ROGER L. MARTIN

INDEPENDENT PETROLEUM GEOLOGIST 316-250-6970

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY VESS OIL CORPORATION

LEASE WILSON 'A' # 450

FIELD EL DORADO

LOCATION 330' FNL & 1050' FEL

SECTION 8 **TOWNSHIP** 25S **RANGE** 5E

COUNTY BUTLER **STATE** KANSAS

ELEVATIONS

KB 1391' **GL** 1385'

Measurements Are All From KB: 1391'

API 15-015-24024-00-00

CONTRACTOR C & G DRILLING; RIG #1

SPUD 10/22/2014 **COMP** 10/26/2014

RTD 2484' (-1093) **LTD** n/a

ELECTRICAL SURVEYS

No Open Hole E-logs

CASING

SURFACE 6 jts 8-5/8" set @ 260' w/165 sx Class A, 3% cc

PRODUCTION 60 jts 5-1/2" set @ 2476' KB w/125 sx Thickset

FORMATION TOPS	LOG	SAMPLES
ADMIRE 550	NP	
ADMIRE 650	NP	
BURLINGAME	851' (+540)	
WHITE CLOUD LM	944' (+467)	
WHITE CLOUD SD	955' (+436)	
TOPEKA	1107' (+284)	
OREAD	1413' (-22)	
HEEBNER	1451' (-60)	
DOUGLAS	1482' (-91)	
LANSING	1726' (-335)	1727' (-336)
BASE/LANSING	1853' (-462)	
KANSAS CITY	2005' (-614)	2004' (-613)
STARK	2109' (-718)	
BASE/KANSAS CITY	2173' (-782)	2168' (-777)
CHECKERBOARD	2249' (-858)	2250' (-859)
HEPLER SAND	NP	NP
ALTAMONT	2292' (-901)	
CHEROKEE	2368' (-977)	
ARDMORE	2427' (-1036)	2427' (-1036)
VIOLA	2475' (-1084)	2473' (-1082)
RTD	2486' (-1095)	2484' (-1093)

CHRONOLOGY

10/21/2014- MIRU C&G Drilling, Rig #1. Drill rathole, start @ 10:30 AM; Drill Kelly down.

10/22/2014- SPUD 12-1/4" hole @ 8 AM. TD 12-1/4" hole @ 262' @ 12:40 PM. Tongs broke breaking drill collar, got replacement ones. Run 6 jts 8-5/8" 23#/ft csg= 252'; Set @ 260' KB. Survey @ 262'= 1/4 deg. Consolidated Cement w/165 sx Class A, 3% cc...circ. Good Cement. Plug down @ 4:40 PM 10/22/2014.

10/23/2014- Drlg @ 1215'. Drill under surface @ 12:45 AM Survey @ 778'= 1/4 deg. Mud up @ 1600'.

10/24/2014- Differrentially stuck, But @ 2080'. Spotted 40 bbl tank bottom oil @ 11 PM. 7 AM pulled 5000 strain on pipe, plus torqued table up 6 turns. Moved oil. Leave strain for several hours to see if free up. 10:30 AM Circ tank bottoms out. Get 30 bbl CO & spot. Try early AM.

10/25/2014- 3 AM Drill pipe free, trip out of hole. SHS @ 2391'= 3/4 deg. TIH w/button bit. 8:30 AM back drilling. Circulate @ 5' intervals from 2450' to 2484'. Run DST #1: 2431'-2484'.

10/26/2014- RTD 2484'. Pulling DST #1.
No Open hole Electric Logs run.

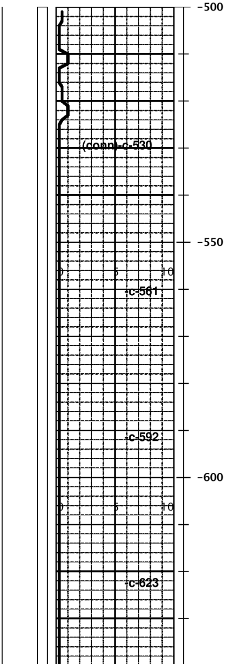
REMARKS:

CASING JOB (C. COATS, VOC): Ran 60 jts of 5 1/2" 15.5#/ft J-55 casing, Tally= 2479.41', Plus Packer Shoe= 2.50'. Total = 2481.91', Set @ 2476' KB. Put on 6 centralizers and 1 basket. Tagged TD @ 2484' and picked back up 8', Circ 20 min. Packer shoe set @ 1500#. Circ for 15 min. Pump 500 gal mud flush, Cement rathole with 25 sx. Consolidated Services cemneted w/125 sx Thickset w/5#/sk Kolseal. Lift pressure to 500#. Land plug @ 1250# @ 5:10 PM 10/26/2014. Release, it held. Set slips and cut off casing.

