

ROGER L. MARTIN

INDEPENDENT PETROLEUM GEOLOGIST 316-250-6970

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

COMPANY VESS OIL CORPORATION
 LEASE TOMCAT 'B' #3
 FIELD MARCOTTE
 LOCATION 1535' FNL & 1760' FWL
 SECTION 24 TOWNSHIP 10S RANGE 20W
 COUNTY ROOKS STATE KANSAS

ELEVATIONS

KB 2160' GL 2155'

Measurements Are All
From KB

API 15-163-24134-00-00

CONTRACTOR L.D. DRILLING, Rig #1
 SPUD 08/22/2013 COMP 08/31/2013
 RTD 3727' (-1567) LTD n/a

ELECTRICAL SURVEYS

No Open Hole E-logs

CASING

SURFACE 5 jts 8&5/8" surf csg; Set @ 233' w/160 sx Common, 3%CC, 2% gel

PRODUCTION New 5&1/2" 15.5# J-55 casing, set @ 3726' w/100 sx ASC

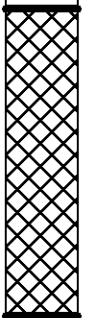
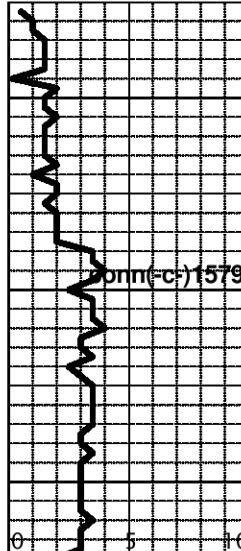
FORMATION TOPS	LOG	SAMPLES	CHRONOLOGY
ANHYDRITE		1575' (+585)	
BASE ANHYDRITE		1607' (+553)	08/22/2013- MIRU and Spud @ 8:00 PM. Ran 5 jts 8 5/8" Surface Casing, Tally 225', Set @ 233' w/160 sx Common, 3% CC, 2% Gel. Plug down @ 2:15 AM. Cement did circ by Allied Services.
TOPEKA		3166' (-1006)	
HEEBNER	3375' (-1215)	3373' (-1213)	08/23/2013- 236- Waiting on cement.
TORONTO	3397' (-1237)	3396' (-1236)	08/24/2013- Drilling @ 1579'.
LANSING	3413' (-1253)	3410' (-1250)	08/25/2013- Drilling @ 2500'.
MUNCIE CREEK	3533' (-1373)	3531' (-1371)	08/26/2013- Drilling @ 3229'.
STARK	3594' (-1434)		08/27/2013- DTD 3483'. On bottom for DST #1.
BASE KANSAS CITY	2623' (-1463)	3620' (-1460)	08/28/2013- DTD 3635'. On bottom for DST #2.
CONGLOMERATE	3652' (-1492)	3650' (-1490)	08/29/2013- DTD 3722'. Running DST #3.
ARBUCKLE	3721' (-1561)	3719' (-1559)	08/30/2013- DTD 3727'. Running DST #4. Hit a bridge- POOH w/tool. RIH w/bit TCH. TOOH w/bit to retry DST. Conditioned hole w/bit to bottom, POOH w/bit, RIH w/DST #5 & hit bridge again. POOH w/tool. RIH w/bit & condition to run 5 1/2" casing w/ 6 1/4" conventional tricone rock bit on bottom (has 1.5" center port to cement through).
LTD/RTD	3725' (-1565)	3727' (-1567)	08/31/2013- Run 5 1/2" production casing.

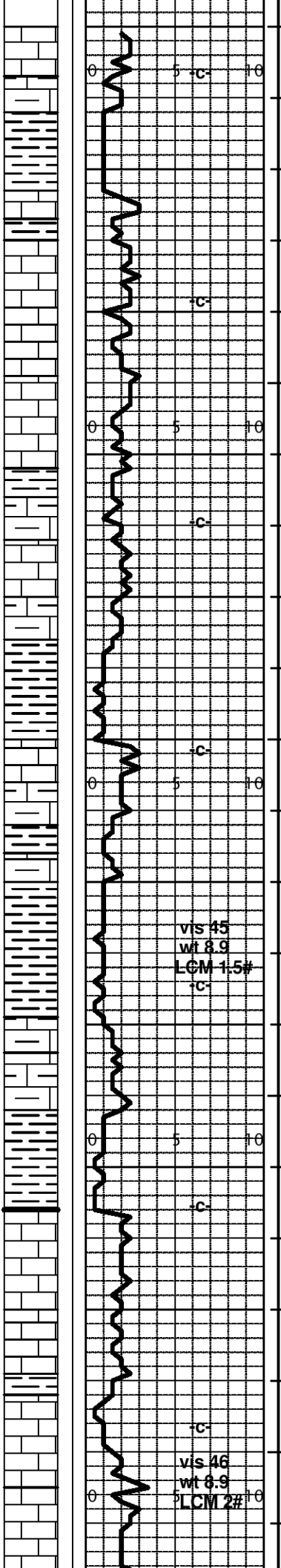
REMARKS: Casing job: 08/31/2013- RIH w/new 5 1/2" 15.5 J-55 API Tenaris casing, float shoe on insert and 6 1/4" bit welded on bottom. Tagged bottom @ 3727'. set casing 1' off bottom @ 3726'. Port collar @ 1593'

set casing 1" on bottom @ 0720. 1" on collar @ 1030.
 Circulated while waiting on Allied. Cemented w/500 gal
 mud flush, 100 sx ASC w/10% salt, 2% gel, 1/4#/sk
 Flo-cele, 5#/sk gilsonite. Plug down @ 11:00 AM w/
 1300 psi held- good lift pressure throughout and cellar
 stayed full. Rat hole plugged w/30 sx.

**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
		<p>550' 2850</p> <p>600' 2900</p> <p>650' 2950</p>		<p>1575' (+585) ANHYDRITE</p> <p>1607' (+553) BASE ANHYDRITE</p>	



-3000 LS: dn to chlky w/VPr- NVP.

SH: VC, gy-blk, sm carb, sm gn-gy, mrn-rd.

LS: cm-tn-gy-wh, mx- fnx, VRr Mdx, sm Pkst, Pred Pr- NVP w/NS; sm chlky, & LS: gy, dn & argil w/VPr- NVP w/NS.

-3050 LS: gy-wh, cm-tn, Pred dn- Mdst- Wkst w/VPr- NVP, NS.

SH: AA.

