

ROGER L. MARTIN

INDEPENDENT PETROLEUM GEOLOGIST 316-250-6970

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

COMPANY VESS OIL CORPORATION
LEASE BASS #10
FIELD COOPER
LOCATION 2150' FSL & 1180' FWL
SECTION 12 TOWNSHIP 10S RANGE 21W
COUNTY GRAHAM STATE KANSAS

ELEVATIONS
KB 2277' GL 2272'
Measurements Are All
From KB
API 15-065-23954-00-00

CONTRACTOR L.D. DRILLING, Rig #1
SPUD 08/10/2013 COMP 08/21/2013
RTD 3910' (-1633) LTD 3910' (-1633)
ELECTRICAL SURVEYS
Pioneer Energy Services: DIL,
CNL/CDL, MEL, BHCS

CASING
SURFACE 8&5/8" set @ 232' KB
w/165 sx Class A, 3% CC
PRODUCTION 5&1/2" J-55 (Tenaris &
used T&D) set @ 3808' KB w/185 sx ASC.

FORMATION TOPS	LOG	SAMPLES	CHRONOLOGY
ANHYDRITE	1751' (+526)	1752' (+525)	08/10/2013- MIRU, SPUD 6:00 PM.
BASE ANHYDRITE	1786' (+491)	1788' (+489)	08/11/2013- Ran 5 jts 8 5/8" 23# used tested surface casing. Set @ 232' w/165 sx common w/3% CC. Circulated by Allied. Plug down 1:00 AM. D/O 9:00 AM.
TOPEKA	3283' (-1006)	3284' (-1007)	
HEEBNER	3483' (-1206)	3486' (-1209)	08/12/2013- Drilling @ 1746'
TORONTO	3507' (-1230)	3509' (-1232)	08/13/2013- Drilling @ 2660'.
LANSING	3524' (-1247)	3526' (-1249)	08/14/2013- Drilling @ 3275'. Displaced mud @ 2879'. Lost circulation @ 2849', ~ 100 bbl.
MUNCIE CREEK	3646' (-1369)	3645' (-1368)	08/15/2013- CFS @ 3615'. Ran DST #1.
STARK	3707' (-1430)	3709' (-1432)	08/16/2013- Drilling @ 3730'. Ran DST #2.
SWOPE	3714' (-1437)	3715' (-1438)	08/17/2013- Drilling @ 3810'. Ran DST #3.
HUSHPUCKNEY	3730' (-1453)	3731' (-1454)	08/18/2013- DTD 3824'. Pulling DST #4. TIH w/bit.
BASE KANSAS CITY	3745' (-1468)	3747' (-1470)	
ARBUCKLE	3809' (-1532)	3809' (-1532)	08/19/2013- DTD 3834'. Ran DST #5.
RTD/LTD	3910' (-1633)	3910' (-1633)	08/20/2013- RTD 3910' Ran DST #6. Prep to log & run casing.
			08/21/2013- TIH. Drill rat hole to RTD 3910'. Circ clean, TOH, Ran Dual Induction, Dual Compensated Porosity, Micro & Sonic logs. LTD 3910'. Ran bit to condition hole. Lay down drill pipe.

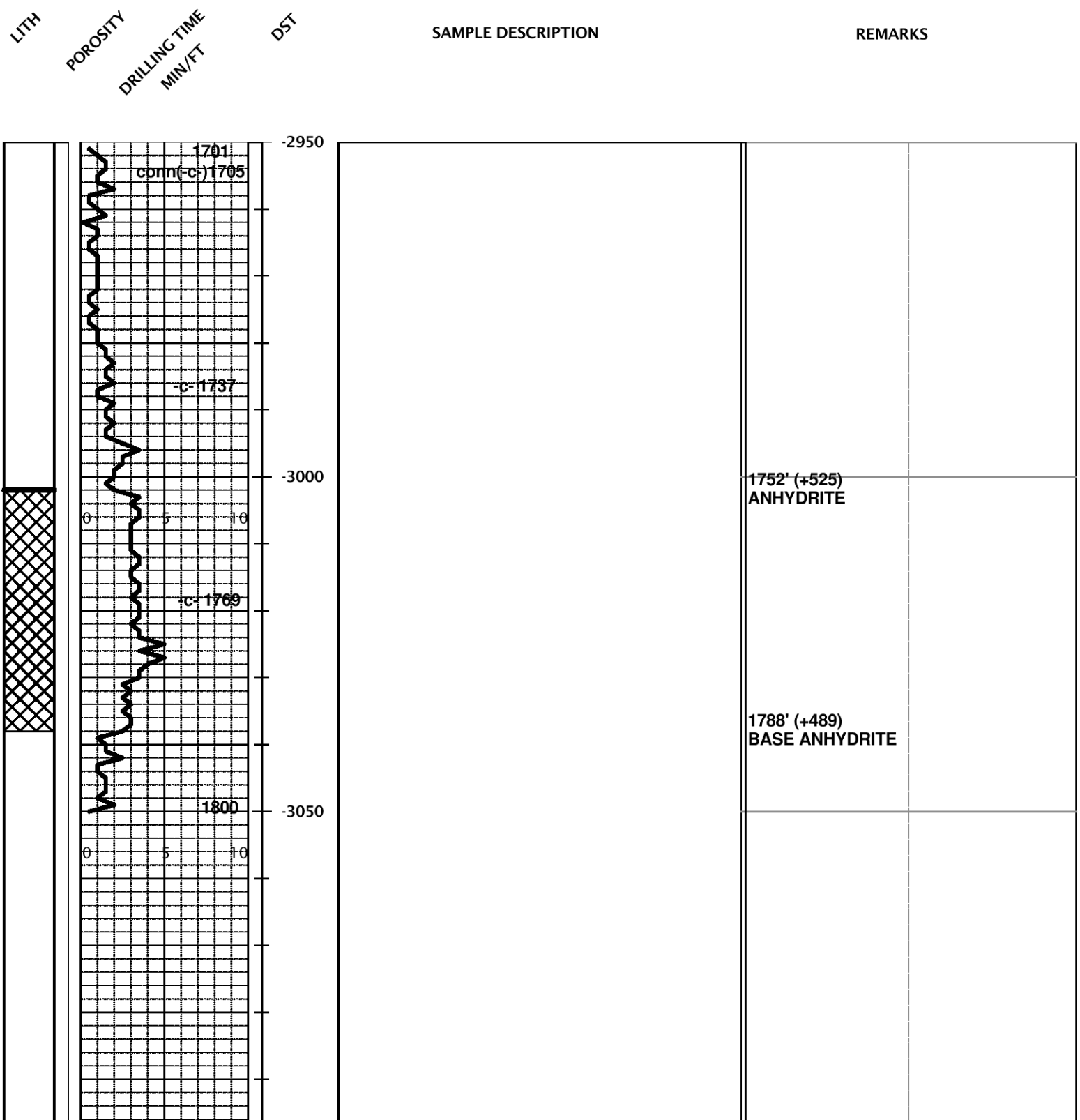
REMARKS:

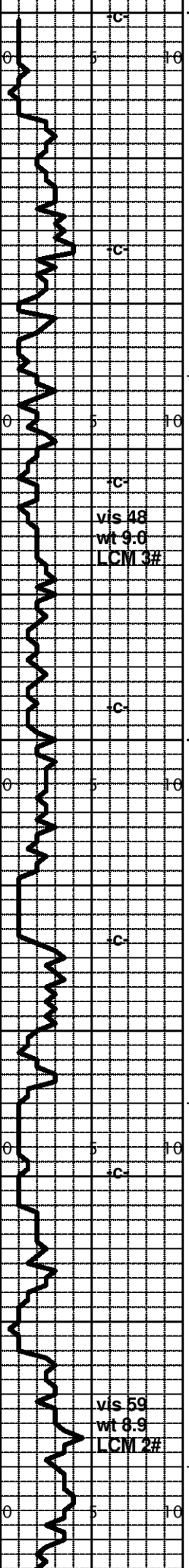
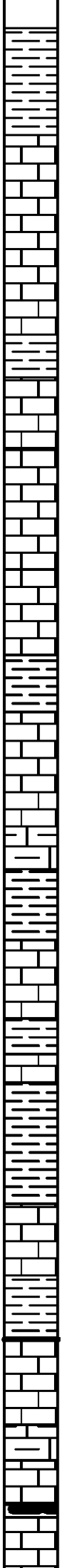
Casing Job: Ran float shoe on insert, new 5 1/3"- 15.5# J55 API Tenaris csg & used T&D 15.5# J55 csg. Tagged bottom @ 3914'. Set casing 2' off bottom (using RTD depth) @ 3808'. Waited on Allied's rotating head. Circulated 1 hour. unable to

depth) @ 3000 : waited on Ahmed's rotating head. Circulated 1 hour, unable to rotate. Cemented w/500 gal mud flush, 185 sx ASC w/10% salt, 2% gel, 1/4#/sk flo-cele, 5#/sk gilsonite. Plug down @ 6:45 AM w/1400#, held. Had good circulation throughout and cellar stayed full. Good lift pressure throughout and cellar stayed full. Rat hole plugged with 30 sx.

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

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





-3100

-3150

-3200

-3250

-3300

SH: gy-blk & gn-gy, sm pyrct, sm calc & lmy.

LS: gy-bf-cm, ms mot Pkst w/VPr- Pr Por, NS. Pred dn & argil Mdst & Wkst w/VPr- NVP. NS.

SH: AA, Pred blk carb & gy.

LS: gy-tn-cm, Pred dn Mdst & Wkst, Rr Pkst, VPr- NVP w/ NS. sm argil- shly.

LS: cm-tn, mx- fnxln, sm fos Pkst, Pr- Fr Por, NS. sm wh- chlky.

LS: bf-gy-wh, sm grnlr Pkst & sm mx- Vfnxln, dolomc, Pred dn Mdst- Wkst, Pred Pr- NVP, Rr Fr- Gd Por, NS.

SH: gy- blk, sm calc & lmy.

LS: Pred gy, dn & argil Mdst w/VPr- NVP & NS.

SH: (Incrs in 3240' spl) gy-blk, sm calc & lmy, Rr carb.

LS: gy-tn-wh, sm mot Pkst- fos w/sm 2nd ReX, Pred Pr- NVP, NS.

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

SH: Abndt gy-blk, calc & lmy, Rr pyrct.

LS: gy-cm-bf, sm argil Mdst, sm grnlr fos Pkst, Pr- NVP, NS.

SH: AA.

{TOPEKA} LS: tn-gy-wh, Pred dn Mdst & sm chlky, VPr- NVP, NS.

sm argil LS.

LS: AA & mot Pkst- Wkst, Pred VPr- NVP w/ NS. & SH: blk carb & gy.