*Cased Hole 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**



530' spl} Pred SH: gy-blk, sm micac.
sm LS: gy-cm, tn, Pred dn Mdst, Rr Wkst- Pkst, Pr- NVP, NS.

560' spl} Pred SH: AA, sm blk carb & LS: AA, Pred dn Mdst, sm Wkst- Pkst, fos, Sl Cherty, Pr- NVP, NS.

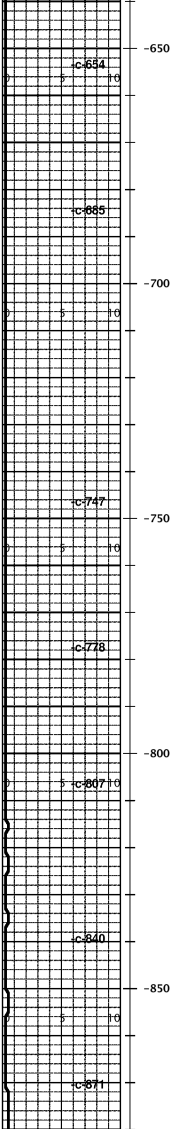
592' spl} SH: AA & gy SILTST- sm pyrtc.
Incrs LS: lt gy, Mdst- sm argil & sm pyrtc.

623' spl} Pred SH: AA. sm SILTST: gy, micac & sndy.
SD CLUST: ~5%<10% SS: gy, Vfn- fn Gr'd, anglr- Rnd'd, PRed silty, micac, well cmt'd, VRr fribl w/Fr- Gd Por, NS, NF, NC.

654' spl} Pred SH: Vgt'd, gy-blk, gn-gy & rd, Rr Sd Clust, AA. NS. Rr LS: gy, dn- mx, VSl fos & Mdst.

685' spl} Pred SH: AA, Rr Sd Clust, AA. NS. Rr LS: gy, dn, mx & Mdst & argil, NS.

DRILLING W/PDC BIT
KELLY DOWN SAMPLES



716' spl} Pred SH: AA & SILTST & silty Sd Clust, AA w/NS. NF. NC.
sm LS: md-dk gy, dn Mdst & dn- mx & argil, VPr- NVP, NS.

747' spl} Pred SH: lt-dk gy & SILTST: lt-dk gy, micac, sm sndy & silt SD CLUST: lt gy-bf, Vfn- fn Gr'd, well cmt'd-fribl, Pr- Fr Por, Trc Gd Por. NS. NF.

778' spl} Pred SH: lt-dk gy & blk & SILTST: lt-dk gy, micac, VRr Sd Clust, AA. NS.

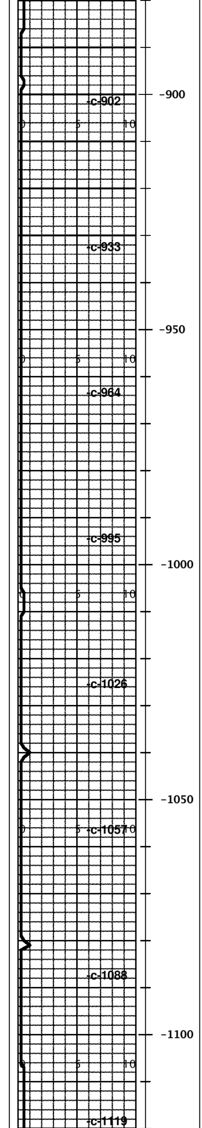
809' spl} sm LS: cm-bf-tn, dn Wkst- Pkst, sm sndy- Vfn- fn Gr'd & sm argil, Pr- NVP.
SS- SD CLUST: gy, Vfn-fn Gr'd, sm calc & lmy & silt-argil, VPr- Pr visbl Por, NS.

840' spl} Abndt Silty SD CLUST & Sndy SILTS: AA w/NS. & silty-sndy LS, AA.
VRr Vfn-fn Gr'd SD CLUST w/Fr- Gd Por w/NS, NF, NC.
sm LS: cm-bf, Wkst- Pkst & mx- Vfnx w/Pr- NVP, NS.

SHS @ 778'= 1/4 deg

871' spl} Incrs SH: Pred gy-bk, sm carb.
Shrp Incrs LS: bf-tn-wh, Pred dn Mdst & cryptox- mx- dn, sm semichlky, VPr- NVP, NS. (sm silty Sd Clust, AA w/NS)

902' spl} VAbndt LS: bf-lt tn, wh, Pred dn- mx- Vfnx, & Mdst w/VPr- NVP w/NS. sm chlky & Rr Wkst- Pkst w/Pr visbl Por w/NS, & mx- fnxln w/Pr visbl IX Por w/NS.