LS: wh-tn-gy, sm mot- fos Pkst & Wkst & mx- fnxln, sm chlky, VPr- NVP w/ NS, sm argil.

SH: VC- gy-blk, sm carb & gn & mrn-rd.

-3100 LS: gy-tn-cm, sm mot Pkst- Wkst, sm argil & dn Mdst, VPr- NVP, NS.

sm argil- shly LS- Mdst.

SH: lt-dk gy & gn, sm blk carb, mrn-rd.

vis 45
wt 8.9
LCM 1.5#

LS: dn & argil Mdst.

LS: gy-tn-wh, sm mot Pkst- Wkst, sm argil, VPr- NVP w/NS.

-3150 SH: AA.

{TOPEKA} LS: gy-tn-wh, Pred dn- Mdst- Wkst, Rr Pkst w/Pr- NVP, NS.

LS: wh-gy-tn, mot Wkst- Pkst- grnlr, VPr- Pr IGr Por, sm chlky, sm 2nd ReX, Trc SFO- STN- Cut, sm argil- silty-shly.

LS: cm-bf-gy-tn, mx- Vfnxln, sm msucro, sm grnlr Pkst, Pr- Fr visbl Por: mIX Por, IGr Por, pp- vug Por, sm chlky, <5% w/spt'd- sat STN, VSI SFO, sm sqr- dd Oil, sm barren Por.

-3200 LS: gy, dn & argil Mdst & SH: gy & blk carb.

****10' DRILLING SAMPLES****

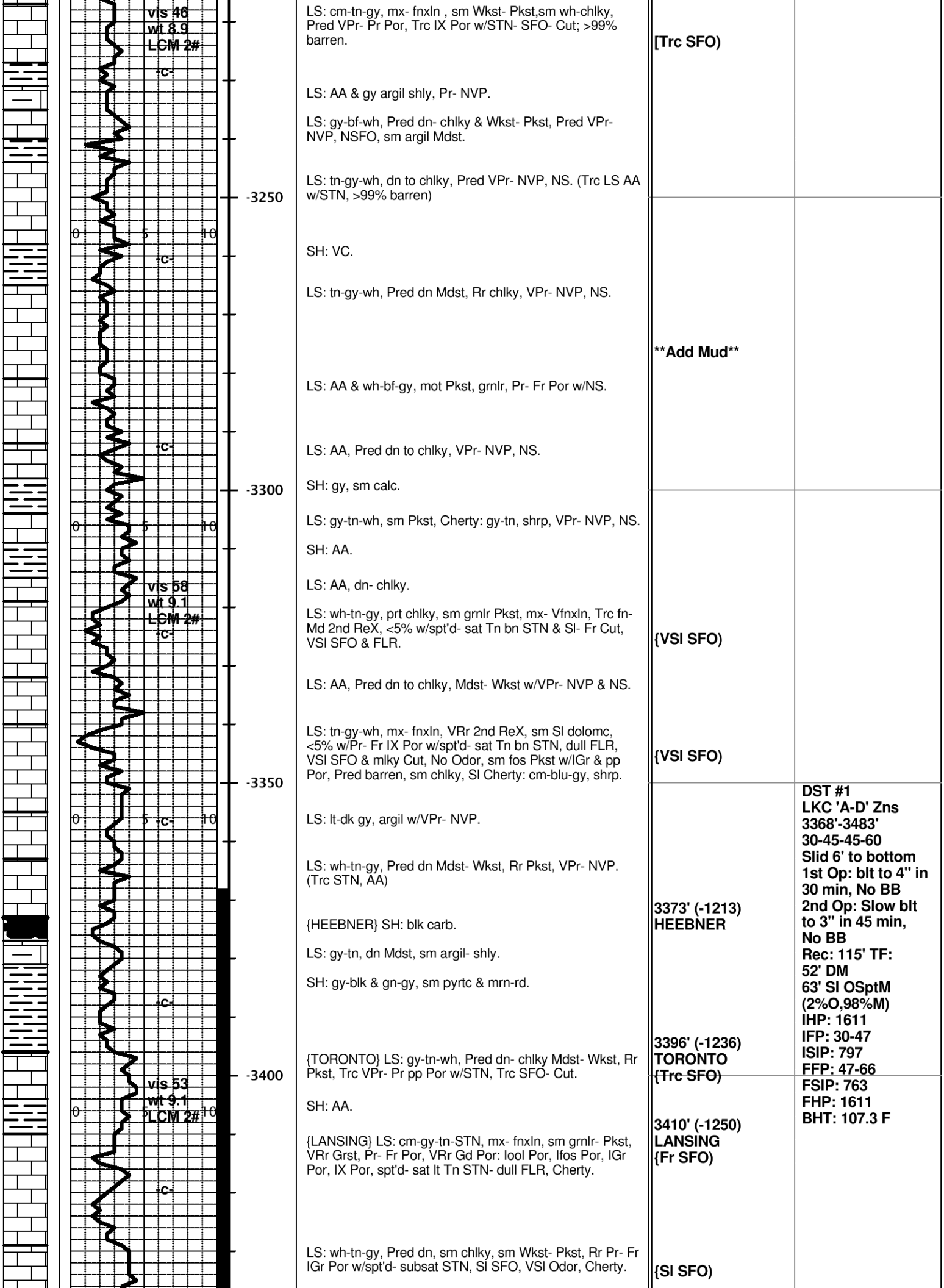
****Add Mud****

**3166' (-1006)
TOPEKA**

{Trc SFO}

{VSI SFO}

****Add Mud****



vis 46
wt 8.9
LCM 2#

LS: cm-tn-gy, mx- fnxln , sm Wkst- Pkst,sm wh-chlky, Pred VPr- Pr Por, Trc IX Por w/STN- SFO- Cut; >99% barren.

{Trc SFO}

LS: AA & gy argil shly, Pr- NVP.

LS: gy-bf-wh, Pred dn- chlky & Wkst- Pkst, Pred VPr- NVP, NSFO, sm argil Mdst.

-3250

LS: tn-gy-wh, dn to chlky, Pred VPr- NVP, NS. (Trc LS AA w/STN, >99% barren)

SH: VC.

LS: tn-gy-wh, Pred dn Mdst, Rr chlky, VPr- NVP, NS.

Add Mud

LS: AA & wh-bf-gy, mot Pkst, grnlr, Pr- Fr Por w/NS.

LS: AA, Pred dn to chlky, VPr- NVP, NS.

-3300

SH: gy, sm calc.

LS: gy-tn-wh, sm Pkst, Cherty: gy-tn, shrp, VPr- NVP, NS.

