.Cherty: cm-blu-gy & tn, sharp.

2105' (-722)
STARK

{STARK} SH: V.Abndt bk carb- V.carb SH; & dk gy SH.

{SWOPE} LS: cm-bf, & wh-chlky; sm Wkst & granlr-Pkst; & mx- Vrr fnXln; V.Cherty: wh-blu-gy & tn, opq, shrp; pr-Fr Visbl Poro: IGr & IXP & pp Poro; Trc FLR; Trc SFO & STN & Cut; ~99% Barren.

{Trc SFO)

V.Abndt SH: bk carb- V.carb; & dk gy.
LS: cm-gy-tn- Rr tn-bn O.STN; mx-fnXln, Vrr pr-Fr IXP & IGr.Poro; <5% w/ FLR & O.STN & Cut; Trc SFO.

{Trc SFO)

SH: gy-bk.

LS: gy-bn-wh, Wkst-Pkst, sm prt chlky; pred dn; pr - NVP w/ NS.

SILTS: gn-gy, calc & micac; SH:AA.

Abndt LS: (2170'spl) tn-gy-wh, mot- Pkst- ool & fos, sm prt chlky & sm chlky LS; sm Minrl.FLR; NS; NC; sm argil LS.

2163' (-780)
BASE KANSAS CITY

V.Abndt SH: (>90% in 2180'spl) pred bk & dk gy, subcarb & calc, & sm Lmy w/ sm V.argil LS; sm bk carb SH.

SH: AA; incrs in dk-gy-bk- subcarb, sm pyrtc.

SH: AA; Abndt pyrtc.

SH: AA, sm SILST: dk gy, calc, micac.

SH & incrs in SILTS: AA; Rr Pyrite.

Pred SH: dk gy to bk, sm micac, sm calc.

SH: gn-gy & bk, sm calc & Lmy & fos, & sm bk carb SH.

2235' (-852)
CHECKERBOARD

{Checkerboard} LS: Lt-tn-gy-wh, sm mot- ool & fos- Pkst w/ pr Visbl Poro w/ NS; Abndt dn & mx-fnX & Mdst- Wkst w/ Vpr-NVP; NS.

SH: gn-gy, sm calc; & SILTS: Lt-gy & gn-gy, calc & sm Sndy: Vfn Gr'd, & micac; Trc Sd Clusters: Lt-gy, gn-gy, Vfn Gr'd, V.silty w/ pr Visbl Poro w/ NS; NF; NC; NO;

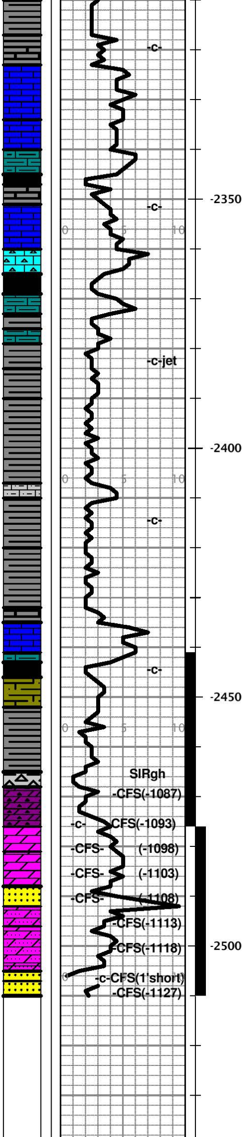
incrs in SH: Lt-dk-gy, sm micac, sm calc.

Pred SH & SILTS: AA; sm calc.

{ALTAMONT} LS: bf-tn-gy, pred dn Mdst-Wkst; Rr wh-chlky; Vpr-NVP w/ NS; sm argil LS w/ NVP; NS.

SH: V.rare (Vrr) bk carb.
LS: gy, dn & argil Mdst.
SH: mrn-rd & gy, sm pyrtc.

Pred SH: V.gt'd; gy-bk, gn-gy, mrn-rd.



SH: pred dk-gy to bk, sm bk carb.

SH: AA; sm pyrtc; sm Lmy & calc.

{PAWNEE} Rr LS in 2330'spl} gy-tn-wh; pred dn Mdst. Abndt LS: gy-tn-wh, pred dn Mdst-Wkst; Rr Pkst, & mx-fnX; & sm chlky; pr-NVP; NS.