933' spl} Abndt LS: AA & gy argil LS w/VPr- NVP & NS.
Incrs SH: gy-blk, sm carb.
sm LS: cm-gy-bf, sm Pkst, sm prt sndy- Vfn- fn Gr'd w/Pr- Fr Por, NS.
sm SS- SD CLUST: gy-bf, Vfn- fn Gr'd, Rnd'd- subanglr, well cmt'd- fribl w/Pred Pr- Fr Por, NS. sm Vcalc & lmy & silty Sd Clust. NS. NF. NC.

964' spl} Incrs SH- SILTST: dk-lt gy & gn & blk, sm micac, decrs Sd & LS, AA.

995' spl} sm LS: tn-gy-wh, sm mot fos Pkst & mx- fnx, sm argil, Rr sndy, Trc VPr- Pr Por w/FLR- SFO- STN- Cut.
VRr SD CLUST- SS: gy-bf, gn-gy, Vfn- fn Gr'd, Rnd'd- subanglr, well cmt'd to fribl w/Pr- Fr Por, Trc Gd Por, <5% Vfn Gr'd & fribl w/Fr- Gd Por, subsat- sat FLR & STN & Sl SFO.
Trc Sndy SILTST: gy-tn, micac w/FLR- STN- SFO & mlky Cut, VSl Odor.

{Sl SFO)

1026' spl} < 5% (~1%) SILTY SD CLUST: AA w/Por-FLR-STN-SFO & Cut, VSl Odor on brk.
sm gy SH: AA.
sm LS: cm-bf-gy, Mdst- Wkst, sm argil, sm wh-chlky, VPr-NVP, NS.

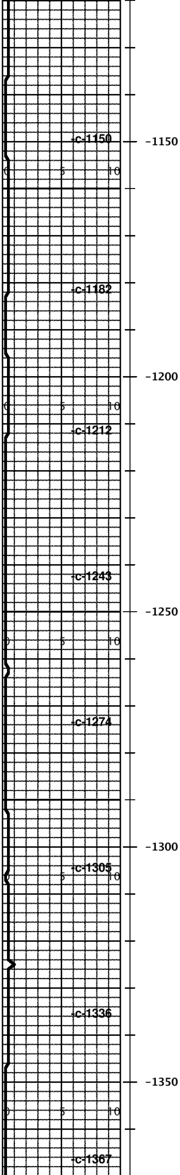
1057' spl} Incrs LS: AA & tn-gy-wh, mot, fos Pkst w/VPr-NVP, NS.
(Trc Sd Clust AA w/FLR-STN-SFO & Cut).
& SH: Vgt'd, sm calc & lmy.

1088' spl} sm LS: gy-tn-wh, sm mot Pkst- Wkst & sm Mdst w/VPr- NVP, NS. (Trc silty Sd Clust w/FLR- STN- SFO-Cut)

SH: gy-blk & gn-gy & SILTS.

1119' spl} SH: AA. Abndt LS: wh-gy-tn, Pred dn Mdst-Wkst, Rr Pkst, AA, VPr- NVP, NS.

1151' spl} SH: AA & Abndt LS: wh-gy-tn, prt chlky, prt dn Mdst & Wkst, Rr Pkst, sm fnx- Mdx- 2nd ReX, Pr- NVP, NS.



1181' spl} LS: AA & SH: gy-blk & SILTS: AA.

1212' spl} SH: AA, Abndt LS; wh-tn-gy, sm chlky, & mx-fnxln,, & Wkst- Pkst, sm grnlr, Rr Pr- Fr IGr Por, IX Por, Trc FLR- SFO- STN & Cut, ~99% barren.

{Trc SFO)

1243' spl} LS: AA, Abndt Pkst, Prt chlky, Trc Por w/STN-FLR-SFO- Cut. & SH: lt-dk gy.

1274' spl} SH: AA & sm blk carb.
LS: wh-tn-gy, Abndt mot Pkst, sm prt chlky, sm mxln-fnxln VRr Mdx- 2nd ReX, Sl Cherty, Pred Pr- NVP, NS.
sm dull MNRL FLR, NS, NC.

1305' spl} sm SH: gy-blk.
VAbndt LS: tn-wh, mx- fnx, VRr MdX- CrsX's- 2nd ReX, Red dn- Pr Por, NS, Trc Fr Por, <5% w/FLR- Trc SFO-STN & Cut. >95% barren.

{Trc SFO)

1336' spl} SH:AA. LS: AA, Trc FLR- SFO- STN- Cut, sm argil- dn LS.