SH: AA.

LS: AA, dn- chlky.

vis 58
wt 9.1
LCM 2#

LS: wh-tn-gy, prt chlky, sm grnlr Pkst, mx- Vfnxln, Trc fr- Md 2nd ReX, <5% w/spt'd- sat Tn bn STN & SI- Fr Cut, VSI SFO & FLR.

{VSI SFO}

LS: AA, Pred dn to chlky, Mdst- Wkst w/VPr- NVP & NS.

LS: tn-gy-wh, mx- fnxln, VRr 2nd ReX, sm SI dolomc, <5% w/Pr- Fr IX Por w/spt'd- sat Tn bn STN, dull FLR, VSI SFO & milky Cut, No Odor, sm fos Pkst w/IGr & pp Por, Pred barren, sm chlky, SI Cherty: cm-blu-gy, shrp.

{VSI SFO}

-3350

LS: lt-dk gy, argil w/VPr- NVP.

LS: wh-tn-gy, Pred dn Mdst- Wkst, Rr Pkst, VPr- NVP. (Trc STN, AA)

{HEEBNER} SH: blk carb.

LS: gy-tn, dn Mdst, sm argil- shly.

SH: gy-blk & gn-gy, sm pyrte & mrrn-rd.

3373' (-1213)
HEEBNER

3396' (-1236)
TORONTO
{Trc SFO}

-3400

{TORONTO} LS: gy-tn-wh, Pred dn- chlky Mdst- Wkst, Rr Pkst, Trc VPr- Pr pp Por w/STN, Trc SFO- Cut.

SH: AA.

vis 53
wt 9.1
LCM 2#

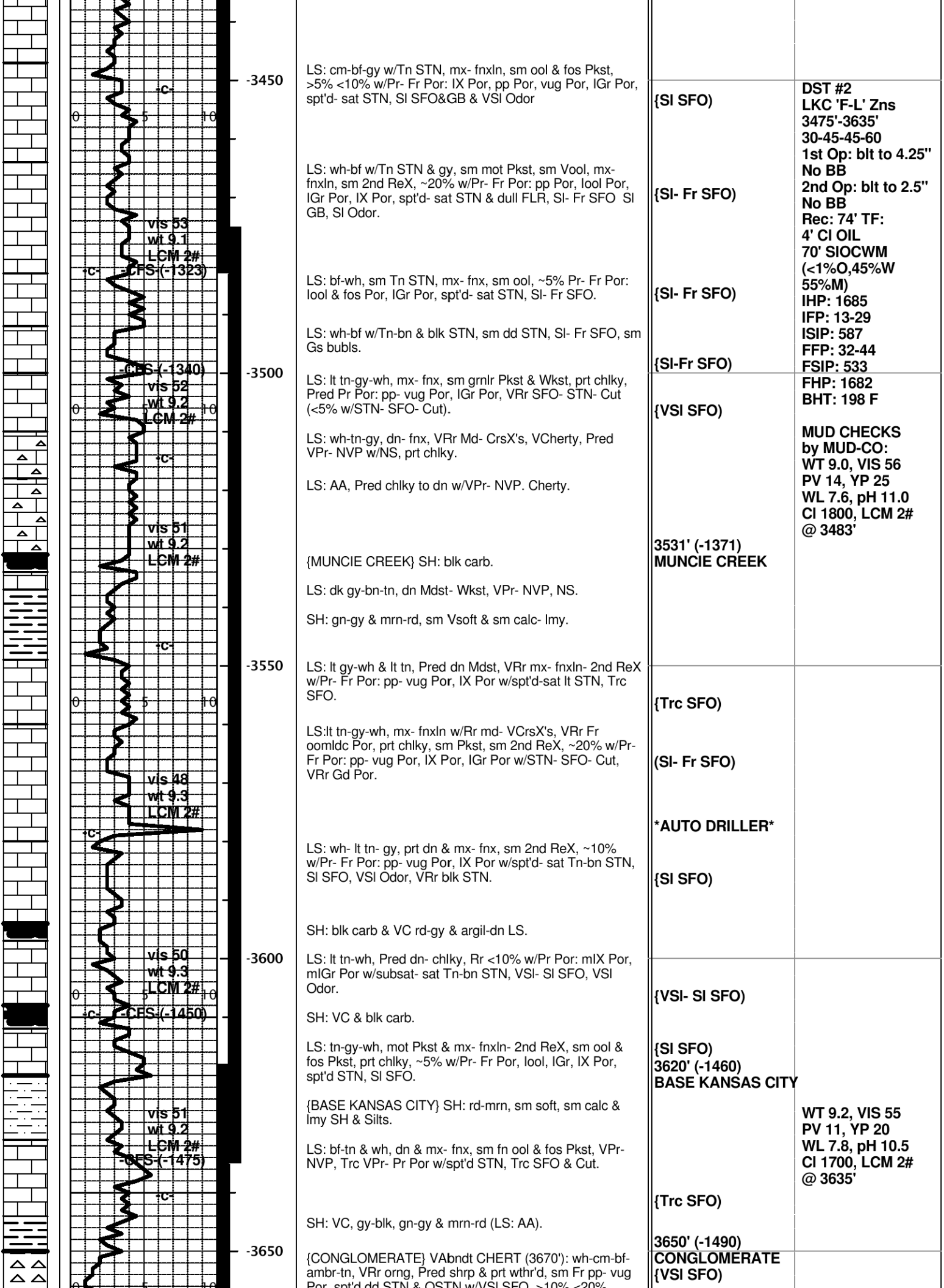
{LANSING} LS: cm-gy-tn-STN, mx- fnxln, sm grnlr- Pkst, VRr Grst, Pr- Fr Por, VRr Gd Por: lool Por, Ifos Por, IGr Por, IX Por, spt'd- sat lt Tn STN- dull FLR, Cherty.

3410' (-1250)
LANSING
{Fr SFO}

LS: wh-tn-gy, Pred dn, sm chlky, sm Wkst- Pkst, Rr Pr- Fr IGr Por w/spt'd- subsat STN, SI SFO, VSI Odor, Cherty.