LS: AA; & dk-gy-bn, mx-fnX; & gy argil-shly ; pred Vpr-NVP; NS.

SH: bk carb- V.carb

SH-SILTS: gy, calc & sm argil LS.

LS: tn-gy-cm, pred dn- mx & Mdst-Wkst, sm wh-chlky LS; Vsl Cherty.

LS: AA; sm argil; Vpr-NVP; NS.

{CHEROKEE} SH: bk subcarb to V.carb.

LS: gy-tn, crypto-mxln- dn & Mdst, sm argil; Vpr-NVP; NS.
& SH: dk-gy & gn-gy.
LS: gy, & gn-gy; V.argil & dn w/ NVP; NS.

SH: Abndt V.gated SH: mrn-rd, & lt-dk-gn-gy, sm calc & Lmy, & micac & SILTS.

SH: gy-bk, sm bk carb, & Lt-dk-gn-gy, sm mrn-rd; (Vrr LS:AA; NS)

SH: AA; & SILTS: Lt-dk-gy, calc, micac.

LS: gy, V.argil & silty w/ Vpr-NVP; NS.

Abndt SH: AA; pred gy-bk & bk carb; Rr SILTS:AA; NS.

SH: gy-bk, sm micac, sl pyrtc.

{ARDMORE} LS: gy-tn, sm mot; pred dn Mdst & crypto-mx- dn- hd; sm argil; Vpr-NVP; NS

SH: AA; bk carb- V.carb.

SILTS: gy, sm calc & Lmy, micac; & sm V.argil- shly LS.

SH: pred gn-gy, sm bk carb

2470'Drlg.spl}Trc of VIOLA Chert & Dolo w/ FLR-SFO-STN-Cut in 2470' Drlg.spl)
2470'+20min.circ.spl} >60%<70% VIOLA} >60%CHERT: wh-bf-gy; pred prt wthr'd & subtripolitic & prt sharp, w/ pr-Fr Poro w/ spt'd FLR & SlSFO & STN & Cut; ~20% of Chert V.Wthr'd- Tripolitic w/ Fr-Gd vug & IGr- Tripolitic Poro w/ subsat-sat FLR & Lt-tn O.STN, & Fr-Gd SFO & Cut; &<40%DOLO: pred Lt-dk-tn-bn- O.STN, microXln (mx) to fnXln, pred VfnXln- sucro w/ Fr-Gd Poro: m-IXP & IXPoro; pred sat w/ O.STN & V.brt-yel-wh FLR & Fr-Gd SFO- Lt-tn to clr Gsy Free Oil, & Fr-Gd strmg to milky Cut from Dolo & Chert; Strong Odor; (decrs Viola:AA in 40min & 60min.spls).
(2476'+20min.spl} ~70%DOLO: pred rich tn-bn O.STN; mx-fnXln, pred Vfn-fnXln-sucro w/ Fr-Gd IXP & pp- sml Vug Poro w/ sat O.STN & brt FLR & Fr-Gd SFO & Cut; Rr Dolo w/ semi- dn matrix w/ vug Poro w/ spt'd- mot FLR & STN & FrSFO & Cut; Cherty:AA; Vrr Sndy Dolo: gy-tn, mx-fnXln, w/ fn-Md Rnd'd Sd Gr's w/ pr-Fr Visbl Poro w/ spt'd FLR-STN & Sl-Fr SFO & Cut; Trc Dolomic SS: Sd Clusters; Vfn-MdGr'd, Rnd'd- subanglr w/ dolomc cmt; pr-Fr Visbl Poro w/ spt'd-sat FLR & STN & SlSFO & Cut; Strong Odor; (decrs Viola in 40min & 60min spls).

(2481'drlg&circ.spls} Abndt Dolo: bf-tn, cm-gy, pred mx-VfnXln, sm prt dn w/ pr - NVP & prt Barren; ~50% mx-fnXln w/ Fr-Gd Poro: pp- vug & IXP w/ sat rich tn-bn O.STN & brt FLR & Fr-Gd SFO & Cut & Cut; & Dolomic Pkst: cm-bf-gy, mx-MdXln, pred pr-Fr Visbl Poro w/ spt'd FLR & STN & VSl-SlSFO & Cut; & sm prt Md-CrsXln ~20% w/ Fr-Gd IXP & IGr & vug Poro w/ subsat- sat brt FLR & tn-bn O.STN & Fr-Gd SFO & Cut, Fr Odor.