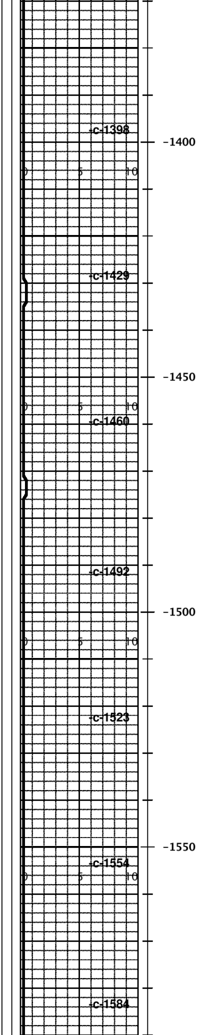
1367' spl} SH: Vgt'd & sm blk carb SH.
Abndt LS: wh-tn-gy, prt chlky, sm mx- fnxln, Wkst- Pkst-fos, sm Pr- Fr Por, Trc FLR- SFO- STN & Cut; >95% barren. Abndt dn LS, sm argil.

{Trc SFO)

SHS @ 1336'= 1/4 deg

1398' spl} Abndt LS: AA & mx- fnxln, sm Pr- Fr IX & IGr Por, <5% w/FLR & Trc SFO- STN & Cut.
Abndt SH: gy-blk & gn-gy, Rr rd.

{Trc SFO)



1429' spl} Incrs SH: Pred gy-blk- SILTST, sm micac & LS: AA; prt chlky Wkst- Pkst w/Pr Por, Trc FLR- SFO- STN & Cut.

1460' spl} Incrs VAbndt LS: wh-bf, prt chlky- subchlky, grnlr Pkst & Wkst & mx- Vfnxln, VRr fnx- Mdx- 2nd ReX, ~5% w/Pr- Fr Por: IX Por, IGr Por w/spt'd- sat FLR, VLt STN, Sl SFO & Cut, Sl Odor.

1492' spl} SH: AA & blk carb SH.
& LS: AA, Abndt Pkst- Wkst, prt chlky & mx- fnxln, Pr- Fr Por, <5% w/FLR- Trc STN, VSl SFO. >95% barren, sm dn Mdst & Wkst.

1523' spl} VAbndt LS: tn-wh, Pred dn Mdst & mx- fnx- dn, prt chlky w/VPr- NVP, NS. sm SH: AA.

1554' spl} Pred SH- SILTST: micac, VRr SD CLUST- SS: gy, Vfn Gr'd, silty, micac & well cmt'd- calc, Pr- VPr Por. NS. NF. NC.

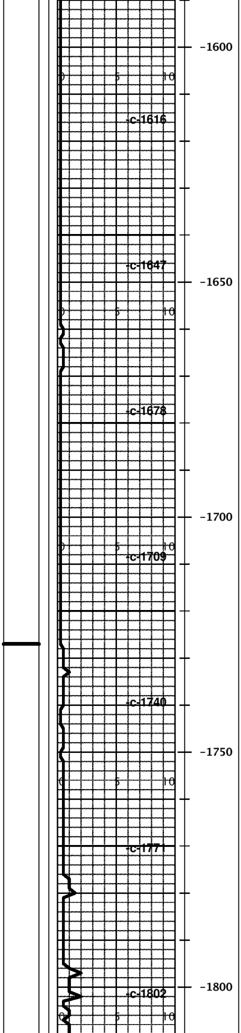
1584' spl} VRr SD CLUST: AA, VPr- Pr visbl Por, NS. NF. NC. Pred SH & SILTST: dk-lt gy, sm micac.

1616' spl} Pred SH: dk gy-blk & SILTST: md- dk gy, Abndt micac, Rr sndy Siltst & silty SS- SD CLUST: Vfn- fn Gr'd, VPr- Pr Por. NS. NF. NC.

{Trc SFO)

{Sl SFO)

{VSl SFO)



1647' spl} SH: AA & SILTST: sm micac. (~100% SH-SILTS)

1678' spl} ~90% SH: dk gy- blk, sm sndy Siltst & silty SS: Vfn- fn Gr'd, well cmt'd, VPr- Pr Por, NS.
VRr LS: wh-tn, chlky to dn, trc fos Pkst, NS.

1709' spl} >90% SH: AA dk gy-blk, sm Silts & silty SS- Sd Clust, AA w/VPr- Pr Por, NS. Trc LS: AA.

1740' spl} ~40% SH: AA & ~60% LS: tn-wh, Wkst- Pkst, mx- Vfnxln, Pr- VPr Por, NS.

1771' spl} >10% <20% SH: AA, gy-blk.

JET- START MUD UP

1727' (-336)
LANSING

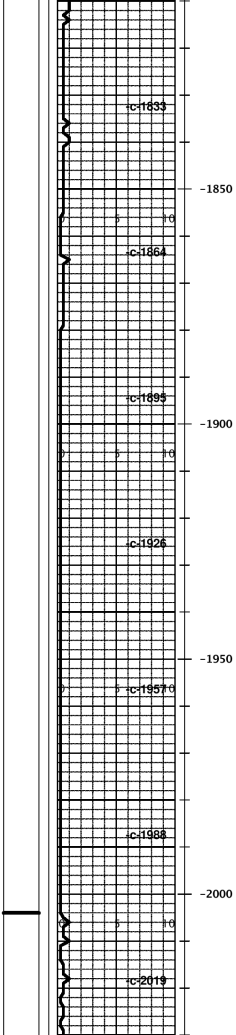
1771' spl cont'd} VAbndt {LANSING} LS: wh-tn, Pred dn & chlky, sm mx- fnx, sm Wkst- Pkst, Pr- NVP, NSFO, Trc brt FLR- NFO.