LS: cm-tn- STN & gy, mx- Vfnxln, sm msucro, SI doloc, sm grnlr, Rr Fr Por: IX Por, IGr Por, pp- vug Por w/spt'd-

vis 48
wt 9.6
LCM 3#

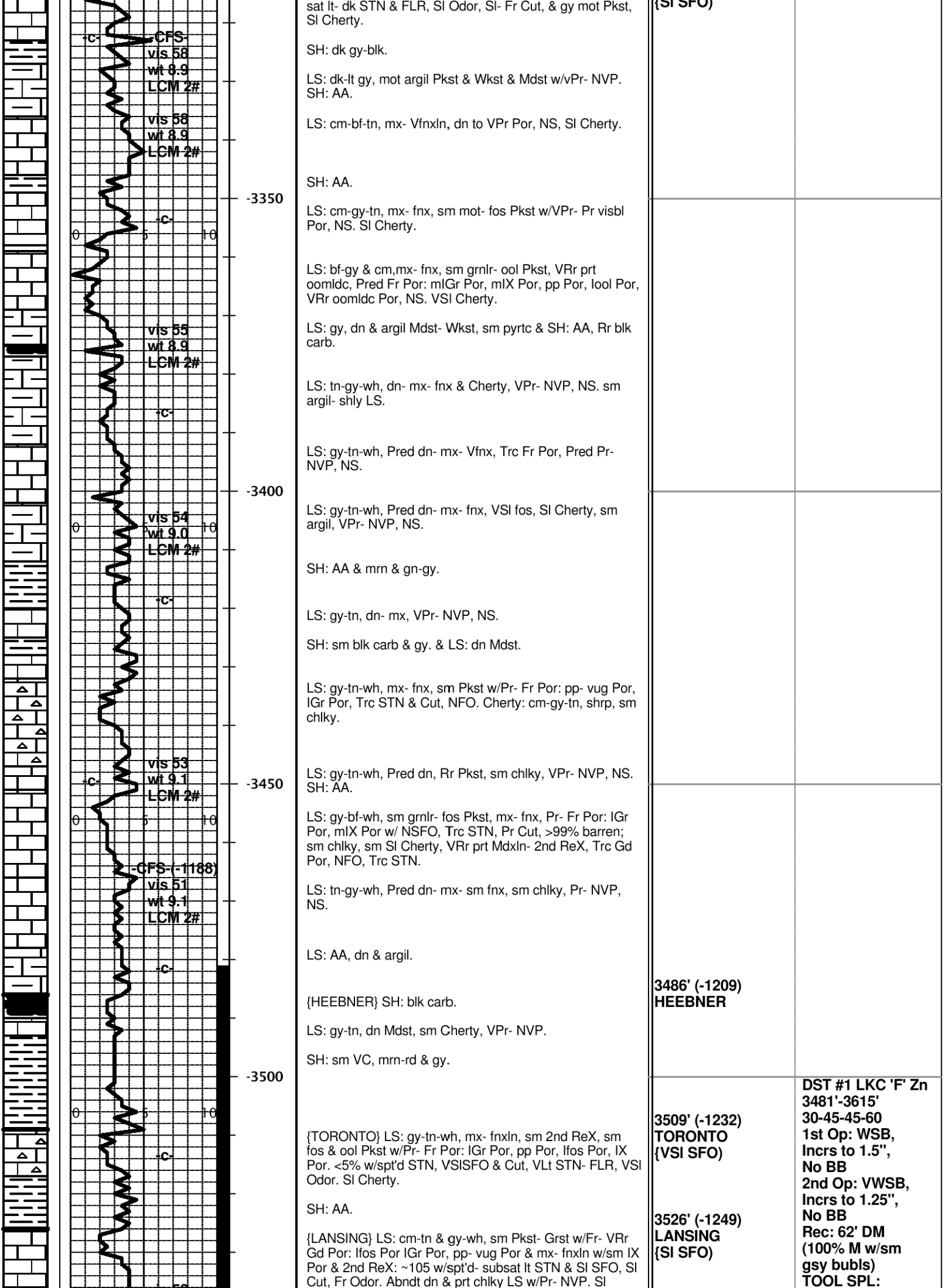
vis 59
wt 8.9
LCM 2#

3284' (-1007)
TOPEKA

ADD MUD

MUD CHECKS
by MUD-CO:
WT 8.9, VIS 59
PV 15, YP 25,
WL 7.4, pH 11.5
CI 1700, LCM 2#
@ 3292'

(SL 50)



CFS-
vis 58
wt 8.9
LCM 2#

vis 58
wt 8.9
LCM 2#

vis 55
wt 8.9
LCM 2#

vis 54
wt 9.0
LCM 2#

vis 53
wt 9.1
LCM 2#

CFS-1168
vis 51
wt 9.1
LCM 2#

-3350

-3400

-3450

-3500

sat lt- dk STN & FLR, SI Odor, SI- Fr Cut, & gy mot Pkst, SI Cherty.

SH: dk gy-blk.

LS: dk-lt gy, mot argil Pkst & Wkst & Mdst w/vPr- NVP. SH: AA.

LS: cm-bf-tn, mx- Vfnxln, dn to VPr Por, NS, SI Cherty.

SH: AA.

LS: cm-gy-tn, mx- fnx, sm mot- fos Pkst w/VPPr- Pr visbl Por, NS. SI Cherty.

LS: bf-gy & cm,mx- fnx, sm grnlr- ool Pkst, VRr prt oomldc, Pred Fr Por: mlGr Por, mIX Por, pp Por, lool Por, VRr oomldc Por, NS. VSI Cherty.

LS: gy, dn & argil Mdst- Wkst, sm pyrct & SH: AA, Rr blk carb.

LS: tn-gy-wh, dn- mx- fnx & Cherty, VPr- NVP, NS. sm argil- shly LS.

LS: gy-tn-wh, Pred dn- mx- Vfnx, Trc Fr Por, Pred Pr- NVP, NS.

LS: gy-tn-wh, Pred dn- mx- fnx, VSI fos, SI Cherty, sm argil, VPr- NVP, NS.

SH: AA & mrn & gn-gy.

LS: gy-tn, dn- mx, VPr- NVP, NS.

SH: sm blk carb & gy. & LS: dn Mdst.

LS: gy-tn-wh, mx- fnx, sm Pkst w/Pr- Fr Por: pp- vug Por, IGr Por, Trc STN & Cut, NFO. Cherty: cm-gy-tn, shrp, sm chlky.

LS: gy-tn-wh, Pred dn, Rr Pkst, sm chlky, VPr- NVP, NS. SH: AA.

LS: gy-bf-wh, sm grnlr- fos Pkst, mx- fnx, Pr- Fr Por: IGr Por, mIX Por w/ NSFO, Trc STN, Pr Cut, >99% barren; sm chlky, sm SI Cherty, VRr prt Mdxln- 2nd ReX, Trc Gd Por, NFO, Trc STN.

LS: tn-gy-wh, Pred dn- mx- sm fnx, sm chlky, Pr- NVP, NS.

LS: AA, dn & argil.

{HEEBNER} SH: blk carb.

LS: gy-tn, dn Mdst, sm Cherty, VPr- NVP.

SH: sm VC, mrn-rd & gy.

{TORONTO} LS: gy-tn-wh, mx- fnxln, sm 2nd ReX, sm fos & ool Pkst w/Pr- Fr Por: IGr Por, pp Por, lfos Por, IX Por. <5% w/spt'd STN, VSISFO & Cut, VLT STN- FLR, VSI Odor. SI Cherty.

SH: AA.

{LANSING} LS: cm-tn & gy-wh, sm Pkst- Grst w/Fr- VRr Gd Por: lfos Por IGr Por, pp- vug Por & mx- fnxln w/sm IX Por & 2nd ReX: ~105 w/spt'd- subsat lt STN & SI SFO, SI Cut, Fr Odor. Abndt dn & prt chlky LS w/Pr- NVP. SI

{SI SFO}

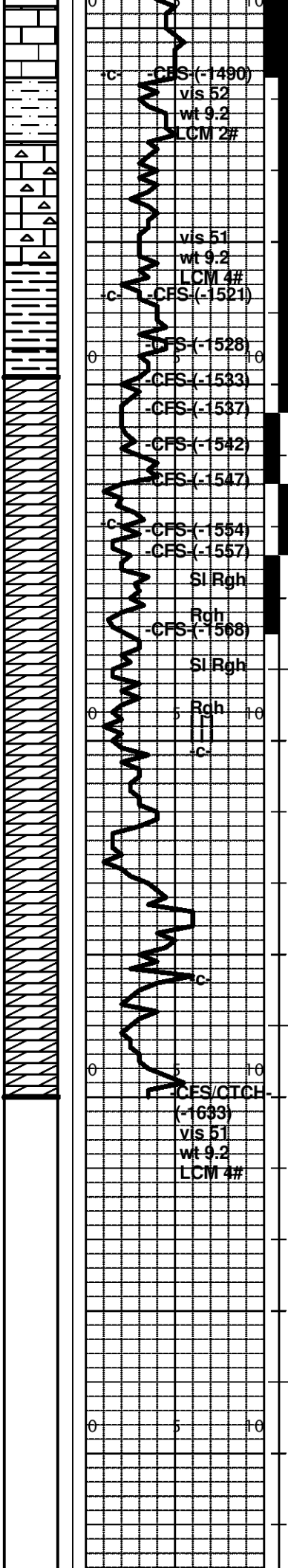
3486' (-1209)
HEEBNER

3509' (-1232)
TORONTO
{VSI SFO}

3526' (-1249)
LANSING
{SI SFO}

DST #1 LKC 'F' Zn
3481'-3615'
30-45-45-60
1st Op: WSB,
Incrs to 1.5",
No BB
2nd Op: VWSB,
Incrs to 1.25",
No BB
Rec: 62' DM
(100% M w/sm
gsy bubls)
TOOL SPL:

	<p>vis 53 wt 9.0 LCM 2.5# -c-</p> <p>-3550</p> <p>vis 53 wt 9.3 LCM 2#</p> <p>-3600</p> <p>-CFS- (-1338)</p> <p>vis 54 wt 9.4 LCM 2#</p> <p>-3650</p> <p>vis 54 wt 9.3 LCM 2#</p> <p>-3700</p> <p>vis 54 wt 9.3 LCM 2#</p> <p>-CFS- (-1458)</p> <p>-3750</p>	<p>Cherty.</p> <p>LS: tn-wh, dn & mx- fnx- sm 2nd ReX, VRr Md- CrsX's, <5% w/vug Por & STN- SFO- Cut, SI Odor.</p> <p>SH: blk carb & pyrtc.</p> <p>LS: dk gy, argil- dn Mdst. SH: AA, gn-gy & mrn-rd.</p> <p>LS: tn-gy-wh, sm mot Pkst- fos & ool, sm fnxln- VRr MdX's, sm 2nd ReX, sm chlky, Pr- Fr Por: pp Por, IGr Por, IX Por, vug Por w/spt'd- subsat STN- & FLR in >5% <10% & SI SFO & Fr Odor, SI- Fr Cut.</p> <p>SH: AA, gy- blk.</p> <p>LS: gy-tn-wh, Pred dn, sm chlky, mx- fnxln, sm mot Pkst, fos, Cherty: VC & fos, sm Pr- VRr Fr Por: pp- vug Por, IGr Por, IX Por, lfos Por, >5% <10% w/spt'd- sat STN & SI SFO- Cut, Fr Odor, Trc dd STN.</p> <p>LS: gy-tn-wh, Pred dn, sm chlky, VPr- Pr Por, Trc STN- SFO- Cut.</p> <p>LS: tn-wh, mot Pkst, ool & sm fos >10% <20% w/Pr- Fr Por: pp- vug Por, lool Por, lfos Por, IGr Por, VRr Gd Por, spt'd- sat STN, SI- Fr SFO, Trc dd STN, Fr Odor</p> <p>SH: VC, AA.</p> <p>LS: tn-wh, prt chlky & mx- fnxln, sm ool Pkst, VRr prt oomldc w/Fr Por, VRr dd STN w/ NFO.</p> <p>LS: wh-gy, prt chlky & mx- fnx, VPr- NVP w/NS.</p> <p>LS: wh-tn-gy, prt chlky & mx- fnx & dn, VPr- NVP.</p> <p>{MUNCIE CREEK} SH: blk carb- Vcarb.</p> <p>LS: gy-bn, dn- mx- fnx, VPr- NVP, NS. SH: VC, AA & LS: gy- blk.</p> <p>LS: tn-gy-wh, Pred dn Mdst & Wkst, sm mx- fnxln & sm Pkst, sm VPr- Pr Por: pp- vug Por, IX Por, Trc dd STN, NFO. Cherty: Trc Tn STN w/VPr- Pr Cut, NFO.</p> <p>LS: tn-gy-wh, sm dn, sm mx- fnxln & Pkst, VPr- NVP.</p> <p>LS: tn-gy-wh, Pred dn Mdst- Wkst, sm mx- fnx- 2nd ReX, VRr Pkst, ool, >5% <10% w/spt'd- subsat STN, VSI SFO, VSI Odor, VSI- SI Cut, Trc Gd Por w/Trc sat STN.</p> <p>LS: tn-gy-wh, Pred dn Mdst- Wkst, sm mx- fnx- 2nd ReX, ~5% Pr- Fr mIX Por & pp Por. <5% Pkst: ool w/Pr- Fr lool & IGr Por w/spt'd- sat STN, SI SFO, SI Odor, SI- Fr Cut.</p> <p>{STARK} SH: VRr blk carb, sm VC- gn-gy & mrn-rd-viol.</p> <p>{SWOPE} LS: wh-tn-gy, prt chlky, sm mx- Vfnxln w/fn- crs 2nd ReX, sm grnlr Pkst, VRr Grst, >10% <20% w/Fr Por: IGr Por, pp- vug Por, IX Por w/spt'd- sat Tn OSTN, SI- Fr SFO- Cut, Fr Odor, sm Gsy.</p> <p>{HUSHPUCKNEY} SH: blk carb. LS: AA & ool Pkst, Rr Pr- Fr Por w/STN- SFO.</p> <p>LS: gy-tn-wh, mot Pkst, fn ool & grnlr & mx- fnx, Pred VPr- Pr visbl Por: IGr Por, lool Por, pp- vug Por, ~5% w/STN & SI SFO, SI Odor.</p> <p>{BASE KANSAS CITY} SH- SILTS: mrn-rd-pnk, sm micac, calc Silts- SH: VC.</p>	<p>{VSI SFO}</p> <p>AA w/few Ospts & SI sulfur Odr IHP: 1663 IFP: 10-25 ISIP: 609</p> <p>{SI SFO}</p> <p>FFP: 27-45 FSIP: 654 FHP: 1640 BHT: 107 F</p> <p>WT 9.2, VIS 57 PV 15, YP 27 WL 7.4, pH 10.5 CI 1700, LCM 2# @ 3615'</p> <p>{SI SFO}</p> <p>{Trc SFO}</p> <p>{SI- Fr SFO}</p> <p>3645' (-1368) MUNCIE CREEK SH</p> <p>DST #2 LKC 'H'-'L' Zns 3640-3767' 30-45-45-60 1st Op: WSB, Incrs to 1.25", No BB 2nd Op: WSB, Incrs to 2.25", No BB Rec: 31' SIOCM (8%O,92%M) TOOL SPL: 3%G,20%O, 2%W,75%M IHP: 1756 IFP: 9-16 ISIP: 427</p> <p>{VSI SFO}</p> <p>{SI SFO}</p> <p>3709' (-1432) STARK SH 3715' (-1438) SWOPE {SI- Fr SFO}</p> <p>3731' (-1454) HUSHPUCKNEY SH {VSI SFO} {SI SFO}</p> <p>3747' (-1470) BASE KANSAS CITY</p> <p>DST #3 ARB (5'p) 3743'-3814'</p>
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LS: cm-bf-gy, ambr, mot, mx- Mdx, sm Pkst- grnlr- ool, Pred VPr- NVP w/NS.

SH- SILTS: VC, mrn-rd & violt & lt-dk gn-gy, sm pyrct, sm calc & lmy.

LS: tn-gy-wh, VC- ambr & violt, dn- cryptox- fnx, Cherty: VC, shrp, ambr, orng-rd.

LS: AA.

Incrs SH: VC, Abndt mrn-rd & ambr- gn & turq-gn.

Abndt SH: AA- VC. Rr Chert, VC- shrp, AA. sm LS: AA, NS.

Incrs Turq-gn-aqua SH: sm argil- shly DLS. (ARBuckle) DOLO: (3810' 60 min spl) 20-255 ARB DOLO: bf Tn- dk- rich Brn, fnxln sucro- prt Mdxln- sm 2nd ReX, Pred Fr- Gd IX Por w/subsat- sat STN & dull FLR, Fr- Gd SFO & Cut, Fr Odor. (3814' 60 min spl) ~905 ARB DOLO: bf-Tn-bn- STN, ~70% prt dn- mx- fnx w/Pr visbl Por, sm spt'd STN & dull FLR, SI SFO & Cut; ~30% mx-Mdxln w/Rr CrsX's- 2nd ReX w/Fr- Gd Por: IX Por & vug Por & 2nd ReX w/subsat- sat STN & dull FLR, Fr- Gd SFO & Cut & Frly Strng Odor, VRr rhmbc- Mdxln- CrsX w/Gd- VGd Por w/sat STN- Gd SFO. (3819' 40 min spl) ~40% ARB DOLO: cm-tn, sm Tn-bn- STN, mx- Mdxln, ~70% prt dn w/Pr visbl Por, sm spt'd STN- SFL- Cut & dull FLR; ~30% prt fnxln- Mdxln- sm 2nd ReX w/Fr- Gd Por: IX Por & vug Por w/subsat- sat Tn-bn OSTN & Fr- Gd SFO & STN- Cut, dull FLR wet & dry, Frly Strng Odor, SI Cherty- Trc STN. (3824') DOLO: cm-tn, mx- Mdxln, ~35% Fr Por: IX Por, subsat STN, Fr- Gd SFO- Cut. ~5% w/Gd Por, sat STN, Gd SFO. (3829') DOLO: 40% Vfn-fnxln, VRr Mdxln w/Fr- Gd IX Por & vug Por w/STN, Fr- Gd SFO & Cut. (3834') DOLO: ~60% prt dn- mx- fnxln w/Pr visbl Por, spt'd STN & SFO. ~40% mx- Mdxln, VRr Crs- VCrsX's- 2nd ReX, Fr- Gd Por, subsat- sat STN, Gd SFO- Cut. (3845') DOLO: ~30% fnxln- Mdxln, bf- tn, Fr- Gd Por: IX Por & vug Por, spt'd- sat STN, Tn-bn & blk STN, sm dd STN, sm SI- Fr SFO. ~70% dn- Pr Por. (3862') DOLO: bf-tn, mx- Mdxln, ~80% dn- Pr Por & barren. ~20% w/ Fr- Gd Por, spt'd- subsat STN, SI- Fr SFO & Cut & Odor. (3871') DOLO: gy-tn-bn, Abndt fnxln, sucro & Rr mdxln rhmbc w/Fr- Gd IX Por & vug Por, subsat- sat STN, sm dd STN, SI SFO. Abndt dn- Pr Por & barren.

DOLO: bf-tn, mx- Mdxln, ~25% w/Fr- Gd vug Por & IX Por, Pred dd STN w/NFO. VRr SI SFO AA.

DOLO: bf-tn, Mdxln- CrsXln, ~40% w/Fr- VGd Por: vug Por, IX Por, sm spt'd dd- asphaltic STN w/NFO.

DOLO: AA, sm dn- Pr Por, SI Cherty, Trc ool Chert.

WT 9.2, VIS 52
PV 18, YP 16
WL 9.2, pH 8.5
CI 3000, LCM 2#
@ 3766'

3809' (-1532)
ARBuckle
{Fr- Gd SFO}
{Fr- Gd SFO}

{Fr- Gd SFO}

{Fr- Gd SFO}

{Fr SFO}

{SI- Fr SFO}

{SI- Fr SFO}

[SI SFO]

3910' (-1633)
RTD/LTD

WT 9.4, VIS 48
PV 12, YP 16
WL 10.0, pH 8.0
CI 3400, LCM 2#
@ 3814'

WT 9.5, VIS 47
PV 12, YP 15
WL 10.2, pH 8.0
CI 3400, LCM 3#
@ 3824'

WT 9.2, VIS 50
PV 12, YP 15
WL 12.0, pH 8.0
CI 4000, LCM 2#
@ 3834'

WT 9.2, VIS 51
PV 14, YP 23

30-45-45-60
1st Op: GSB,
Incrs to 3",
No BB
2nd Op: VWSB,
Incrs to 1.25",
No BB
Rec: <1' CO,
44' SI OCWM
(5%O,11%W,
84%M)
CI 8000 ppm
TOOL SPL:
10%O,20%W,
70%M
IHP: 1826

IFFP: 10-22
ISIP: 239
FFP: 23-32
FSIP: 230
FHP: 1818
BHT: 106 F

DST #4 ARB (15'p)
3814'-3824'
30-45-45-60
1st Op: GSB,
BOB 23 min,
No BB
2nd Op: WSB,
Incrs to 11",
No BB
Rec: 300' TF:
25' CO

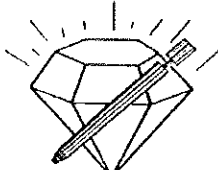
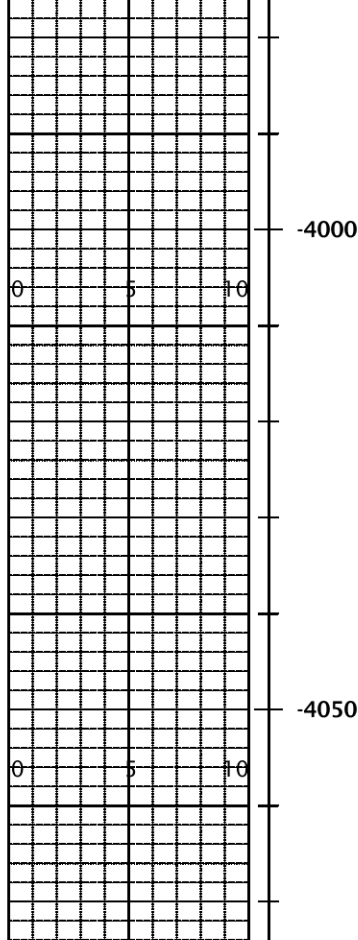
275' OSMW
(3%O,84%W,
13%M)
CI 22,000 ppm
TOOL SPL:
2%O,97%W,
1%M
IHP: 1849
IFFP: 11-73
ISIP: 320
FFP: 74-138
FSIP: 320
FHP: 1800
BHT: 112 F

DST #5 ARB (25'p)
3824'-3834'
30-45-45-60
1st Op: WSB,
Incrs to 9",
No BB
2nd Op: VWSB,
Incrs to 8",
No BB
Rec: 175' TF:
48' CO,
127' OSMW
(2%O,85%W,
13%M)
CI: 30,000 ppm
TOOL SPL:
4%O,94%W,
2%M
IHP: 1887
IFFP: 9-48
ISIP: 423
FFP: 46-84
FSIP: 423
FHP: 1885
BHT: 110 F