2323' (-940)
PAWNEE

2365' (-982)
CHEROKEE

2435' (-1052)
ARDMORE

FUD MUD@2456:
Wt 9.2, Vis 49
PV 19, YP 11
pH 9.5, WL 8.4
Cl 1000, LCM 4#

2465' (-1082)
VIOLA
{Fr-Gd SFO)

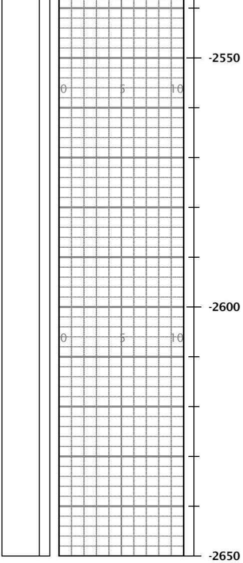
{Fr-Gd SFO)

2488' (-1105)
SIMPSON GRP
{Sl-Gd SFO)

2505' (-1122)
SIMPSON SS
{Sl-Gd SFO)
2510' (-1127)/RTD
2509' (-1126)/LTD

DST #1 VIOLA
2441'-2476'
30-45-45-90min
1st Op: 7/8" blow in 15 min.
7/8" blow in 30 min, No BB
2nd Op: No blow
Rec: 40'TF:
10' FO (37.5 grav)
30' OCM
(10%O,90%M)
Tool Spl:
25%O,75%M
IHP: 1136
IFP: 45-60
ISIP: 150
FFP: 60-75
FSIP: 147
FHP: 1134
BHT: 105 F

DST #2 Lwr Viola & SIMPSON
2476'-2510'
30-45-45-60min.
1st Op:Strong blow
BOB in 13 min
No BB
2nd Op: Incrs to 8", No BB
Rec: 340' TF:
3' CO
150'OSMCW
(1%O,69%W,
30%M)
187'MCW
(80%W,20%M)
Tool Spl:
5%O,60%M
35%W
Cl: 18,500 ppm
IHP: 1150
IFP: 36-149



(2486'drlg&circ.spls} (~50%Viola &~50%SH cavings) Dolomic Pkst: AA, mx-MdXln; sm prt CrsXln- 2nd ReX; ~60% w/ Vpr-pr visbl Poro & prt dn & prt Barren; ~40% w/ Fr-Gd IXP & vug Poro w/ subsat- sat FLR & tn-bn O.STN & Fr-Gd SFO & Cut, Trc dead (dd) Stn; Frly Strong Odor.

(2491'circ.spls} >90% Dolo & Dolomc.Pkst: AA; & SIMPSON GRP} <10% SS: Sd Clusters: pred w/ rich tn-bn O.STN, sm transl-gy-wh, Vfn-Md Gr'd, well Rnd'd to subanglr, mod-Hi Sphr; pred Fr-Gd-IGr Poro w/ sat tn-bn O.STN & brt FLR, & Fr SFO & Cut, Vrr GdSFO & Cut, sm F.Sd Gr's: pred fn-Md Rnd'd Gr's; Frly Strong Odor.

(2497'drlg&circ.spls} Pred Simpson Sndy Dolo: bf-gy, mx-VfnXln, & Vfn-fn Gr'd; pred pr visbl IXP & IGr.Poro; Rr spt'd-subsat O.STN & FLR, pred SlSFO & Cut, & Rare (Rr) Dolomic Sd Clusters: bf-gy, w/ sm tn-bn & bk STN; Vfn- Md Gr'd, Rnd'd Gr's; pr - Fr Visbl Poro w/ spt'd-subsat STN & FLR; Vrr Fr-Gd SFO & Cut; Vrr bk dead (dd) Stn; Fr Odor.
(2501'drlg&circ.spls} Sndy Dolo & Dolomic SS- Sd Clusters: AA,~20% w/ pr-Fr Visbl Poro w/ spt'd-subsat O.STN & FLR & SlSFO & Cut; ~10% Fribl w/ Fr-Gd Poro w/ subsat FLR & O.STN & Fr-Gd SFO & Cut, Fr Odor.

