

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

**GEOLOGIST'S REPORT**  
DRILLING TIME AND SAMPLE LOG

COMPANY VESS OIL CORPORATION  
 LEASE WILSON A # 442  
 FIELD EL DORADO  
 LOCATION 1320' FSL & 2540' FWL  
 SECTION 9 TOWNSHIP 25S RANGE 5E  
 COUNTY BUTLER STATE KANSAS

ELEVATIONS  
 KB 1380' GL 1374'  
 Measurements Are All  
 From KB: 1380'  
 API 15-015-23,890-00-00

CONTRACTOR C & G Drilling Rig #1  
 SPUD 3-28-11 COMP 4-2-11  
 RTD 2474' (-1094) LTD 2474' (-1094)  
 LOG-TECH: DIL; CNL/CDL; MEL  
1 DST by RICKETTS TESTING

CASING  
 SURFACE 885/8" 23#/ft set @ 263'  
w/ 150 sx Class A, 3% CaCl  
 PRODUCTION 5&1/2" 15.5#/ft J55  
set @ 2473' w/ 125 sx (see Remarks)

FORMATION TOPS	LOG	SAMPLES	CHRONOLOGY
ADMIRE 550' SD	566' (+814)	570' (+810)	
ADMIRE 650' SD	694' (+686)	687' (+686)	3-23-11; MIFU; Drill ratthole
BURLINGAME	837' (+543)	837' (+543)	
WHITE CLOUD LS	928' (+432)	926' (+434)	3-28-11; Spud 12&1/4" hole @ 2 pm
WHITE CLOUD SD	942' (+438)	932' (+448)	TD 12&1/4" hole @ 265' @ 10pm
TOPEKA	1095' (+285)	1095' (+285)	Ran 6 lts 8&5/8" 23#/ft csg (tally=255) Set @ 263' KB; cmt'd w/ 150 sx Class A, 3%CaCl By Consolidated (ticket # 30928) Circ Gd Cmt. Plug Down @ 11:30 pm on 3-28-11.
OREAD	1400' (-20)	1400' (-20)	3-29-11; PTD:265' WOC; Drill out @ 8 am. (Geologist on location)
HEEBNER SH	1438' (-58)	1437' (-57)	
DOUGLAS GRP	1468' (-88)	1468' (-88)	
DOUGLAS SD	1506' (-126)	1513' (-133)	3-30-11; Drig @ 1355' (will mud up @ 1600)
LANSING	1717' (-337)	1717' (-337)	
B/ LANSING	1844' (-464)	1848' (-466)	3-31-11; Drig @ 2130' MD Wt:9.1; Vis:38; LCM:2
KANSAS CITY	1996' (-616)	1997' (-617)	
STARK SH	2096' (-716)	2098' (-718)	4-1-11; RTD:2474' @ 7 am; Short trip to 1450- prep for DS #1; pulled tight thru Douglas Grp ~ 2hrs longer short trip than usual; TH @ 1:30pm.
B/KC	2153' (-773)	2155' (-775)	MD Wt:9.5; Vis:53; WL:9.4; LCM:2&1/2 DST #1 & E-logs @ RTD: 2474'
CHECKERBOARD	2231' (-851)	3323' (-852)	
HEPLER SD	2257' (-877)	2258' (-878)	4-2-11; RTD & LTD: 2474' Prep & run production csg. (See Remarks) Plug down @ 11:15 am 4-2-11.
ALTAMONI	2281' (-901)	2282' (-902)	
CHEROKEE GRP	2360' (-980)	2361' (-981)	
ARDMORE LS	2424' (-1044)	2426' (-1046)	
VIOLA	2472' (-1092)	2472' (-1092)	
TOTAL DEPTH (LTD/RTD)	2474' (-1094)	2474' (-1094)	

**REMARKS:** (E-LOG FORMATION TOPS/MARKERS BY PAUL RAMONDETTA, GEOLOGIST, VOC)

ON 4-2-11 5&1/2 INCH PRODUCTION CASING WAS SET FOR A COMPLETION IN THE VIOLA.