{SI SFO}

DST #1
LKC 'A-D' Zns
3368'-3483'
30-45-45-60
Slid 6' to bottom
1st Op: blt to 4" in
30 min, No BB
2nd Op: Slow blt
to 3" in 45 min,
No BB
Rec: 115' TF:
52' DM
63' SI OSptM
(2%O,98%M)
IHP: 1611
IFP: 30-47
ISIP: 797
FFP: 47-66
FSIP: 763
FHP: 1611
BHT: 107.3 F



-3450
-3500
-3550
-3600
-3650

LS: cm-bf-gy w/Tn STN, mx- fnxln, sm ool & fos Pkst, >5% <10% w/Pr- Fr Por: IX Por, pp Por, vug Por, IGr Por, spt'd- sat STN, SI SFO&GB & VSI Odor

LS: wh-bf w/Tn STN & gy, sm mot Pkst, sm Vool, mx- fnxln, sm 2nd ReX, ~20% w/Pr- Fr Por: pp Por, lool Por, IGr Por, IX Por, spt'd- sat STN & dull FLR, SI- Fr SFO SI GB, SI Odor.

LS: bf-wh, sm Tn STN, mx- fnx, sm ool, ~5% Pr- Fr Por: lool & fos Por, IGr Por, spt'd- sat STN, SI- Fr SFO.

LS: wh-bf w/Tn-bn & blk STN, sm dd STN, SI- Fr SFO, sm Gs bubls.

LS: lt tn-gy-wh, mx- fnx, sm gnrlr Pkst & Wkst, prt chlky, Pred Pr Por: pp- vug Por, IGr Por, VRr SFO- STN- Cut (<5% w/STN- SFO- Cut).

LS: wh-tn-gy, dn- fnx, VRr Md- CrsX's, VCherty, Pred VPr- NVP w/NS, prt chlky.

LS: AA, Pred chlky to dn w/VPr- NVP. Cherty.

{MUNCIE CREEK} SH: blk carb.

LS: dk gy-bn-tn, dn Mdst- Wkst, VPr- NVP, NS.

SH: gn-gy & mrn-rd, sm Vsoft & sm calc- lmy.

LS: lt gy-wh & lt tn, Pred dn Mdst, VRr mx- fnxln- 2nd ReX w/Pr- Fr Por: pp- vug Por, IX Por w/spt'd-sat lt STN, Trc SFO.

LS:lt tn-gy-wh, mx- fnxln w/Rr md- VCrsX's, VRr Fr oomldc Por, prt chlky, sm Pkst, sm 2nd ReX, ~20% w/Pr- Fr Por: pp- vug Por, IX Por, IGr Por w/STN- SFO- Cut, VRr Gd Por.

LS: wh- lt tn- gy, prt dn & mx- fnx, sm 2nd ReX, ~10% w/Pr- Fr Por: pp- vug Por, IX Por w/spt'd- sat Tn-bn STN, SI SFO, VSI Odor, VRr blk STN.

SH: blk carb & VC rd-gy & argil-dn LS.

LS: lt tn-wh, Pred dn- chlky, Rr <10% w/Pr Por: mIX Por, mIGr Por w/subsat- sat Tn-bn STN, VSI- SI SFO, VSI Odor.

SH: VC & blk carb.

LS: tn-gy-wh, mot Pkst & mx- fnxln- 2nd ReX, sm ool & fos Pkst, prt chlky, ~5% w/Pr- Fr Por, lool, IGr, IX Por, spt'd STN, SI SFO.

{BASE KANSAS CITY} SH: rd-mrn, sm soft, sm calc & lmy SH & Silts.

LS: bf-tn & wh, dn & mx- fnx, sm fn ool & fos Pkst, VPr- NVP, Trc VPr- Pr Por w/spt'd STN, Trc SFO & Cut.

SH: VC, gy-blk, gn-gy & mrn-rd (LS: AA).

{CONGLOMERATE} VAbndt CHERT (3670'): wh-cm-bf-ambr-tn, VRr org, Pred shrp & prt wthr'd, sm Fr pp- vug Por, spt'd dd STN & OSTN w/VSI SFO, <10% <20%

{SI SFO}

{SI- Fr SFO}

{SI- Fr SFO}

{SI-Fr SFO}

{VSI SFO}

3531' (-1371)
MUNCIE CREEK

{Trc SFO}

{SI- Fr SFO}

AUTO DRILLER

{SI SFO}

{VSI- SI SFO}

{SI SFO}

3620' (-1460)
BASE KANSAS CITY

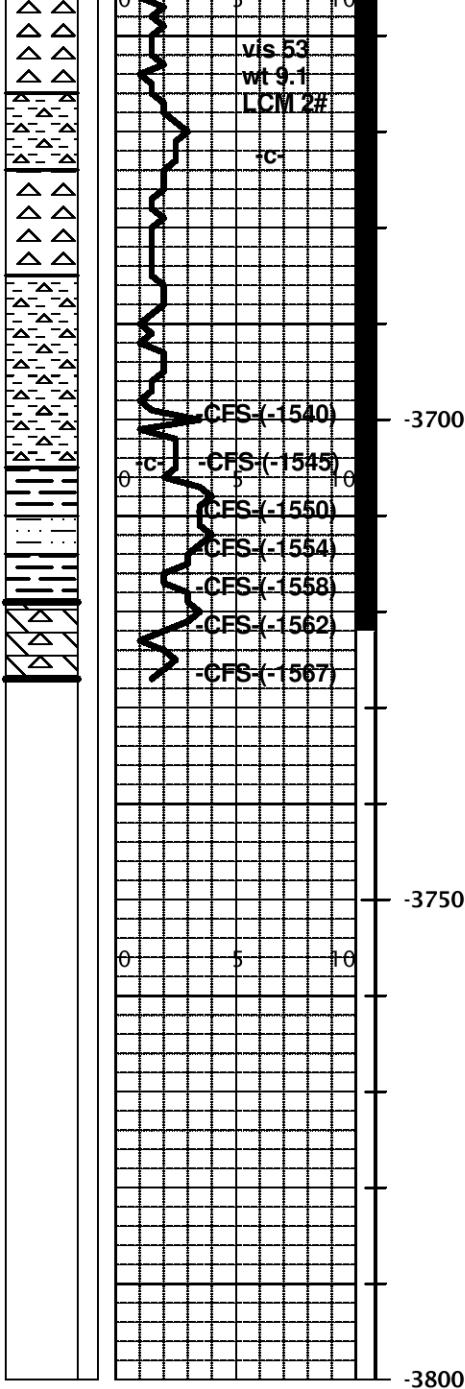
{Trc SFO}

3650' (-1490)
CONGLOMERATE
{VSI SFO}

DST #2
LKC 'F-L' Zns
3475'-3635'
30-45-45-60
1st Op: blt to 4.25"
No BB
2nd Op: blt to 2.5"
No BB
Rec: 74' TF:
4' CI OIL
70' SIOCWM
(<1%O,45%W
55%M)
IHP: 1685
IFP: 13-29
ISIP: 587
FFP: 32-44
FSIP: 533
FHP: 1682
BHT: 198 F

MUD CHECKS
by MUD-CO:
WT 9.0, VIS 56
PV 14, YP 25
WL 7.6, pH 11.0
CI 1800, LCM 2#
@ 3483'

WT 9.2, VIS 55
PV 11, YP 20
WL 7.8, pH 10.5
CI 1700, LCM 2#
@ 3635'



Por, spt'd STN & GSTN w/ VSI SFO, <10% <20% semiTripolc w/Fr- Gd Por w/spt'd blk-bn STN, VSI SFO, SI- Fr Cut & sm dd STN, Trc Qtzc Chert.