2507'drlg&circ.spl} Sndy Dolo: cm-bf-gy, mx-Vfnxln, Vfn-MdGr'd, well Rnd'd to Rnd'd Gr's; & Dolomic SS- Sd Clusters: cm-gy-bf, Vfn-MdGr'd, pred well Rnd'd- Rnd'd Gr's in a dolomic matrix; Vrr subRnd'd to subanglr; Pred pr-Fr Visbl Poro w/ spt'd to subsat O.STN & FLR & VSl-SlSFO & Cut; Vrr Fribl w/ Fr-Gd IGr.Poro w/ subsat-sat FLR & O.STN & Fr-GdSFO & Cut; {Simpson SS} sm Free Sd Gr's: Vfn-Md Gr'd well Rnd'd to Rnd'd: Frly Strong Odor.
2510'circ.spls} AA; incrs in Dolomic SS-Sd Clusters: cm-gy-bf, w/ tn-bn O.STN; Vfn-Md Gr'd, pred V.well Rnd'd to Rnd'd w/ mod-Hi Sphr; sm subfriabl to friabl w/ Fr-VrrGd IGr.Poro w/ spt'd- subsat O.STN & FLR & Sl-Fr SFO & Cut; Vrr GdSFO-STN-FLR&Cut; V.Abndt Free Sd Gr's: fn - Upr Crs Gr's, pred V.well Rnd'd to Rnd'd Gr'd, Hi-mod Sphr; Rr subRnd'd to subanglr, Rare FLR on F.Sd Gr's in wet spl; Frly Strong Odor.

ISIP: 268
FFP: 142-172
FSIP: 224
FHP: 1141
BHT: 105 F

VESS OIL CORP
LISTER 'A' #40
1980'FSL&2310'FEL
Sec 32-25S-05E
BUTLER CO., KS
15-015-24066

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: LISTERA40DST2

TIME ON: 15:50
TIME OFF: 00:19

Company Vess Oil Corp
Lease & Well No. Lister A #40
Contractor C&G Drilling, Rig #2
Charge to Vess Oil Corp
Elevation 1383' KB Formation Simpson Sand Effective Pay ______ Ft. Ticket No. F440
Date 8-29-16 Sec. 32 Twp. 25S S Range 5E W County Butler State KANSAS
Test Approved By Roger Martin
Diamond Representative Jake Fahrenbruch

Formation Test No. 2 Interval Tested from 2476 ft. to 2510 ft. Total Depth 2510 ft.
Packer Depth 2471 ft. Size 6 3/4 in. Packer depth ----- ft. Size 6 3/4 in.
Packer Depth 2476 ft. Size 6 3/4 in. Packer depth ----- ft. Size 6 3/4 in.
Depth of Selective Zone Set -----

Top Recorder Depth (Inside) 2477 ft. Recorder Number 5951 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 2478 ft. Recorder Number 5584 Cap. 5000 P.S.I.
Below Straddle Recorder Depth ----- ft. Recorder Number ----- Cap. ----- P.S.I.

Mud Type CHEMICAL Viscosity 45 (3#LCM) Drill Collar Length 240 ft. I.D. 2 1/4 in.
Weight 9.0 Water Loss 8.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in
Chlorides 900 P.P.M. Drill Pipe Length 2,208 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number #5 J&SJ Test Tool Length 28 ft. Tool Size 3 1/2-IF in

Did Well Flow? NO Reversed Out NO Anchor Length 34 ft. Size 4 1/2-FH in

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in

Blow: 1st Open: Strong blow @ BOB in 13 minutes. No BB

2nd Open: Blow increased to 8". No BB

Recovered 3 ft. of Free Oil 100% oil

Recovered 150 ft. of OSMCW 1% oil, 69% wtr, 30% mud

Recovered 187 ft. of MCW 80% wtr, 20% mud

Recovered ft. of

Recovered ft. of

Recovered ft. of TOTAL RECOVERED FLUID: 340'

Remarks: TOOL SAMPLE: SOCWM 5% o, 35% w, 60% m

Chloride: 18,500 PPM RW: .34 @ 75 F PH: 8.0

Price Job	
Other Charges	
Insurance	
Total	

Time Set Packer(s) 17:45 A.M. P.M. Time Started Off Bottom 20:45 A.M. P.M. Maximum Temperature 105 F

Initial Hydrostatic Pressure................ (A) 1150 P.S.I.