WL 11.2, pH 10.0
 CI 4000, LCM 4#
 @ 3875'

DST#6 ARB (36'p)
 3834'-3845'
 30-45-45-60
 1st Op: GSB,
 BOB 3 min,
 1/4" BB
 2nd Op: GSB,
 BOB 5 min,
 1.5" BB
 Rec: 1365' TF:
 350' GIP,
 115' CO,
 170' GHOCMW
 (12%G,27%O,
 53%W,8%M)
 510' GOSMW
 (2%G,2%O,
 95%W,1%M)
 570' VSIOGW
 (2%G,98%W
 w/sm Ospks)
 CI 26,000 ppm
 TOOL SPL:
 1%G,98%W,
 1%M w/sm Ospts
 IHP: 1829
 IFP: 29-314
 ISIP: 1037
 FFP: 321-603
 FSIP: 1038
 FHP: 1801
 BHT: 115

VESS OIL CORP
 BASS #10
 2150'FSL&1180'FWL
 Sec 12-10S-21W
 GRAHAM CO., KS
 API# 15-065-23954



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: BSS10DST1

TIME ON: 1320
 TIME OFF: 2130

Company VESS OIL CORPORATION Lease & Well No. BASS #10
 Contractor L.D. DRLG RIG 1 Charge to VESS OIL CORPORATION
 Elevation 2272 KB Formation TORONTO-LKC-F ZN Effective Pay _____ Ft. Ticket No. M528
 Date 8/15/2013 Sec. 12 Twp. _____ 10 S Range _____ 21 W County GRAHAM State KANSAS
 Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 3481 ft. to 3615 ft. Total Depth 3615 ft.
 Packer Depth 3476 ft. Size 6 3/4 in. Packer depth N/A ft. Size 6 3/4 in.
 Packer Depth 3481 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3463 ft. Recorder Number 0063 Cap. 3603 P.S.I.
 Bottom Recorder Depth (Outside) 3612 ft. Recorder Number 6884 Cap. 6,275 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 57 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.2 Water Loss 7.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 1,700 P.P.M. Drill Pipe Length 3449 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 134 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: WSB, INC. TO 1 1/2" (NO BB)

2nd Open: **VWSB INCREASED TO 1 1/4" (NO BB)**

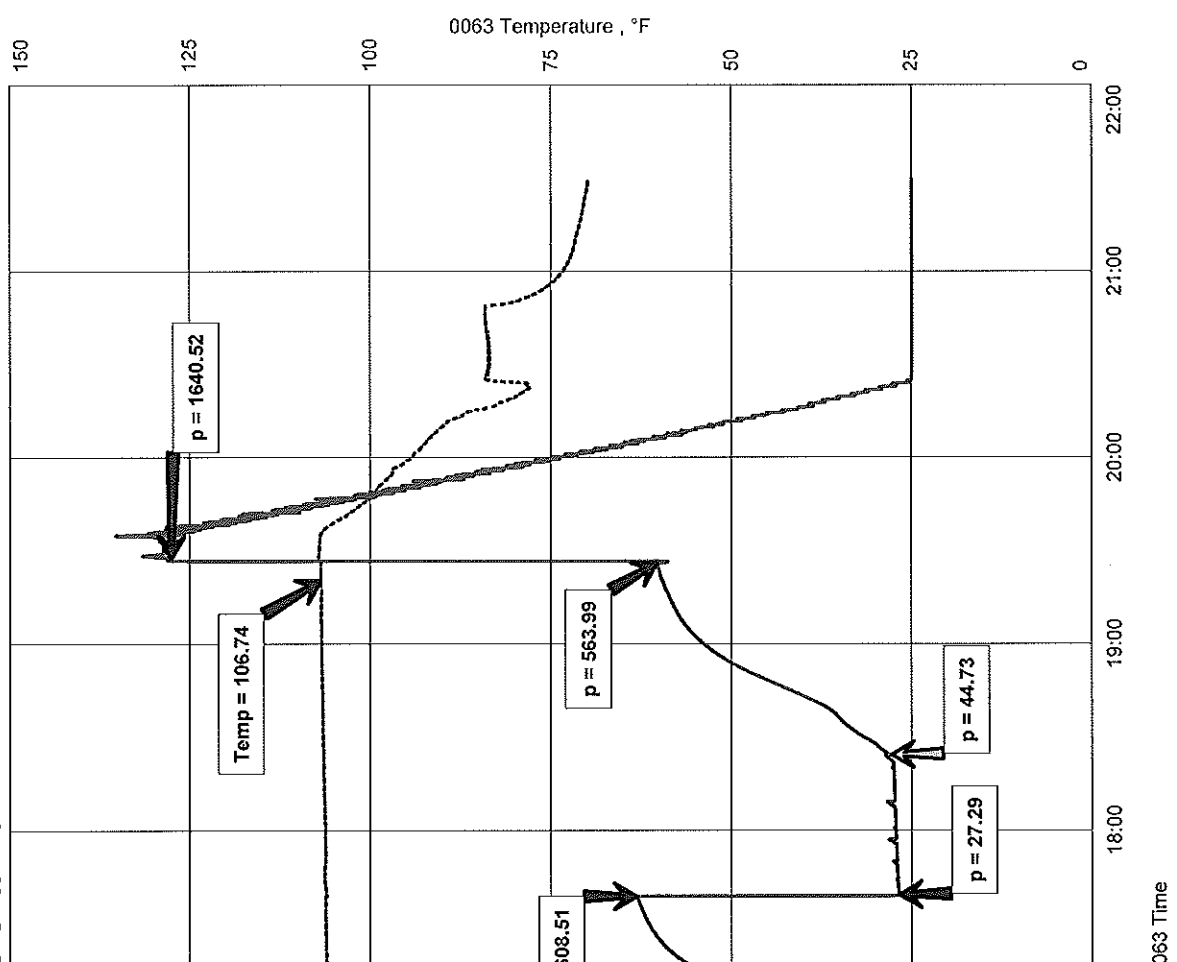
Recovered	62 ft. of	DM 100% MUD W/SOME GASSY BUBBLES
Recovered	62 ft. of	TOTAL FLUID
Recovered	ft. of	
Recovered	ft. of	
Recovered	ft. of	
Recovered	ft. of	
Remarks:		
TOOL SAMPLE: 100% DM W/ SOME GASSY BUBBLES AND A FEW SPOTS OF OIL & A SLIGHT SULPHUR ODOR		Total

Time Set Packer(s)	4:30 P.M.	A.M. P.M.	Time Started Off Bottom	7:30 P.M.	A.M. P.M.	Maximum Temperature	107
Initial Hydrostatic Pressure.....	(A)					1663 P.S.I.	
Initial Flow Period.....	Minutes	30	(B)	10 P.S.I. to (C)		25 P.S.I.	
Initial Closed In Period.....	Minutes	45	(D)	609 P.S.I.			
Final Flow Period.....	Minutes	45	(E)	27 P.S.I. to (F)		45 P.S.I.	
Final Closed In Period.....	Minutes	60	(G)	564 P.S.I.			
Final Hydrostatic Pressure.....	(H)					1640 P.S.I.	

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BASS #10
 Formation: DST#1 3481-3615 TORONTO-LKC-F ZN
 Pool: WILDCAT
 Job Number: M528

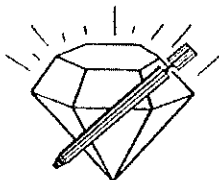
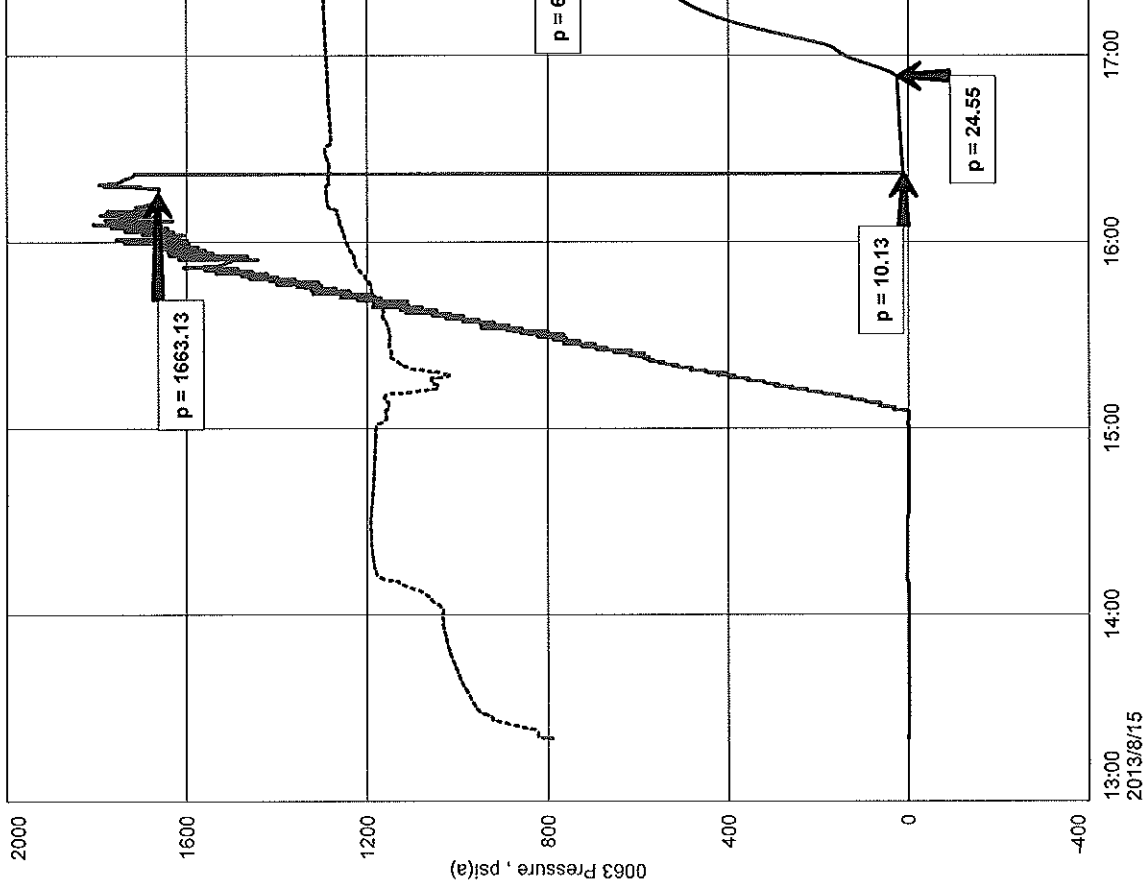
BASS #10



Fast

VESS OIL CORPORATION
 DST#1 3481-3615 TORONTO-LKC-F ZN
 Start Test Date: 2013/08/15
 Final Test Date: 2013/08/15