SH: mrrn-rd & gn-gy; & CHERT: AA, sm shly.

CHERT: AA, Incrs wthr'd w/Por & dd STN, VRr VSI SFO & STN & Cut, ~10% w/spt'd dd STN, NFO.

CHERT: bf-ambr-tn-ornng & cm-wh, VC, prt shrp, prt wthr'd, Rr semiTripolc w/Por, Pred Pr visbl Por- NVP w/NFO. (Trc SFO- STN, AA) VRr Fr- VGd Por: vug Por, I Gr Por, Tripolc Por, <10% spt'd dd STN, Trc STN- SFO- FLR- Cut; sm shly Chert; & SH: AA.

Shrp Incrs in SH in 3705' Circ spls: mrrn-rd, gy-blk. (3710' & 3714' circ.spls) Incrs VC SH. SH: AA & Sd Clust: ambr-gy, Vfn-fn Gr'd, silty, well cmt'd, VPr- Pr Por, VRr dd STN, NFO. SH: Turq-gn. (3718' 40min spl) CHERT: AA & sm LS: AA & SH: VC: gn-Turq-aqua & mrrn-rd, sm Sdy Silts & Silty Sd Clust: ambr & mrrn-rd, Vfn-fn Gr'd, well cmt'd, Rr pyrct, VRr dd STN, Rr Free Sd Gr's: Md-VCrs, subanglr- well rnd'd, Trc Md-Crs Sd Clust w/NFO. (3718' 1hr spl) AA, SI Incrs F.Sd Gr's, AA.

{ARBUCKLE} {3722' 20min spl} Pred AA w <5% ARB DOLO: cm-bf & tn-bn STN, sm mx- VfnXln - dn to Pr Por, sm VfnXln- prt MdXln w/Fr- Gd vug Por, IX Por w/subsat-sat STN & spt'd FLR, Fr- Gd SFO & Cut, SI Odor, VAbndt Chert: AA & sm bf-tn & cm ool Arb shrp Chert. (3722' 40 min spl) Shrp Incrs ARB DOLO: (>60%) bf-Tn & rich bf-STN, sm mx- fnXln, dn- Pr visbl Por, sm fnXln- prt MdXln, sucro- VRr rhmbc; ~20% w/Fr Por: IX Por & vug Por, subsat-sat STN, Fr- Gd SFO & Cut, ~10% Gd Por w/sat STN w/Gd SFO- Cut; sm mot & grnlr fragmentl Dolo w/sm ghost ool's. Cherty: (~10%) cm-gy, sm ool & Dolo Chert, Frly Strng Odor. (3722' 60min spl) ARB DOLO: AA, Incrs rich Tn-bn STN, fnXln- prt MdXln- 2nd ReX, >20% <30% w/Fr Por" IX Por, vug Por w/subsat- sat STN & spt'd brt FLR, Fr- Gd SFO & Cut w/~10% Gd IX Por, vug Por w/sat STN, Gd SFO & Cut, Frly Strng Odor, Rr pyrct, SI Cherty. (3727' 20 min spl) DOLO: Abndt rich bn-STN, Vfn-fnXln, sucro w/Fr- Gd IX Por & sat- subsat STN & Fr- Gd SFO & Cut, VRr prt MdXln AA. >50% Fr- Gd Por w/STN- SFO- Cut. (3727' 40min.spl) DOLO: rich bn- STN, & bf-tn, mx-fnXln, sm dn, pred sucro; >50% w/ Fr-Gd Por: IXP w/ subsat- sat STN, & Fr-Gd SFO & Cut; sm dn w/ pr visbl Por & prt Barren; SI Chrty; Frly Strong Odor. (3727' 1hr.spl) DOLO: AA; SI incrs in prt dn DOLO: bf-tn, mx-fnXln, sm pyrct, sm pr-Fr Por w/ spt'd STN & SISFO&Cut; & sm w/ Fr-Gd Por w/ subsat-sat STN & Fr-Gd SFO- AA; Fr Odor; (incrs SH & Chert & LS: AA).

{VSI SFO}

{Trc SFO}

3719' (-1559)
ARBUCKLE
{Fr- Gd SFO}
RTD: 3727'(-1567)

VESS OIL CORP
TOMCAT 'B' #3
1535'FNL&1760'FWL
Sec 24-10S-20W
ROOKS CO., KS
15-163-24134-0000

DST #3
Congl-Arb
3618'-3722'
30-45-45-60
1st Op: blt to
4.5", No BB
2nd Op: blt to
5.5", No BB
Rec: 80' TF:
20' CI Oil,
60' HOCM
(20%O,80%M)
TOOL SPL:
35%O,65%M
IHP: 1781
IFP: 14-24
ISIP: 796
FFP: 27-44
FSIP: 792
FHP: 1780
BHT: 110 F

DST #4- MISRUN
Hit bridge @ 1060'

DST #5- MISRUN
Hit bridge @ 1068'

WT 9,2, VIS 54
PV 12, YP 23
WL 8.0, pH 10.0
CI 1900, LCM 2#
@ 3722'

WT 9,3, VIS 58
PV 15, YP 22
WL 8.0, pH 10.0
CI 2100, LCM 2#
@ 3727'



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: TOMCATB3DST1

TIME ON: on loc. 3:10 AM / Batt. on 3:42 AM
TIME OFF: 10:42 AM

Company Vess Oil Corp. Lease & Well No. Tomcat "B" #3
Contractor LD Drilling Charge to Vess Oil Corp.
Elevation 2160' KB Formation Totonto - L/KC "D" Effective Pay _____ Ft. Ticket No. F163
Date 8-27-2013 Sec. 24 Twp. 10 S Range 20 W County Rooks State KANSAS
Test Approved By Roger Martin Diamond Representative Jake Fahrenbruch

Formation Test No. ONE Interval Tested from 3368 ft. to 3483 ft. Total Depth 3483 ft.
Packer Depth 3363 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3468 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ 3349 ft. Recorder Number _____ 0062 Cap. _____ 5,000 P.S.I.