Initial Flow Period.......... Minutes 30 (B) 36 P.S.I. to (C) 149 P.S.I.

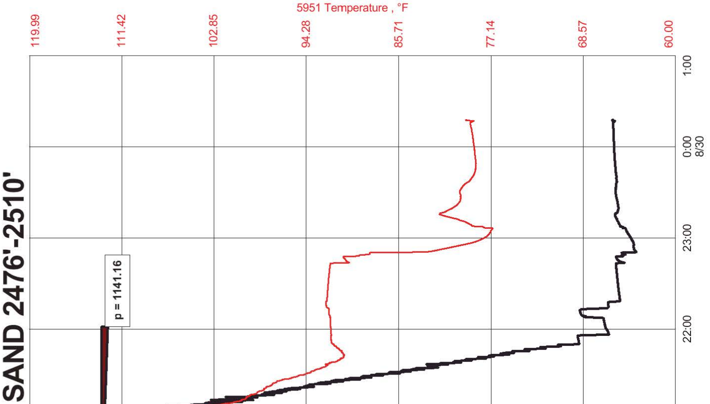
Initial Closed In Period.......... Minutes 45 (D) 268 P.S.I.

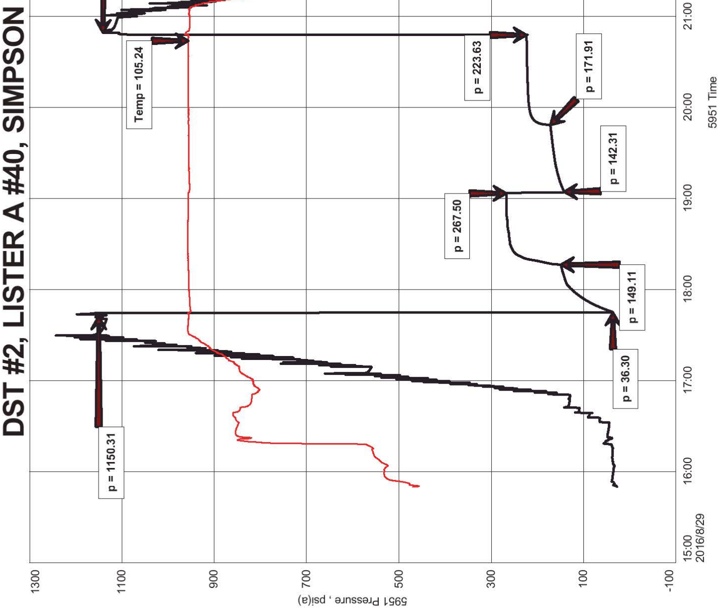
Final Flow Period.......... Minutes 45 (E) 142 P.S.I. to (F) 172 P.S.I.

Final Closed In Period.......... Minutes 60 (G) 224 P.S.I.

Final Hydrostatic Pressure................ (H) 1141 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.




DST #2, LISTER A #40, SIMPSON

C:\Users\Diamond Testing 5\Desktop\Drill-stem Test\listera40dst2.fkt 30-Aug-16 Ver

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET
FILE: LISTERA40DST2

ON LOCATION:
START RECORDERS: 15:50
STOP RECORDERS: 00:19

Company Vess Oil Corp Lease & Well No. Lister A #40
Contractor C&G Drlg, Rig #2 Charge to Vess Oil Corp
Elevation 1383' KB Formation Simpson Sand Effective Pay ___ Ft. Ticket No. F440
Date 8-29-16 Sec. 32 Twp. 25s Range 5E County Butler State KS
Test Approved By Roger Martin Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 2 Interval Tested from 2476 ft. to 2510 ft. Total Depth 2510 ft.
Packer Depth 2471 ft. Size 6 3/4 in. Packer depth — ft. Size 6 3/4 in.
Packer Depth 2476 ft. Size 6 3/4 in. Packer depth — ft. Size 6 3/4 in.
Depth of Selective Zone Set —

Top Recorder Depth (Inside) 2477 ft. Recorder Number 5951 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 2478 ft. Recorder Number 5584 Cap. 5000 P.S.I.