1802' spl} VAbndt LS: tn-gy-wh, Pred dn Mdst, mx- fnx-dn, Rr fnxln w/2nd ReX & IX Por & Wkst- Pkst w/Pr- Fr Por, <5% w/FLR- SFO, Trc STN & Cut.

{VSI SFO)

1833' spl} >90% LS: wh-tn, prt chlky, Rr fos Wkst- Pkst & mx- fnxln w/Pr- Fr Por, <5% w/FLR- VSI SFO, Trc STN & Cut, >95% barren w/VPr- NVP- chlky to dn.

{VSI SFO)



1864' spl} >60% LS (<75% LS) tn-wh & gy, Abndt mot Pkst & mx- fnxln, sm chlky, sm grnlr, sm Pr- Fr Por: IX Por, IGr Por, <5% w/FLR, VSl SFO- Cut & STN, >95% w/Pr- NVP w/NS.

{VSI SFO)

Incrs SH: gn-gy & blk, VRr rd-mrn.

1895' spl} Shrp Incrs SILTS- SH: gn-gy, sm calc (~70% SH- SILTS & ~30% LS, AA)

1926' spl} >80% SH- SILTS: AA, <20% LS: AA.

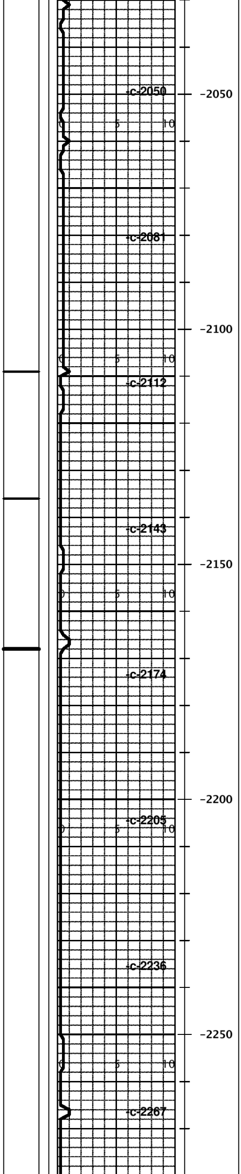
1957' spl} >90% SH: Pred dn gy, sm calc, micac.

1988' spl} >95% SH: AA, trc pyrtc.

2019' spl} Pred dk gy, sm blk, sm calc & lmy SH. VRr LS: tn & gy, argil, prt shly LS- Mdst w/VPr- NVP, NS.

2004' (-613)
KANSAS CITY
{SI SFO)

2050' spl} VAbndt {KANSAS CITY} LS: (>60%) wh-gy-tn, sm dn, sm argil Mdst- Wkst, sm Wkst- Pkst & mx- fnxln, VRr prt Mdxln- 2nd ReX, Pr- Fr Por: IX Por, pp- vug Por, Trc Gd Por, ~10% (<20%) w/spt'd-sat FLR, Sl SFO & GB & Tn STN, Sl mlky Cut, Frly strong Odor, Sl Cherty.



2081' spl} LS: wh-gy-tn, Abndt mot Pkst & Wkst- sm fos & ool, sm mx- fnxln, VRr prt Mdxln- CrsX- 2nd ReX; Rr <10% w/Fr- Gd Por: IX Por, I Gr Por, pp- vug Por w/subsat- sat brt FLR & Tn OSTN, Sl SFO, mlky Cut. >90% barren. Frly strng Odor, Sl Cherty.

{Sl SFO)

2112' spl} VAbndt LS: wh-gy-tn, mx- Mdxln & chlky, Abndt Pkst, sm 2nd ReX, sm Fr- Gd Por, <5% w/FLR- STN- SFO & Cut, Sl Odor.

{VSl SFO)

2143' spl} Abndt blk carb SH & gy SH. ~50% {SWOPE} LS: wh-gy-tn, sm mot Pkst, ool & fos, Trc prt oomldc, mx- fnxln, Rr prt MdX- VCrsX- 2nd ReX. CHERTY: wh-cm-gy, opq, shrp, Rr Fr- Gd Por: IX Por, IGr Por, Iool Por, mldc Por, <5% w/spt'd FLR, Trc SFO- STN & Cut, VSl Odor, prt chlky.