Bottom Recorder Depth (Outside) _____ 3480 ft. Recorder Number _____ 11033 Cap. _____ 5,150 P.S.I.

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

Mud Type Chemical Viscosity _____ 53 Drill Collar Length _____ ft. I.D. _____ 2 1/4 in.

Weight _____ 9.1 Water Loss _____ 7.6 cc. Weight Pipe Length _____ ft. I.D. _____ 2 7/8 in

Chlorides _____ 1700 P.P.M. Drill Pipe Length _____ 3335 ft. I.D. _____ 3 1/2 in

Jars: Make STERLING Serial Number _____ #5 Test Tool Length _____ 33 ft. Tool Size 3 1/2-IF in

Did Well Flow? NO Reversed Out NO Anchor Length _____ 115 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: 1" blow, increased to 4". No blowback. (Tool slid 6' to bottom.)

2nd Open: Surface blow in 7 minutes, increased to 3". No blowback.

Recovered _____ 52 ft. of Drlg Mud	100% mud
Recovered _____ 63 ft. of SOSM	<1% oil, >99% mud
Recovered _____ ---- ft. of	Total Recovered Fluid: 115'
Recovered _____ ---- ft. of	Tool Sample: OSM 2% oil, 98% mud
Recovered _____ ft. of	Price Job
Recovered _____ ft. of	Other Charges
Remarks: _____	Insurance
_____	Total

Time Set Packer(s) 5:45 AM A.M. P.M. Time Started Off Bottom 8:45 AM A.M. P.M. Maximum Temperature 107 Deg F

Initial Hydrostatic Pressure..... (A) _____ 1611 P.S.I.

Initial Flow Period..... Minutes _____ 30 (B) _____ 30 P.S.I. to (C) _____ 47 P.S.I.

Initial Closed In Period..... Minutes _____ 45 (D) _____ 797 P.S.I.

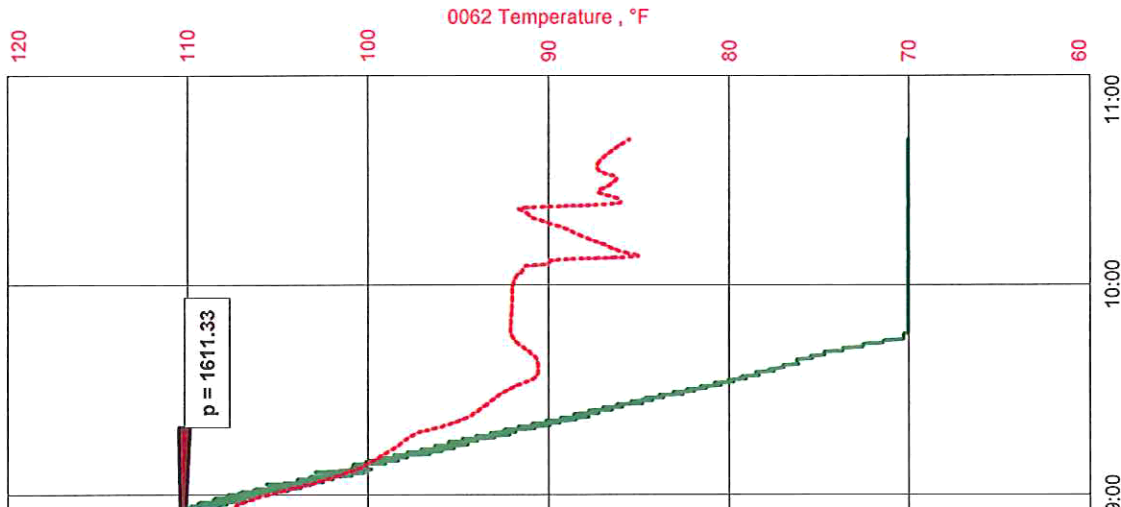
Final Flow Period..... Minutes _____ 45 (E) _____ 47 P.S.I. to (F) _____ 66 P.S.I.

Final Closed In Period..... Minutes _____ 60 (G) _____ 763 P.S.I.

Final Hydrostatic Pressure..... (H) _____ 1611 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.

Tomcat "B" #3
 Formation: Toronto - L/KC "D" 3368'-3483'
 Pool: NA
 Job Number: F163



Fast

Vess Oil Corp.
 DST #1 Toronto - L/KC "D" 3368'-3483'
 Start Test Date: 2013/08/27
 Final Test Date: 2013/08/27

Tomcat "B" #3



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: TOMCATB3DST2

TIME ON: on loc. 6:08 AM / Batt. on 6:18 AM
 TIME OFF: 1:47 PM

Company Vess Oil Corp. Lease & Well No. Tomcat "B" #3
 Contractor LD Drilling Charge to Vess Oil Corp.
 Elevation 2160' KB Formation L/KC 'G&H' Effective Pay _____ Ft. Ticket No. F164
 Date 8-28-2103 Sec. 24 Twp. 10 S Range 20 W County Rooks State KANSAS
 Test Approved By Roger Martin Diamond Representative Jake Fahrenbruch

Formation Test No. TWO Interval Tested from 3475 ft. to 3635 ft. Total Depth 3635 ft.
 Packer Depth 3470 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3475 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ 3456 ft. Recorder Number _____ 0062 Cap. _____ 5,000 P.S.I.

Bottom Recorder Depth (Outside) _____ 3632 ft. Recorder Number _____ 11033 Cap. _____ 5,150 P.S.I.

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

Mud Type _____ Chemical _____ Viscosity _____ 53 Drill Collar Length _____ ft. I.D. _____ 2 1/4 in.

Weight _____ 9.2 Water Loss _____ 7.8 cc. Weight Pipe Length _____ ft. I.D. _____ 2 7/8 in

Chlorides _____ 1700 P.P.M. Drill Pipe Length _____ 3442 ft. I.D. _____ 3 1/2 in

Jars: Make _____ STERLING Serial Number _____ #5 Test Tool Length _____ 33 ft. Tool Size _____ 3 1/2-IF in

Did Well Flow? _____ NO Reversed Out _____ NO Anchor Length _____ 160 ft. Size _____ 4 1/2-FH in

Main Hole Size _____ 7 7/8 Tool Joint Size _____ 4 1/2 XH in. 30' PERF (4' top, 26' btm) Surface Choke Size _____ 1 in. Bottom Choke Size _____ 5/8 in

Blow: 1st Open: Half inch blow, increased to 4.25". No blowback.