Below Straddle Recorder Depth ——— ft. Recorder Number ——— Cap. ——— P.S.I.

Mud Type *Chemical* Viscosity *45 (3#LCM)* Drill Collar Length *240* ft. I.D. 2 1/4 in.

Weight *9.0* Water Loss *8.4* cc. Weight Pipe Length ——— ft. I.D. 2 7/8 in.

Chlorides *900* P.P.M. Drill Pipe Length *2208* ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number *#5 J&J* Test Tool Length *28* ft. Tool Size 3 1/2-IF in.

Did Well Flow? ___ Reversed Out ___ Anchor Length *34* ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size *4½ XH* in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: *Strong blow @ BOB in 13 minutes. No BB*

2nd Open: *Blow increased to 8". No BB*

Recovered *3* ft. of *Free Oil* *100% oil*

Recovered *150* ft. of *OSMCW* *1% oil, 69% wtr, 30% mud*

Recovered *187* ft. of *MCW* *80% wtr, 20% mud*

Recovered ——— ft. of

Recovered ——— ft. of

Recovered ——— ft. of

Price Job

Other Charges

J#5 Jnt

Total

Remarks: *TOTAL RECOVERED FLUID: 340'*

TOOL SAMPLE: SOCWM 5% oil, 35% wtr, 60% mud

Chlorides: 18,500 PPM RW: .34 @ 75° PH: 8.0

Time Set Packer(s) *17:45* A.M. P.M. Time Started Off Bottom *20:45* A.M. P.M. Maximum Temperature *105°F*

Initial Hydrostatic Pressure .... (A) *1150* P.S.I.

Initial Flow Period .... Minutes *30* (B) *36* P.S.I. to (C) *149* P.S.I.

Initial Closed In Period .... Minutes *45* (D) *268* P.S.I.

Final Flow Period .... Minutes *45* (E) *142* P.S.I. to (F) *172* P.S.I.

Final Closed In Period .... Minutes *60* (G) *224* P.S.I.

Final Hydrostatic Pressure .... (H) *1141* P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

DIAMOND TESTING

DIAMOND TESTING GENERAL REPORT

Jake Fahrenbruch, Tester

Cell: (620) 282-8977 / Office: (800) 542-7313

TEST INFORMATION

Well Name	**Lister A #40**
Company Name	**Vess Oil Corp**
Formation	**DST #2, Simpson Sand, 2476'-2510'**
Test Type	**Bottom-Hole w/J&J**
Surface Location	**Sec 32-25s-5e-Butler Co.-KS**
KB Elevation (SL)	**1383.000**
Gauge Name	**5951**
Start Test Date	**2016/08/29**
Start Test Time	**15:50:00**
Final Test Date	**2016/08/30**
Final Test Time	**00:19:00**
Job Number	**F440**
Contact	**Casey Coats**
Site Contact	**Roger Martin**

TEST RESULTS

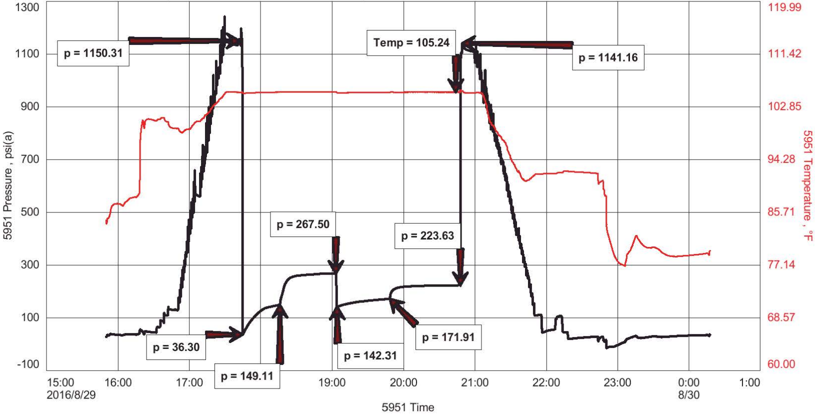
Initial flow, strong blow @ BOB in 13 minutes. No BB
Final flow, blow increased to 8". No BB