SHS @ 2112'= 1/2 deg
{Trc SFO)

2174' spl} Abndt SH: AA, Incrs blk carb. & {HERTHA} LS: cm-gy-tn, mx- fnxln, VRr Pr- Fr Por: IX Por, pp- vug Por, <5% w/FLR, Trc SFO- STN, Sl Cut, VSl Odor, sm chlky, Sl Cherty, AA.
Abndt SH: AA & gy, sm calc & lmy & argil LS.

{Trc SFO)

2205' spl} LS: wh-gy-tn, sm Pkst & mx- fnx w/Pr- Fr Por: IX Por, IGr Por, Trc FLR, VPr Cut, NFO, sm wh-chlky.

Abndt {BASE KANSAS CITY} SILTST: lt gy, calc & lmy. & SH: dk gy & blk, sm micac,sm sndy, Vfn Gr'd, NS.

2168' (-777)
BASE KANSAS CITY

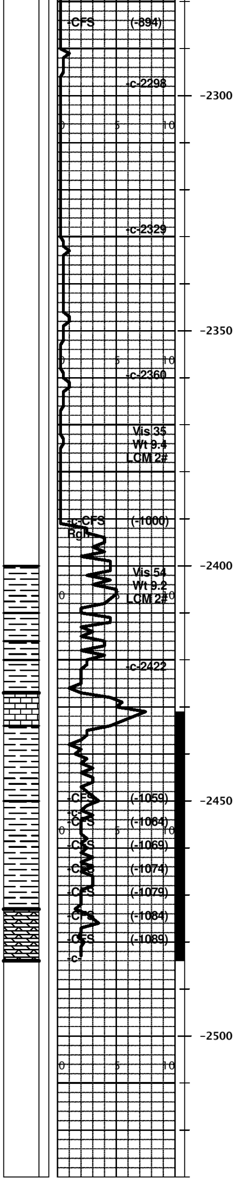
2236' spl} SILTS: AA, sm sndy, Vfn Gr'd & silty SS- SD CLUST: Vfn Gr'd w/VPr- Pr Por, NS. & gy SH, sm micac (Frly Abndt LS: AA)

2236' 15 min spl} VAbndt SILTST: dk-lt gy, sm sndy, sm calc & lmy, micac. NF. NS. sm SH: dk gy-blk carb (Rr LS, AA)

2267' spl} VAbndt SH: dk gy & gn-gy, sm pyrtc & blk carb- Vcarb, sm pyrtc.

2250' (-859)
CHECKERBOARD

2285' 15 min spl} ~30% LS: tn-bn-wh, cryptox- fnx, trc Md- CrsX's, Pred dn w/VPr- NVP, NS. sm argil- shly. Abndt SH: Vgt'd, gn-gy & gy-blk, sm carb, sm mrn-rd. Rr SILTST: AA.



2298' spl} VAbndt SH: AA, Vgt'd, Pred gy-blk & Incrs mrn-rd SH. (VRr LS, AA) Rr SILTST: Trc sndy, NS.

2329' spl} >10% <20% {ALTAMONT} LS: tn-gy-wh, Mdst & cryptox- fnx w/VPr- NVP, NS. sm argil- shly. Pred SH: AA.

2360' spl} ~40% SH: gy & gn-gy & sm blk carb, Rr mrn-rd. ~60% LS: tn-gy-wh, Pred dn Mdst & mx- dn, VPr- NVP, NS. sm argil.

2391' drlg spl} ~80% LS: wh & gy & tn, sm mot, Pred dn Mdst- Wkst & Rr Pkst & mx- fnx, sm argil- shly, sm chlky, Pr- NVP, NS.
~20% SH AA, Incrs blk carb

2391' 20 min spl} >90% LS: tn-gy-wh, Pred dn Mdst-Wkst, Rr Pkst, prt chlky, VPr- NVP, NS. & SH.

2391' 40 min spl} ~20% SH: Incrs SH: gn-gy & blk carb SH.

2400' spl} SH: AA. VRr LS: AA.

2410' spl} >95% SH: dk gy-blk, sm carb & pyrtc.

2420' spl} ~99% SH: dk-md gy, micac, Rr pyrtc.

2430' spl} Incrs micac & pyrtc SH.

2440' spl} ~30% SH: AA. Incrs blk carb.

{ARDMORE} LS: tn-bn & wh, dn hd Mdst, cryptox- Vfnx, VPr- NVP, NS. (~70% LS in spl)

~99% SH: sm gn-turq & gn-gy & gy-blk, sm pytrc.

SH: AA, Trc LS: AA, Pred dk gy SH, pytrc.

SH: AA, sm blk carb, Rr pyrtc.

SH: Pred dk gy & gn, Incrs pyrtc.

SH: gy-bn-blk, subcarb, sm dolomc, sm phos.