BASS



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: BSS10DST2

TIME ON: 1500
 TIME OFF: 2010

Company VESS OIL CORPORATION Lease & Well No. BASS #10
 Contractor L.D. DRLG RIG 1 Charge to VESS OIL CORPORATION
 Elevation 2277 KB Formation KC: H-L ZNS Effective Pay _____ Ft. Ticket No. M529
 Date 8/16/2013 Sec. 12 Twp. 10 S Range 21 W County GRAHAM State KANSAS
 Test Approved By ROGER MARTIN Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 3640 ft. to 3767 ft. Total Depth 3767 ft.
 Packer Depth 3635 ft. Size 6 3/4 in. Packer depth N/A ft. Size 6 3/4 in.
 Packer Depth 3640 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 3622 ft. Recorder Number 0063 Cap. 3603 P.S.I.
 Bottom Recorder Depth (Outside) 3764 ft. Recorder Number 6884 Cap. 6,275 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Mud Type CHEM Viscosity 52 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.2 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 3,000 P.P.M. Drill Pipe Length 3608 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 127 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: WSB, BUILT TO 1 1/4" (NO BB)

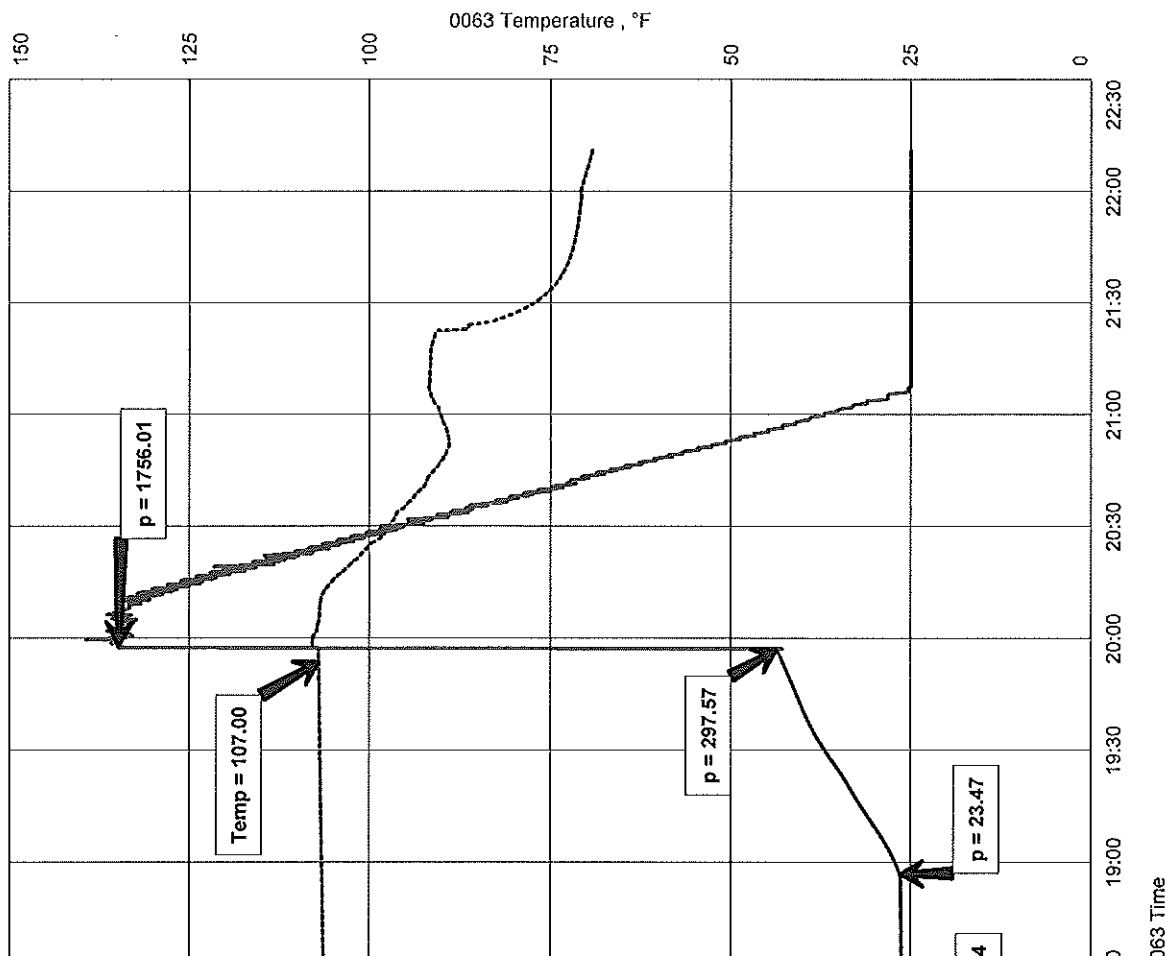
Recovered	31 ft. of	SOCM 8% OIL, 92% MUD	
Recovered	31 ft. of	TOTAL FLUID	
Recovered	ft. of		
Recovered	ft. of		
Recovered	ft. of		Price Job
Recovered	ft. of		Other Charges
Remarks:	80,000 LBS & JARS TO FREE UP (STR.WT.56,000)		Insurance
TOOL SAMPLE: 3% GAS, 20% OIL, 2% WTR, 75% MUD			Total

Time Set Packer(s)	5:00 P.M.	A.M. P.M.	Time Started Off Bottom	8:00 P.M.	A.M. P.M.	Maximum Temperature	107
Initial Hydrostatic Pressure.....	(A)					1756 P.S.I.	
Initial Flow Period.....	Minutes	30	(B)			9 P.S.I. to (C)	16 P.S.I.
Initial Closed In Period.....	Minutes	45	(D)			427 P.S.I.	
Final Flow Period.....	Minutes	45	(E)			17 P.S.I. to (F)	23 P.S.I.
Final Closed In Period.....	Minutes	60	(G)			298 P.S.I.	
Final Hydrostatic Pressure.....	(H)					1756 P.S.I.	

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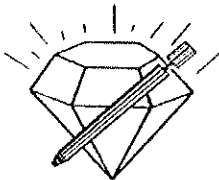
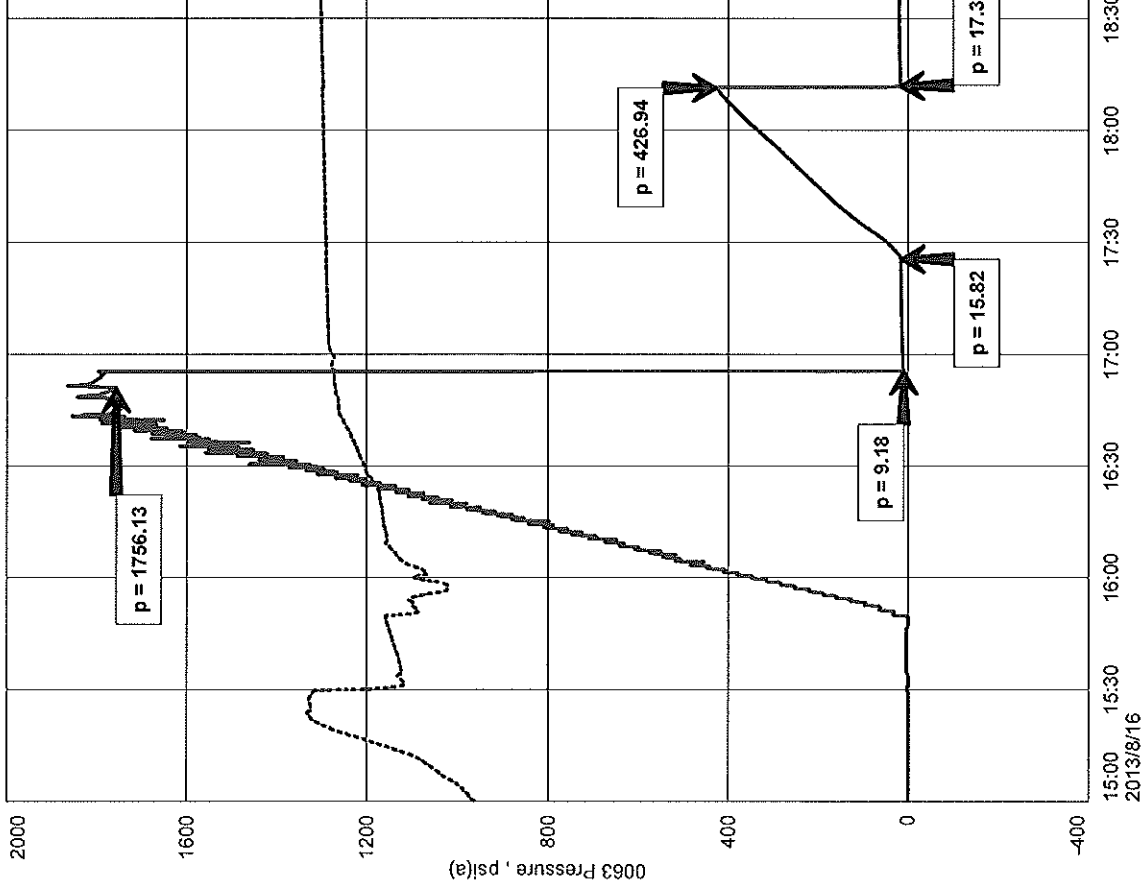
BASS #10
 Formation: DST#2 3640-3767 KC: H-L ZNS
 Pool: WILDCAT
 Job Number: M529

BASS #10



VESS OIL CORPORATION
 DST#2 3640-3767 KC: H-L ZNS
 Start Test Date: 2013/08/16
 Final Test Date: 2013/08/16

BASS



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: BSS10DST3

TIME ON: 1015
 TIME OFF: 1755

Company VESS OIL CORPORATION Lease & Well No. BASS #10
 Contractor L.D. DRLG RIG 1 Charge to VESS OIL CORPORATION
 Elevation 2277 KB Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. M530
 Date 8/17/2013 Sec. 12 Twp. 10 S Range 21 W County GRAHAM State KANSAS
 Test Approved By ROGER MARTIN Diamond Representative MIKE COCHRAN

Formation Test No. 3 Interval Tested from 3743 ft. to 3814 ft. Total Depth 3814 ft.
 Packer Depth 3738 ft. Size 6 3/4 in. Packer depth N/A ft. Size 6 3/4 in.
 Packer Depth 3743 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 3725 ft. Recorder Number 0063 Cap. 3603 P.S.I.
 Bottom Recorder Depth (Outside) 3811 ft. Recorder Number 6884 Cap. 6,275 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Mud Type CHEM Viscosity 52 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.2 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 3,000 P.P.M. Drill Pipe Length 3711 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 71 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: GSB, BUILT TO 3" NO BB

Recovered	<1 ft. of	CO 100% OIL	GRAVITY: 31.4 @ 60°
Recovered	~44 ft. of	SOCWM 5% OIL, 11% WTR, 84% MUD	
Recovered	45 ft. of	TOTAL FLUID	
Recovered	ft. of		
Recovered	ft. of	CHLOR: 8,000 PPM	Price Job
Recovered	ft. of	RW: .70 @ 76 DEG	Other Charges
Remarks:		PH: 7.0	Insurance
TOOL SAMPLE: 10% OIL, 20% WTR, 70% MUD			Total