RAN 59 LITS OF 5&1/2" 15.5# J55 CSG. TALLY=2486.95. PLUS FLOAT SHOE=1.00. TOTAL =2487.95.  
 TAGGED TD AT 2474'. SET AT 2473'. 1' OFF TD. PUT ON 6 CENTRALIZERS & 2 BASKETS.  
 CONSOLIDATED SERVICES CEMENTED WITH 125 SX THICKSET. LIFT PRESSURE TO 800 #.  
 CAUGHT PRESSURE AT 34 BLS. GOOD CIRC OF MUD. LAND PLUG AT 1200 # AT 11:15 AM.  
 4-2-11. RELEASE. IT HELD. SET SLIPS & CUT OFF CASING. (TICKET # 29847)  
 (CASING JOB BY CASEY COATS, ENGR. VOC)

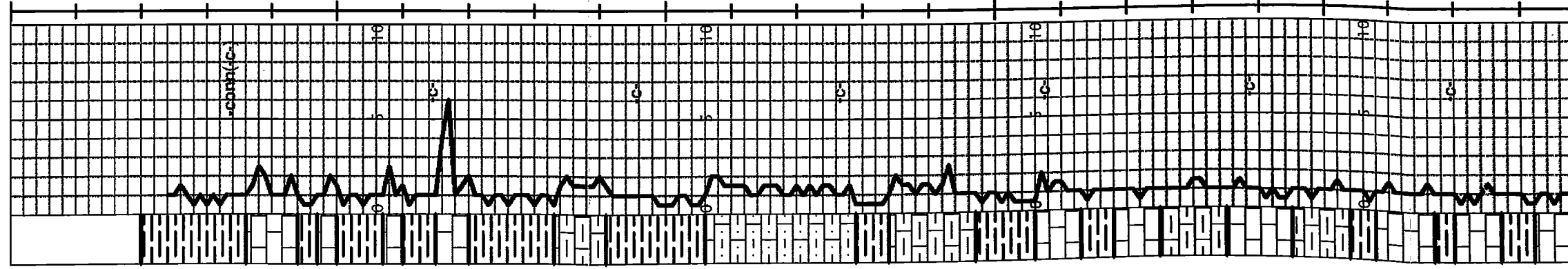
RESPECTFULLY SUBMITTED  
 ROGER L. MARTIN, GEOLOGIST (WELL-SITE)