SH: AA, Incrs pyrtc, carb.
{VIOLA} DOLO: (2480' 20 min spl} ~50% DOLO: rich Tn-bn, mx- fnxln, Pred Vfnxln, sucro w/Fr- Gd IX Por, sm pp-vug Por, Pred sat STN & FLR w/Gd SFO- Gsy, Fr- Gd strmg mlky Cut, Strng Odor. CHERTY: cm-bly-gy & tn, opq, shrp, Sl wthr'd, Trc Frc Edg- FLR- STN. (2480' 40 min spl} >60% DOLO: Pred rich Tn-bn sat OSTN, mx- prt fnxln, Pred Vfnxln- sucro w/Gd IX Por w/sat STN, Frly brt FLR & Gd SFO- Gsy, Gd strmg mlky Cut, sm VGd Por: IX Por, pp- vug Por w/sat rich STN & FLR & VGd SFO & Cut, Strng Odor. CHERTY: ~10% AA, opq, shrp & subtripolc. (2480' 1 hr spl} DOLO: AA, Sl Incrs Gd- VGd Por w/sat STN- FLR, VGd SFO & Cut & Strng Odor. (2484' 20 & 40 min spls} >60% <80% DOLO: Pred rich Tn-bn sat STN, mx- fnxln, Pred vfnxln- sucro w/Fr- VGd visbl Por: IX Por, pp- vug Por (Sl Incrs in Gd- VGd visbl Por), VGd SFO & strmg mlky Cut. ~10% CHERT: Incrs semiTripolc- wthr'd, sm mFrc's & wthr'd Edg FLR- STN- SFO & Cut. (2484' 1 hr spl} AA, Pred sat DOLO w/Sl Incrs Cherty, AA, Strng Odor.

BIT TRIP
(STUCK IN HOLE)
10' SAMPLES

2427' (-1036)
ARDMORE

2473' (-1082)
VIOLA
{Gd SFO-Gsy}

2484' (-1093)/RTD
1' STB @ Kelly dwn

VESS OIL CORP
WILSON 'A'#450
330'FNL & 1050'FEL
Sec 8-25S-05E
BUTLER CO., KS
API#15-015-24040

DST #1
VIOLA
2431'-2484'
30-45-45-60
1st Op: BOB in 8.75 min, Wk surf BB
2nd Op: BOB in 11.75 min, No BB
Rec: 510' TF:
227' CO
36.5 grav
41'SIGCHMCO (2%G,52%O 46%M)
62' SIGCHOCM (4%G,35%O 61%M)
120' SIGCSIOCM (7%G,15%O 78%M)
60' SIGCHOCM (13%G,34%O 53%M)
TOOL SAMPLE: 44%O,56%M
IHP: 1164
IFP: 16-133
ISIP: 490
FFP: 139-2113
FSIP: 491
FHP: 1156
BHT: 108 F

Diamond Testing LLC

General Information Report

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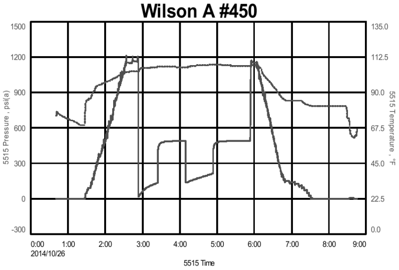
General Information

Company Name	**Vess Oil Corporation**
Contact	**Casey Coats**
Well Name	**Wilson A #450**
Unique Well ID	**Dst #1 Viola 2431-2484'**
Surface Location	**Sec8-25s-5e Butler County**
Field	**El Dorado**
Well Type	**Vertical**
Test Type	**Drill Stem Test**
Formation	**Dst #1 Viola 2431-2484'**
Well Fluid Type	**01 Oil**
Start Test Date	**2014/10/26**
Start Test Time	**00:41:00**
Final Test Date	**2014/10/26**
Final Test Time	**08:46:00**
Job Number	**P0013**
Representative	**Michael Carroll**
Report Date	**2014/10/26**
Qualified By	**Rodger Martin**



Test Results

RECOVERY:

	227'	**CO**	**100% O**
	41'	**SLGCHMCO**	**2% G 52% O 46% M**
	62'	**SLGCHOCM**	**4% G 35% O 61% M**
DC	**120'**	**SLGCSLOCM**	**7% G 15% O 78% M**
DC	**60'**	**SLGCHOCM**	**13% G 34% O 53% M**
	510'	**TOTAL FLUID**	

TOTAL FLUID:
44% O 56% M

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

DRILL-STEM TEST TICKET
FILE: WilsonA450Dst#1

TIME ON: 00:41
TIME OFF: 08:46

Company Vess Oil Corporation
Lease & Well No. Wilson A #450

Contractor C & G Drilling Charge to Vess Oil Corporation

Elevation 1391 Formation Viola Effective Pay -- Ft. Ticket No. P0013

Date 10-26-14 Sec. 8 Twp. 25 S Range 5E W County Butler State KANSAS

Test Approved By Roger Martin Diamond Representative Michael Carroll

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Formation Test No. 1 Interval Tested from 2431 ft. to 2484 ft. Total Depth 2484 ft.