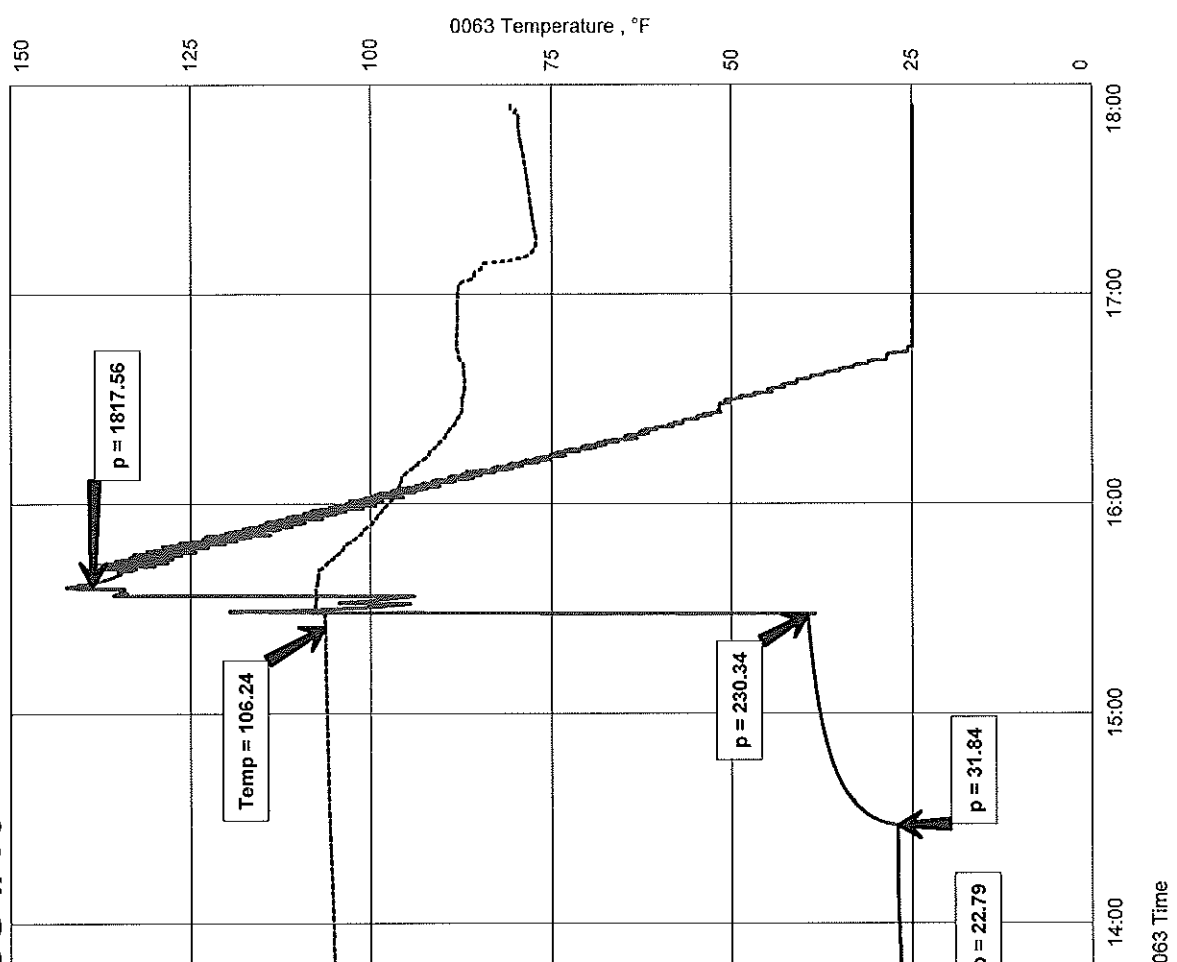
Time Set Packer(s)	12:30 P.M.	A.M. P.M.	Time Started Off Bottom	3:30 P.M.	A.M. P.M.	Maximum Temperature	106
Initial Hydrostatic Pressure.....	(A)					1826 P.S.I.	
Initial Flow Period.....	Minutes	30	(B)			10 P.S.I. to (C)	22 P.S.I.
Initial Closed In Period.....	Minutes	45	(D)			239 P.S.I.	
Final Flow Period.....	Minutes	45	(E)			23 P.S.I. to (F)	32 P.S.I.
Final Closed In Period.....	Minutes	60	(G)			230 P.S.I.	
Final Hydrostatic Pressure.....	(H)					1818 P.S.I.	

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Fast

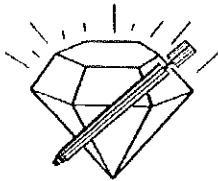
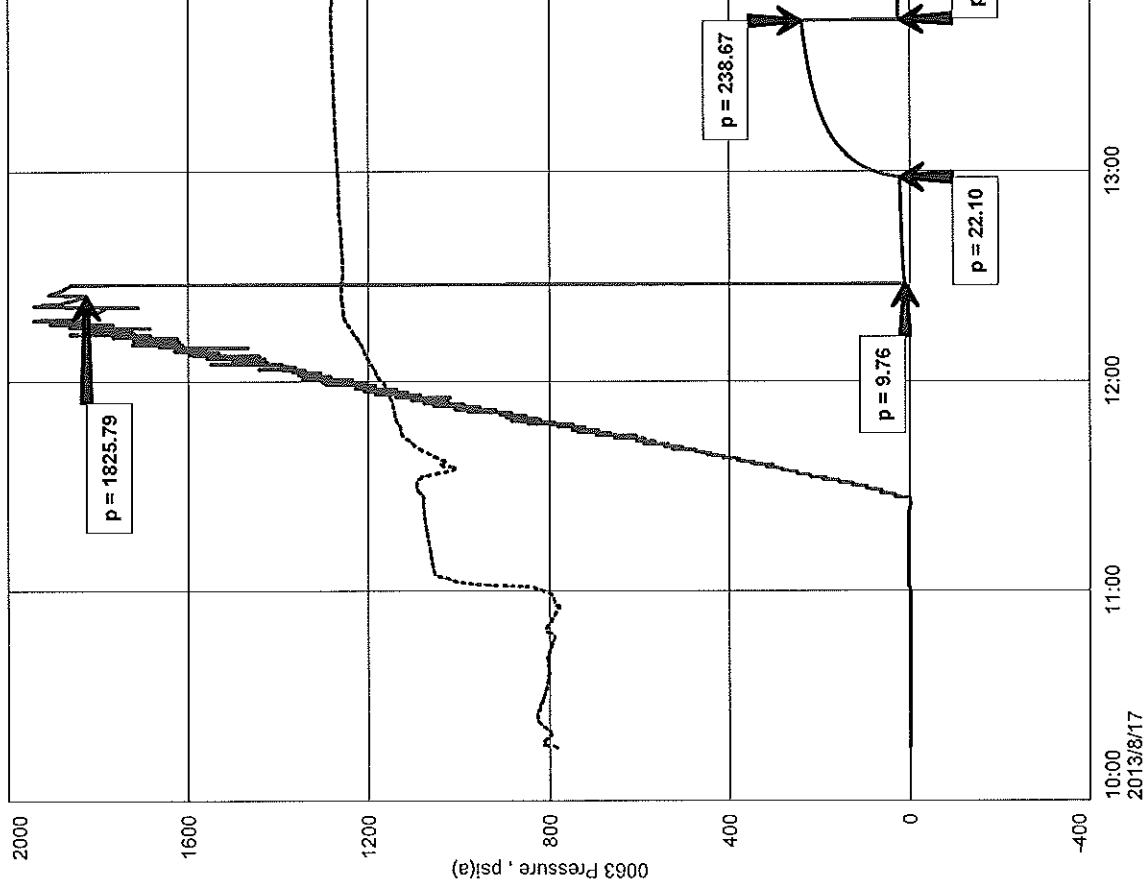
BASS #10
 Formation: DST#3 3743-3814 ARBUCKLE
 Pool: WILDCAT
 Job Number: M530

BASS #10



VESS OIL CORPORATION
 DST#3 3743-3814 ARBUCKLE
 Start Test Date: 2013/08/17
 Final Test Date: 2013/08/17

BASS



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: BSS10DST4

TIME ON: 0130
 TIME OFF: 0925

Company VESS OIL CORPORATION Lease & Well No. BASS #10
 Contractor L.D. DRLG RIG 1 Charge to VESS OIL CORPORATION
 Elevation 2277 KB Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. M531
 Date 8/18/2013 Sec. 12 Twp. 10 S Range 21 W County GRAHAM State KANSAS
 Test Approved By ROGER MARTIN Diamond Representative MIKE COCHRAN

Formation Test No. 4 Interval Tested from 3814 ft. to 3824 ft. Total Depth 3824 ft.
 Packer Depth 3809 ft. Size 6 3/4 in. Packer depth N/A ft. Size 6 3/4 in.
 Packer Depth 3814 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 3796 ft. Recorder Number 0063 Cap. 3603 P.S.I.
 Bottom Recorder Depth (Outside) 3821 ft. Recorder Number 6884 Cap. 6,275 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Mud Type CHEM Viscosity 58 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.3 Water Loss 10.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 3,400 P.P.M. Drill Pipe Length 3782 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 10 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: GSB, BOB 23 MIN (NO BB)

2nd Open: WSB, BUILT TO 11"

(NO BB)

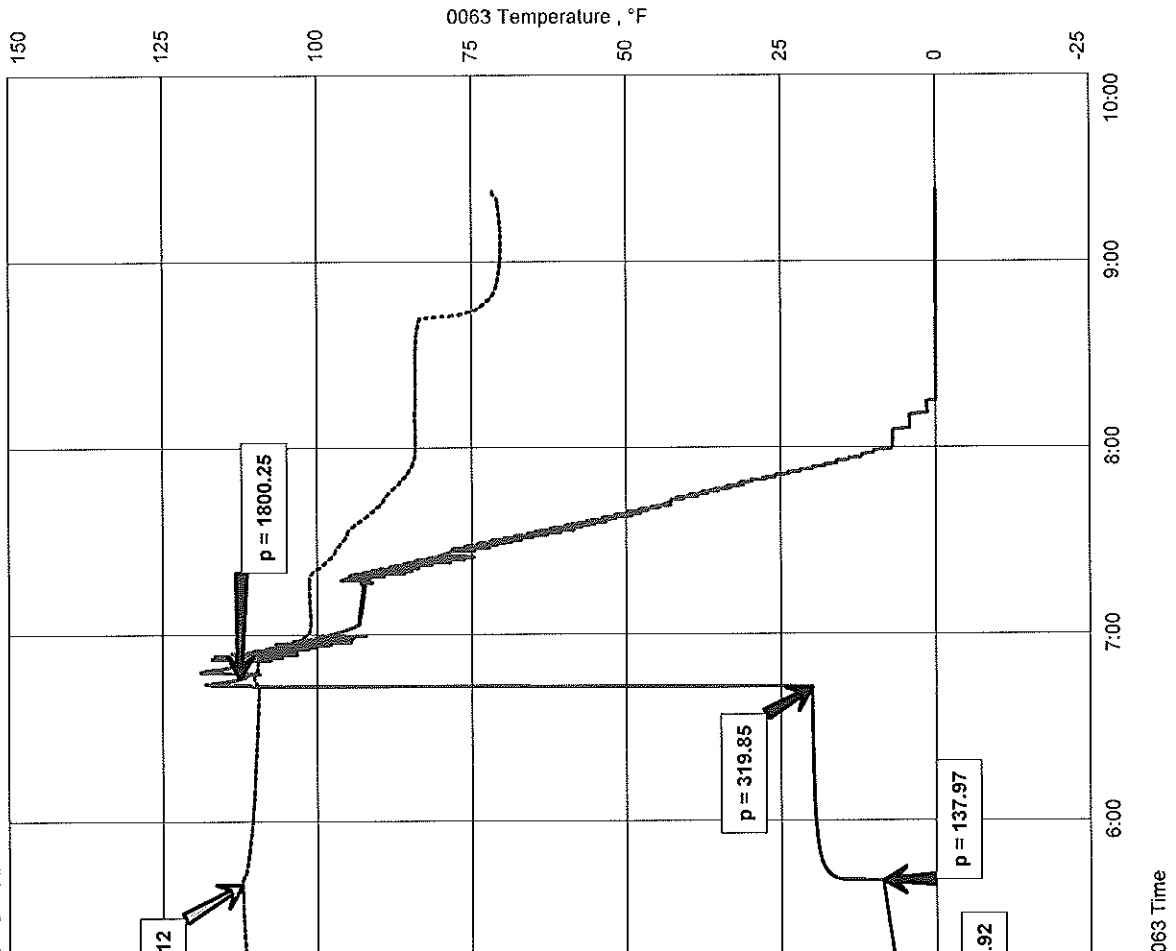
Recovered	25 ft. of	CO 100% OIL	GRAVITY: 31.4 @ 60°
Recovered	275 ft. of	OSMW 3% OIL, 84% WTR, 13% MUD	
Recovered	300 ft. of	TOTAL FLUID	
Recovered	ft. of		
Recovered	ft. of	CHLOR: 22,000 PPM	Price Job
Recovered	ft. of	RW: .42 @ 75 DEG	Other Charges
Remarks:		PH: 7.0	Insurance
TOOL SAMPLE: 2% OIL, 97% WTR, 1% MUD			Total