2nd Open: Surface blow in 5 minutes, increased to 2.5". No blowback.

Recovered _____ 4 ft. of Clean Oil (31 gravity)	
Recovered _____ 70 ft. of SOSWM <1% oil, 45% wtr, 55% mud	
Recovered _____ ---- ft. of Total Recovered Fluid: 74'	
Recovered _____ ---- ft. of Tool Sample: OCMW 10% oil, 50% wtr, 40% mud	
Recovered _____ ---- ft. of Chlorides: 34,000 PPM	Price Job
Recovered _____ ---- ft. of PH: 9.0	Other Charges
Remarks: (RW meter broken, no check.)	Insurance
	Total

Time Set Packer(s) _____ 8:10 AM A.M. P.M. Time Started Off Bottom _____ 11:10 AM A.M. P.M. Maximum Temperature _____ 108 Deg F

Initial Hydrostatic Pressure..... (A) _____ 1685 P.S.I.

Initial Flow Period..... Minutes _____ 30 (B) _____ 13 P.S.I. to (C) _____ 29 P.S.I.

Initial Closed In Period..... Minutes _____ 45 (D) _____ 587 P.S.I.

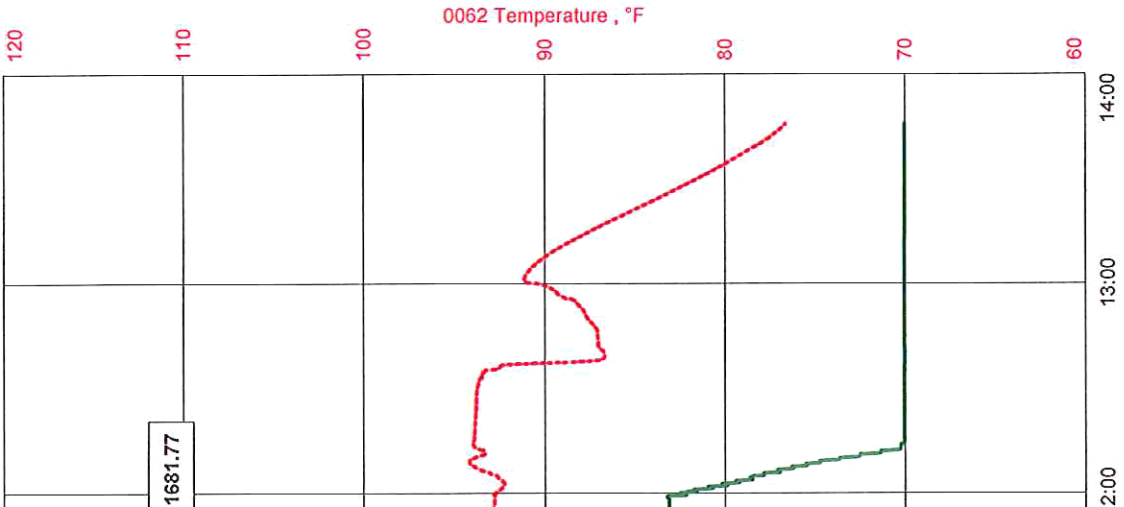
Final Flow Period..... Minutes _____ 45 (E) _____ 32 P.S.I. to (F) _____ 44 P.S.I.

Final Closed In Period..... Minutes _____ 60 (G) _____ 533 P.S.I.

Final Hydrostatic Pressure..... (H) _____ 1682 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.

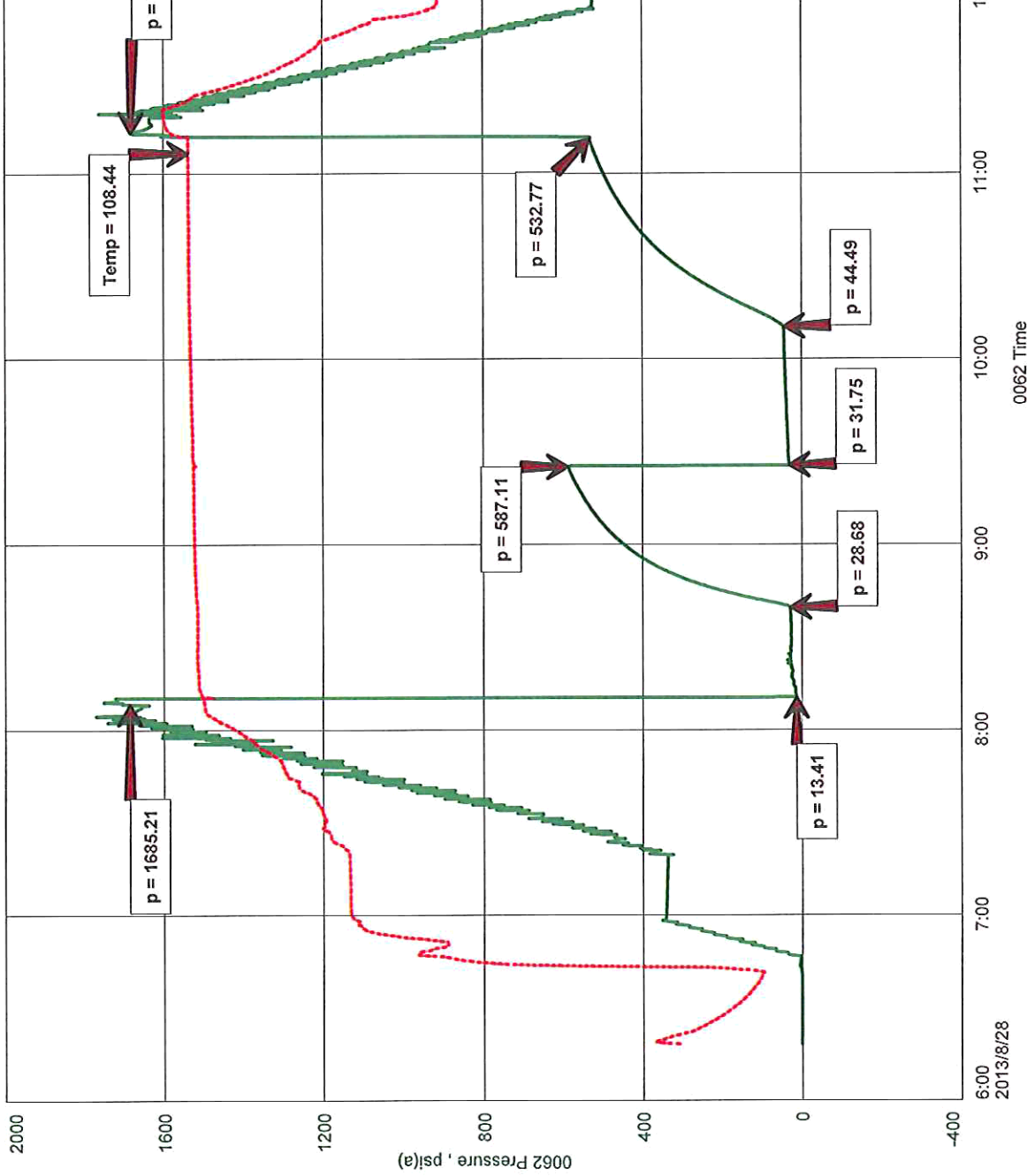
Tomcat "B" #3
 Formation: L/KC 'G&H' 3475'-3635'
 Pool: NA
 Job Number: F164