TOTAL RECOVERED FLUID: 340'

3'	**Free Oil**	**100% oil**
150'	**OSMCW**	**1% oil, 69% wtr, 30% mud**
187'	**MCW**	**80% wtr, 20% mud**

----- **TOOL SAMPLE: SOCWM** **5% oil, 35% wtr, 60% mud**
----- **Chlorides: 18,500 PPM**
----- **RW: .34 @ 75 F**
----- **PH: 8.0**

DST #2, LISTER A #40, SIMPSON SAND 2476'-2510'



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET
FILE: LISTERA40DST1

TIME ON: 15:30
TIME OFF: 23:21

Company Vess Oil Corp
Lease & Well No. Lister A #40
Contractor C&G Drilling, Rig #2
Charge to Vess Oil Corp
Elevation 1383' KB Formation Viola
Effective Pay ____ Ft. Ticket No. F439
Date 8-28-16 Sec. 32 Twp. 25S S Range 5E W County Butler State KANSAS
Test Approved By Roger Martin
Diamond Representative Jake Fahrenbruch

Formation Test No. 1 Interval Tested from 2441 ft. to 2476 ft. Total Depth 2476 ft.
Packer Depth 2436 ft. Size 6 3/4 in. Packer depth ----- ft. Size 6 3/4 in.
Packer Depth 2441 ft. Size 6 3/4 in. Packer depth ----- ft. Size 6 3/4 in.
Depth of Selective Zone Set -----

Top Recorder Depth (Inside) 2442 ft. Recorder Number 5951 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 2443 ft. Recorder Number 5584 Cap. 5000 P.S.I.
Below Straddle Recorder Depth ----- ft. Recorder Number ----- Cap. ----- P.S.I.

Mud Type CHEMICAL Viscosity 49(4#LCM) Drill Collar Length 240 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 8.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in
Chlorides 1,000 P.P.M. Drill Pipe Length 2,173 ft. I.D. 3 1/2 in
Jars: Make STERLING Serial Number #5 J&SJ Test Tool Length 28 ft. Tool Size 3 1/2-IF in
Did Well Flow? NO Reversed Out NO Anchor Length 35 ft. Size 4 1/2-FH in
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in

Blow: 1st Open: Weak blow, increased to .875". No blowback

2nd Open: No blow.

Recovered 10 ft. of Free Oil 100% oil
Recovered 30 ft. of OCM 100% oil, 90% mud
Recovered ft. of 37.5 gravity oil @ 60 Deg F
Recovered ft. of TOTAL RECOVERED FLUID: 40'
Recovered ft. of TOOL SAMPLE: HOCM 25% oil, 75% mud
Recovered ft. of
Remarks:

226 MRT(PRATT) Ran jars and safety-joint on test.

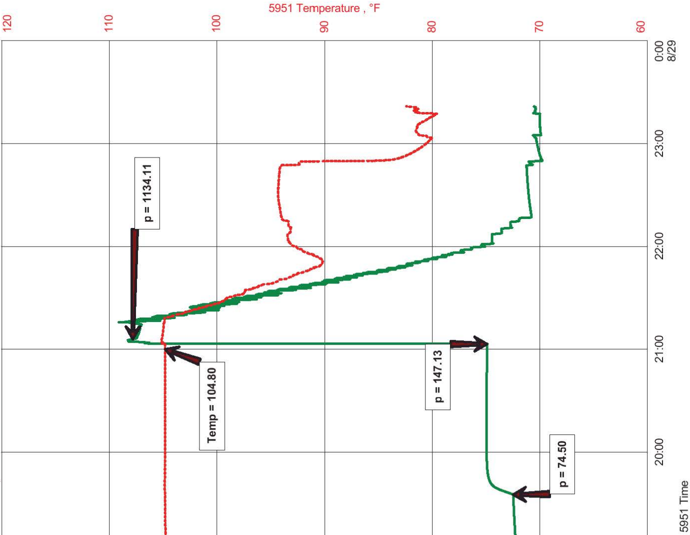
Price Job
Other Charges
Insurance
Total

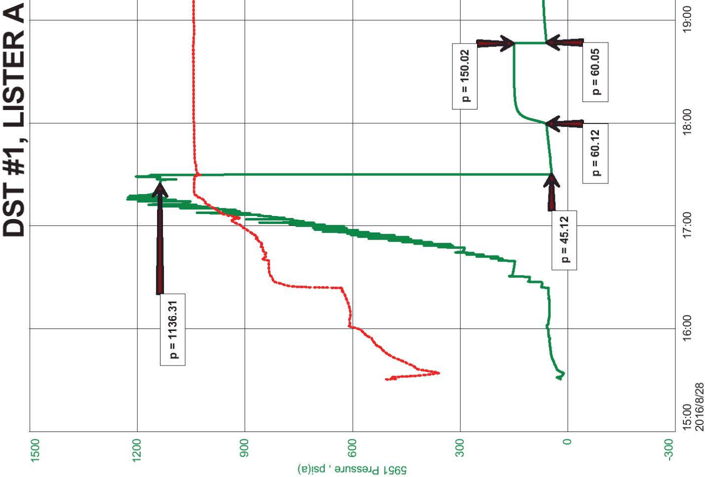
Time Set Packer(s) 17:30 A.M. P.M. Time Started Off Bottom 21:00 A.M. P.M. Maximum Temperature 105 F

Initial Hydrostatic Pressure		(A)	1136 P.S.I.		
Initial Flow Period	Minutes 30	(B)	45 P.S.I. to (C)	60 P.S.I.	
Initial Closed In Period	Minutes 45	(D)	150 P.S.I.		
Final Flow Period	Minutes 45	(E)	60 P.S.I. to (F)	75 P.S.I.	
Final Closed In Period	Minutes 90	(G)	147 P.S.I.		
Final Hydrostatic Pressure		(H)	1134 P.S.I.		

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

#40, VIOLA 2441'-247'





C:\Users\Diamond Testing 5\Desktop\listera40dst1 28-Aug-16 Ver

DIAMOND TESTING GENERAL REPORT

Jake Fahrenbruch, Tester

Cell: (620) 282-8977 / Office: (800) 542-7313

TEST INFORMATION

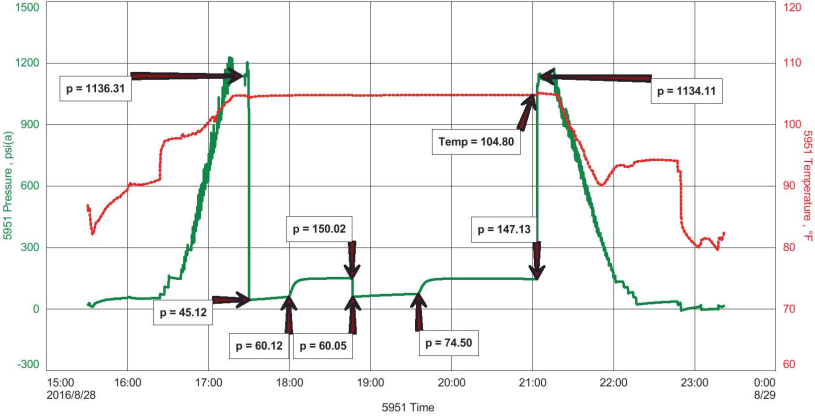
Well Name	**Lister A #40**
Company Name	**Vess Oil Corp**
Formation	**DST #1, Viola, 2441'-2476'**
Test Type	**Bottom-Hole w/J&SJ**
Surface Location	**Sec32-25s-55e-Butler Co.-KS**
KB Elevation (SL)	**1383.000**
Gauge Name	**5951**
Start Test Date	**2016/08/28**
Start Test Time	**15:30:00**
Final Test Date	**2016/08/28**
Final Test Time	**23:21:00**
Job Number	**F439**
Contact	**Casey Coats**
Site Contact	**Roger Martin**

TEST RESULTS

Initial flow, weak blow, increased to .875".
Final flow, no blow.

TOTAL RECOVERED FLUID: 40'

10'	**Free Oil**	**100% oil**
30'	**OCM**	**10% oil, 90% mud**
-----	**Tool Sample: HOCM**	**25% oil, 75% mud**
-----	**37.5 gravity oil @ 60 Deg F**	

DST #1, LISTER A #40, VIOLA 2441'-247'