Time Set Packer(s)	3:45 A.M.	A.M. P.M.	Time Started Off Bottom	6:45 A.M.	A.M. P.M.	Maximum Temperature	112
Initial Hydrostatic Pressure.....	(A)					1849 P.S.I.	
Initial Flow Period.....	Minutes	30	(B)			11 P.S.I. to (C)	73 P.S.I.
Initial Closed In Period.....	Minutes	45	(D)			320 P.S.I.	
Final Flow Period.....	Minutes	45	(E)			74 P.S.I. to (F)	138 P.S.I.
Final Closed In Period.....	Minutes	60	(G)			320 P.S.I.	
Final Hydrostatic Pressure.....	(H)					1800 P.S.I.	

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BASS #10
 Formation: DST#4 3814-3824 ARBUCKLE
 Pool: WILDCAT
 Job Number: M531

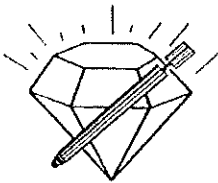
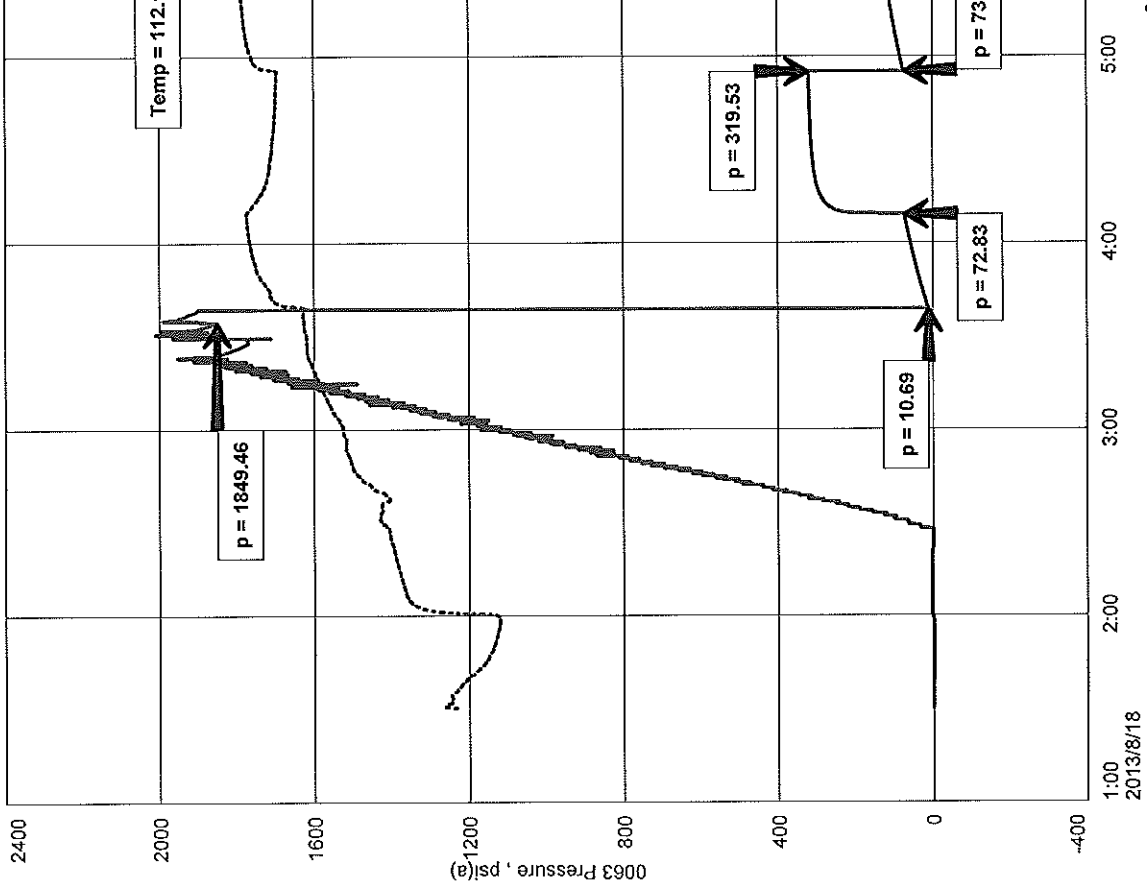
BASS #10



Fast

VESS OIL CORPORATION
 DST#4 3814-3824 ARBUCKLE
 Start Test Date: 2013/08/18
 Final Test Date: 2013/08/18

BASS



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: BSS10DST5

TIME ON: 0000
 TIME OFF: 0720

Company VESS OIL CORPORATION Lease & Well No. BASS #10
 Contractor L.D. DRLG RIG 1 Charge to VESS OIL CORPORATION
 Elevation 2277 KB Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. M532
 Date 8/19/2013 Sec. 12 Twp. 10 S Range 21 W County GRAHAM State KANSAS
 Test Approved By ROGER MARTIN Diamond Representative MIKE COCHRAN

Formation Test No. 5 Interval Tested from 3824 ft. to 3834 ft. Total Depth 3834 ft.
 Packer Depth 3819 ft. Size 6 3/4 in. Packer depth N/A ft. Size 6 3/4 in.
 Packer Depth 3824 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Sel _____

Top Recorder Depth (Inside)	<u>3806</u> ft.	Recorder Number	<u>0063</u> Cap.	<u>3603</u> P.S.I.
Bottom Recorder Depth (Outside)	<u>3831</u> ft.	Recorder Number	<u>6884</u> Cap.	<u>6,275</u> P.S.I.
Below Straddle Recorder Depth	_____ ft.	Recorder Number	_____ Cap.	_____ P.S.I.

Mud Type CHEM Viscosity 58 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.3 Water Loss 10.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 3,400 P.P.M. Drill Pipe Length 3792 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 10 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: WSB, BUILDING TO 9" (NO BB)

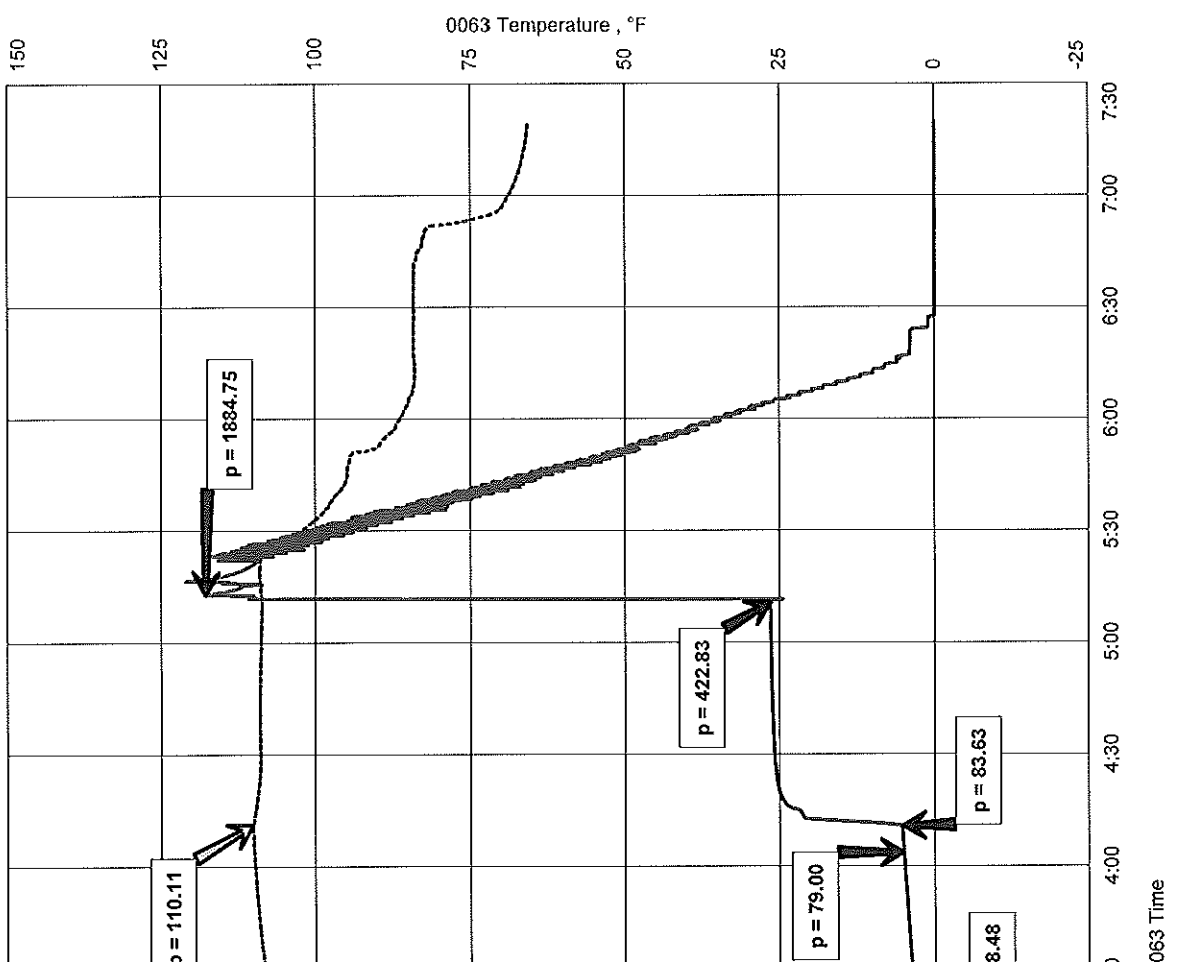
Recovered	~48 ft. of	CO 100% OIL	GRAVITY: 31.2 @ 60°
Recovered	127 ft. of	OSMW 2% OIL, 85% WTR, 13% MUD	
Recovered	175 ft. of	TOTAL FLUID	
Recovered	ft. of		
Recovered	ft. of	CHLOR: 30,000 PPM	Price Job
Recovered	ft. of	RW: .30 @ 68 DEG	Other Charges
Remarks:		PH: 7.0	Insurance
TOOL SAMPLE: 4% OIL, 94% WTR, 2% MUD			Total

Time Set Packer(s)	2:00 A.M.	A.M. P.M.	Time Started Off Bottom	5:07 A.M.	A.M. P.M.	Maximum Temperature	110
Initial Hydrostatic Pressure.....	(A)					1887 P.S.I.	
Initial Flow Period.....	Minutes	30	(B)			9 P.S.I. to (C)	48 P.S.I.
Initial Closed In Period.....	Minutes	45	(D)			423 P.S.I.	
Final Flow Period.....	Minutes	52	(E)			48 P.S.I. to (F)	84 P.S.I.
Final Closed In Period.....	Minutes	60	(G)			423 P.S.I.	
Final Hydrostatic Pressure.....	(H)					1885 P.S.I.	