Packer Depth 2426 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Packer Depth 2431 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 2412 ft. Recorder Number 5515 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 2467 ft. Recorder Number 5586 Cap. 5,000 P.S.I.

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

Mud Type Chem Viscosity 48 Drill Collar Length 177 ft. I.D. 2 1/4 in.

Weight 9.3 Water Loss 5.8 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in

Chlorides 1900 P.P.M. Drill Pipe Length 2221 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number NA Test Tool Length 33 ft. Tool Size 3 1/2-IF in

Did Well Flow? NO Reversed Out No Anchor Length 53(22a) ft. Size 4 1/2-FH in

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

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Blow: 1st Open: 3/4"BLOW-BUILT TO BOB IN 8MINS 45SEC WSBB

2nd Open: 1/4" BLOW- BUILT TO BOB IN 11 MINS 48 SEC NOBB

Recovered 227 ft. of CO 100% O GRAVITY: 36.5 @ 60 DEGREES F

Recovered 41 ft. of SLGCHMCO 2%G 52% O 46% M

Recovered 62 ft. of SLGCHOCM 4% G 35% O 61% M

Recovered DC 120 ft. of SLGCSLOCM 7% G 15% O 78% M

Recovered DC 60 ft. of SLGCHOCM 13% G 34% O 53% M

Recovered 510 ft. of TOTAL FLUID

Remarks:

TOOL SAMPLE: 44% O 56% M

Price Job

Other Charges

Insurance

Total

Time Set Packer(s) 2:53A.M. A.M. P.M. Time Started Off Bottom 5:53A.M. A.M. P.M. Maximum Temperature 108

Initial Hydrostatic Pressure (A) 1164 P.S.I.

Initial Flow Period Minutes 30 (B) 16 P.S.I. to (C) 133 P.S.I.

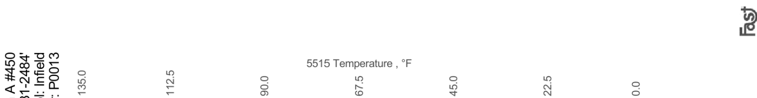
Initial Closed In Period Minutes 45 (D) 490 P.S.I.

Final Flow Period Minutes 45 (E) 139 P.S.I. to (F) 213 P.S.I.

Final Closed In Period Minutes 60 (G) 491 P.S.I.

Final Hydrostatic Pressure (H) 1156 P.S.I.

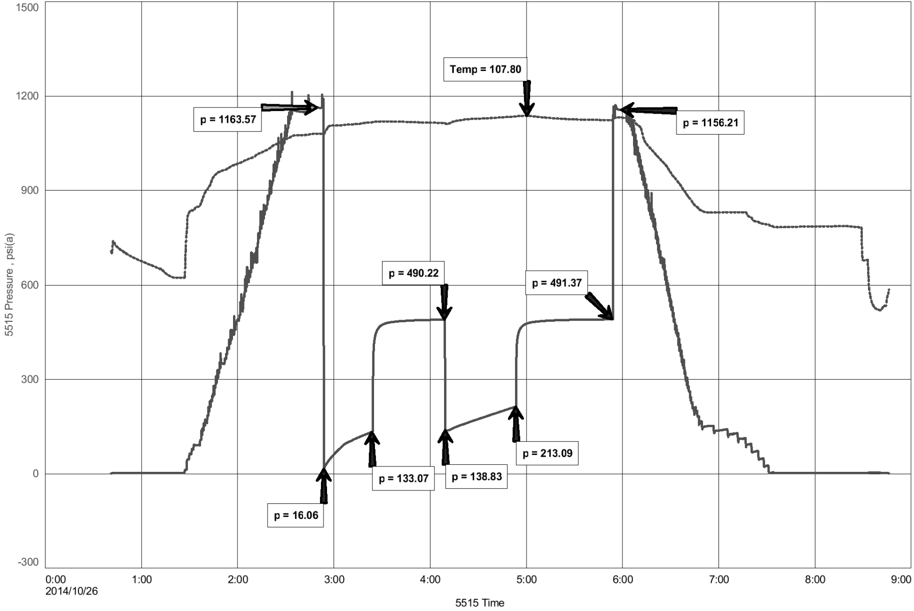
Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged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



Vess Oil Corporation
Dst #1 Viola 2431-2484'
Start Test Date: 2014/10/26
Final Test Date: 2014/10/26

Wilson
Formation: Dst #1 Viola 243
Poo
Job Number

Wilson A #450



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