Fast

Vess Oil Corp.
 DST #2 L/KC 'G&H' 3475'-3635'
 Start Test Date: 2013/08/28
 Final Test Date: 2013/08/28

Tomcat "B" #3



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: TOMCATB3DST3

TIME ON: on loc: 6:40 AM / Ball on 6:50 AM
 TIME OFF: 2:09 PM

Company Vess Oil Corp. Lease & Well No. Tomcat "B" #3
 Contractor LD Drilling Charge to Vess Oil Corp.
 Elevation 2160' KB Formation Arbuckle Effective Pay F165 Ft. Ticket No. F165
 Date 8-29-2013 Sec. 24 Twp. 10 S Range 20 W County Rooks State KANSAS
 Test Approved By Roger Martin Diamond Representative Jake Fahrenbruch

Formation Test No. THREE Interval Tested from 3618 ft. to 3722 ft. Total Depth 3722 ft.
 Packer Depth 3613 ft. Size 6 3/4 in. Packer depth ----- ft. Size 6 3/4 in.
 Packer Depth 3618 ft. Size 6 3/4 in. Packer depth ----- ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ 3597 ft. Recorder Number _____ 0062 Cap. _____ 5,000 P.S.I.

Bottom Recorder Depth (Outside) _____ 3719 ft. Recorder Number _____ 11033 Cap. _____ 5,150 P.S.I.

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

Mud Type _____ Chemical _____ Viscosity _____ 54 Drill Collar Length _____ ft. I.D. _____ 2 1/4 in.

Weight _____ 9.2 Water Loss _____ 8.0 cc. Weight Pipe Length _____ ft. I.D. _____ 2 7/8 in

Chlorides _____ 1900 P.P.M. Drill Pipe Length _____ 3585 ft. I.D. _____ 3 1/2 in

Jars: Make _____ STERLING Serial Number _____ #5 Test Tool Length _____ 33 ft. Tool Size _____ 3 1/2-IF in

Did Well Flow? _____ NO Reversed Out _____ NO Anchor Length _____ 104 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: Surface blow, increased to 4.5". No blowback.

2nd Open: Surface blow, increased to 5.5". No blowback.

Recovered _____ 20 ft. of Clean Oil (24 Corrected Gravity)

Recovered _____ 60 ft. of HOCM 20% oil, 80% mud

Recovered _____ ---- ft. of Total Recovered Fluid: 80'

Recovered _____ ---- ft. of Tool Sample: Oily Mud 35% oil, 65% mud

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
	Total

Time Set Packer(s) _____ 9:00 AM A.M. P.M. Time Started Off Bottom _____ 12:00 PM A.M. P.M. Maximum Temperature _____ 110 Deg F

Initial Hydrostatic Pressure..... (A) _____ 1781 P.S.I.

Initial Flow Period..... Minutes _____ 30 (B) _____ 14 P.S.I. to (C) _____ 24 P.S.I.

Initial Closed In Period..... Minutes _____ 45 (D) _____ 796 P.S.I.

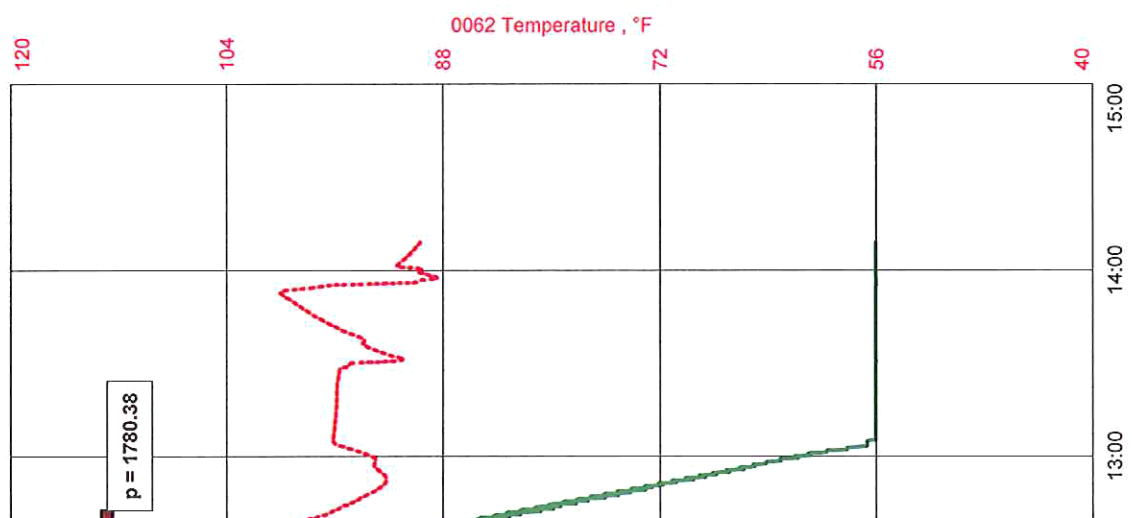
Final Flow Period..... Minutes _____ 45 (E) _____ 27 P.S.I. to (F) _____ 44 P.S.I.

Final Closed In Period..... Minutes _____ 60 (G) _____ 792 P.S.I.

Final Hydrostatic Pressure..... (H) _____ 1780 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.

Tomcat 'B' #3
 Formation: Arbuckle 3618'-3722'
 Pool: NA
 Job Number: F165



Vess Oil Corp.
DST #3 Arbuckle 3618'-3722'
Start Test Date: 2013/08/29
Final Test Date: 2013/08/29

Tomcat 'B' #3