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BASS #10
 Formation: DST#5 3824-3834 ARBUCKLE
 Pool: WILDCAT
 Job Number: M532

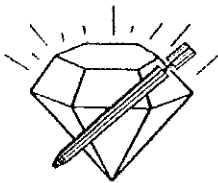
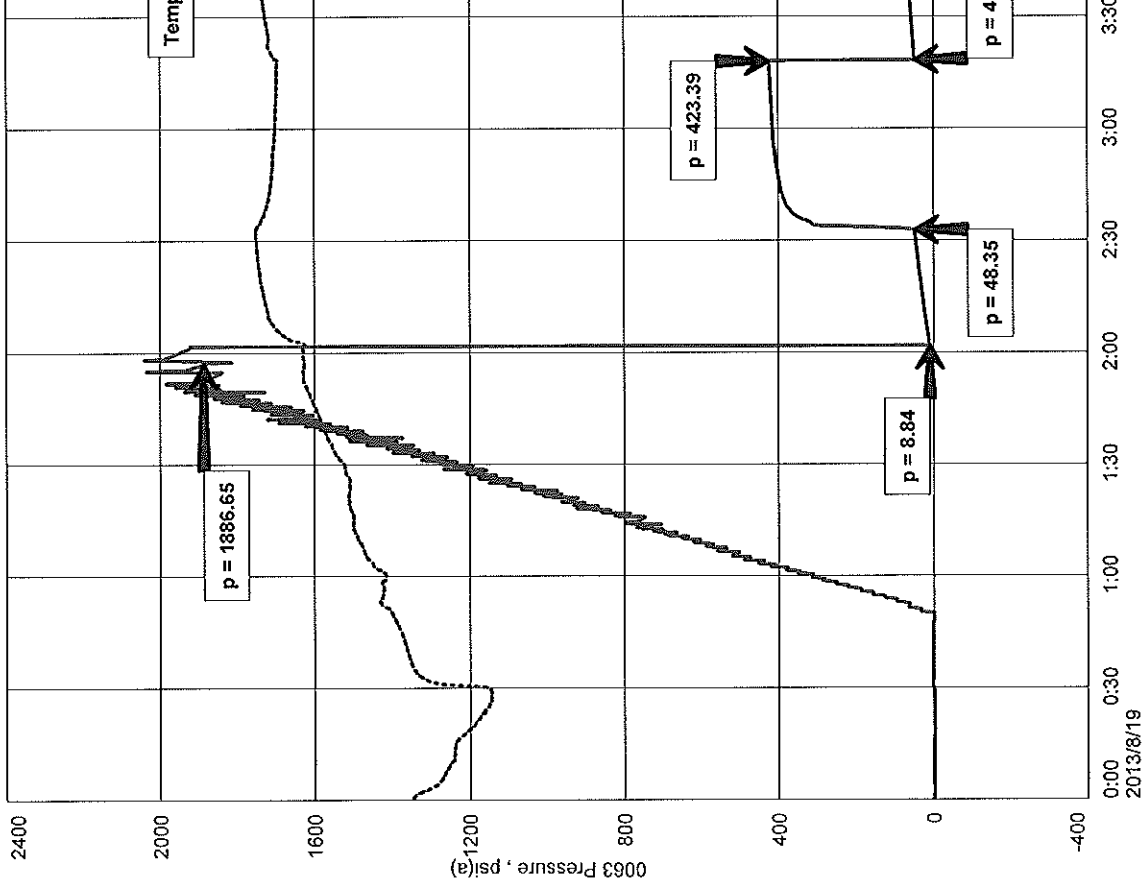
BASS #10



Fast

VESS OIL CORPORATION
 DST#5 3824-3834 ARBUCKLE
 Start Test Date: 2013/08/19
 Final Test Date: 2013/08/19

BASS



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: BSS10DST6

TIME ON: 1600 (8/19)
 TIME OFF: 0120 (8/20)

Company VESS OIL CORPORATION Lease & Well No. BASS #10
 Contractor L.D. DRLG RIG 1 Charge to VESS OIL CORPORATION
 Elevation 2277 KB Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. M533
 Date 8/120/2013 Sec. 12 Twp. 10 S Range 21 W County GRAHAM State KANSAS
 Test Approved By ROGER MARTIN Diamond Representative MIKE COCHRAN

Formation Test No. 6 Interval Tested from 3834 ft. to 3845 ft. Total Depth 3845 ft.
 Packer Depth 3829 ft. Size 6 3/4 in. Packer depth N/A ft. Size 6 3/4 in.
 Packer Depth 3834 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside)	<u>3816</u> ft.	Recorder Number	<u>0063</u> Cap.	<u>3603</u> P.S.I.
Bottom Recorder Depth (Outside)	<u>3842</u> ft.	Recorder Number	<u>6884</u> Cap.	<u>6,275</u> P.S.I.
Below Straddle Recorder Depth	_____ ft.	Recorder Number	_____ Cap.	_____ P.S.I.

Mud Type CHEM Viscosity 55 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.1 Water Loss 12.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 4,000 P.P.M. Drill Pipe Length 3802 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 11 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.

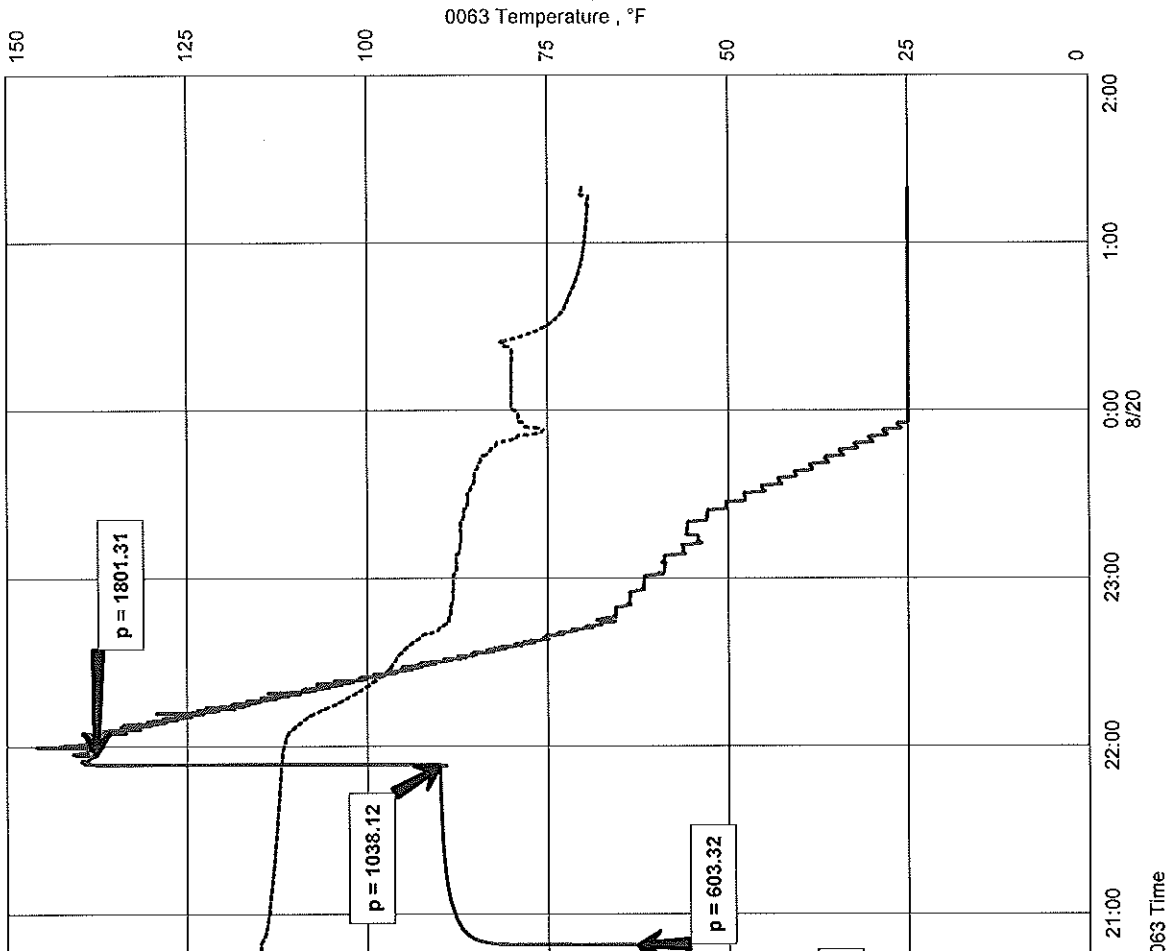
Blow 1st Open: GSB, BOB 3 MIN (1/4"BB)

Recovered	350 ft. of	GIP	
Recovered	115 ft. of	CO 100% OIL	GRAVITY: 30.4 @ 60°
Recovered	170 ft. of	GHOCMW 12% GAS, 27% OIL, 53% WTR, 8% MUD	
Recovered	510 ft. of	GOSMW 2% GAS, 2% OIL, 95% WTR, 1% MUD	
Recovered	570 ft. of	VSOSGW 2% GAS, 98% WTR W/SOME SPECKS OF OIL	Price Job
Recovered	1365 ft. of	TOTAL FLUID	Other Charges
Remarks:			Insurance
RW: .28 @ 70 DEG CHLOR: 26,000 PPM PH: 7.0			
TOOL SAMPLE: 1% GAS, 98% WTR, 1% MUD W/ SOME SPOTS OF OIL			Total

Time Set Packer(s)	7:00 P.M.	A.M. P.M.	Time Started Off Bottom	10:00 P.M.	A.M. P.M.	Maximum Temperature	115
Initial Hydrostatic Pressure.....	(A)					1829 P.S.I.	
Initial Flow Period.....	Minutes	30	(B)			29 P.S.I. to (C)	314 P.S.I.
Initial Closed In Period.....	Minutes	45	(D)			1037 P.S.I.	
Final Flow Period.....	Minutes	45	(E)			321 P.S.I. to (F)	603 P.S.I.
Final Closed In Period.....	Minutes	60	(G)			1038 P.S.I.	
Final Hydrostatic Pressure.....	(H)					1801 P.S.I.	

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BASS #10
 Formation: DST#6 3834-3845 ARBUCKLE
 Pool: WILDCAT
 Job Number: M533



Fast

VESS OIL CORPORATION
DST#6 3834-3845 ARBUCKLE
Start Test Date: 2013/08/19
Final Test Date: 2013/08/20

BASS