LITH

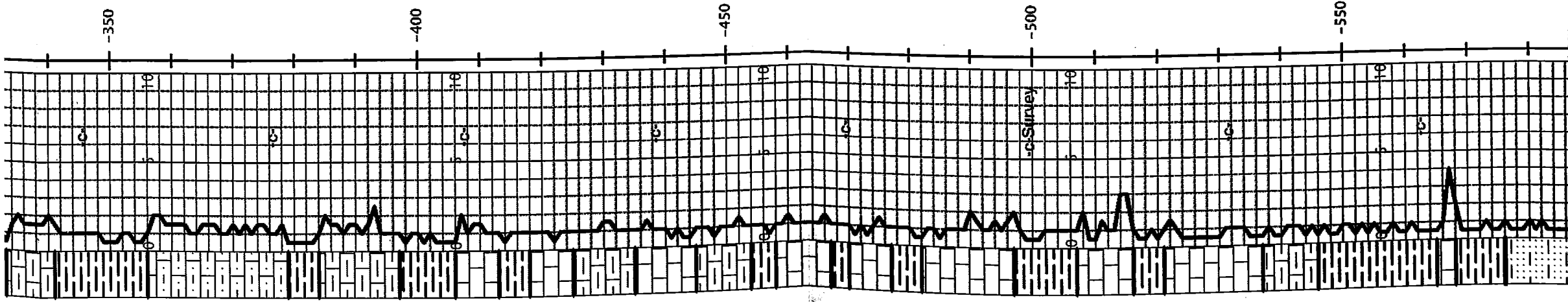
DRILLING TIME  
MIN/FT

SAMPLE DESCRIPTION

REMARKS



	<p>SH: green to gray (gn-gy).</p> <p>LS: tn-cm, microXln(mx)- prt fnXln(fnX), sm Wkst-Pkst w/ pr-Fr Por; NS.</p> <p>Pred SH: md-dk-gy.</p> <p>SH: dk-gy-bk.</p>		
	<p>LS: tn-gy-cm, dn-mx-fnX, sm fos; pr Por-NVP; NS.</p> <p>SH: AA; dk-gy-bk.</p> <p>LS: cm-tn, gn-gy, dn-mx, sm argil; Vpr-NVP; NS.</p> <p>SH: lt-dk-gn-gy, sm calc &amp; Lmy.</p>		
	<p>LS: gy-tn-cm, mx-VfnX; pred silty-argil; Vpr-NVP; NS. &amp; SILTS: gy; calc.</p> <p>SH: gy</p> <p>LS: cm-gy, dh-mx-VfnX, sm chilky, sm argil; pr Por-NVP; NS.</p> <p>SH: gy-bk</p>		
	<p>LS: cm-tn, mx-VfnX, sm dn, sm pr Por: pin point(pp); sm chilky; NS.</p> <p>LS: cm-tn, mx-VfnX; sm granlr-Pkst, sm ool &amp; fos, sm chilky; pr-Fr Por: pp, lGr, &amp; micro InterXln Por-(m-IXP) NS.</p> <p>SH: As Above (AA).</p>		
	<p>LS: cm-gy-tn, pred dh Mdst.</p> <p>SH: dk-gy</p> <p>LS: tn-cm, mx-fnXln, Rare(Rr) prt MdXln(MdX), fos, w/ pr-Fr Por: intra-fos Por; NS.</p>		



LS: cm-tn, gn-gy, dn-mx, sm argil; Vpr-NVP; NS.  
 SH: lt-dk-gn-gy, sm calc & Lmy.

LS: gy-tn-cm, mx-VfnX; pred silty-argil; Vpr-NVP; NS.  
 & SILTS: gy; calc.

SH: gy

LS: cm-gy, dn-mx-VfnX, sm chiky, sm argil; pr Por-NVP;  
 NS.

SH: gy-bk

LS: cm-tn, mx-VfnX, sm dn, sm pr Por: pin point(pp); sm  
 chiky; NS.

LS: cm-tn, mx-VfnX; sm granif-Pkst, sm ool & fos, sm  
 chiky; pr-Fr Por: pp, lGr, & micro InterXIn Por-(m-IXP) NS.

SH: As Above (AA).

LS: cm-gy-tn, pred dn Modst.

SH: dk-gy

LS: tn-cm, mx-fnXIn, Rare(Rr) prt MdXIn(MdX), fos, w/ pr-  
 Fr Por: Intra-fos Por; NS.

SH: incrs gy-bk, & SILTS: gy, calc.

LS: gy-tn, dn & mx-fnXIn, pr Por-NVP; NS.

SH: gy-bk.

LS: cm-gy, mx-VfnXIn, sm wh-chiky; pr visbl Por-NVP;  
 NS.

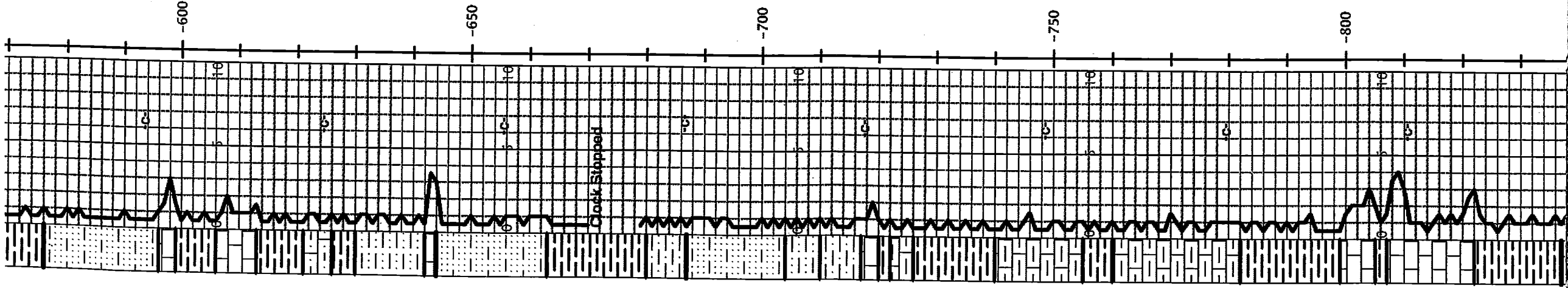
LS: AA; sm argil; & SILTS: lt-gy, calc.

SH-SILTS: dk-lt-gy, & gn-gy.

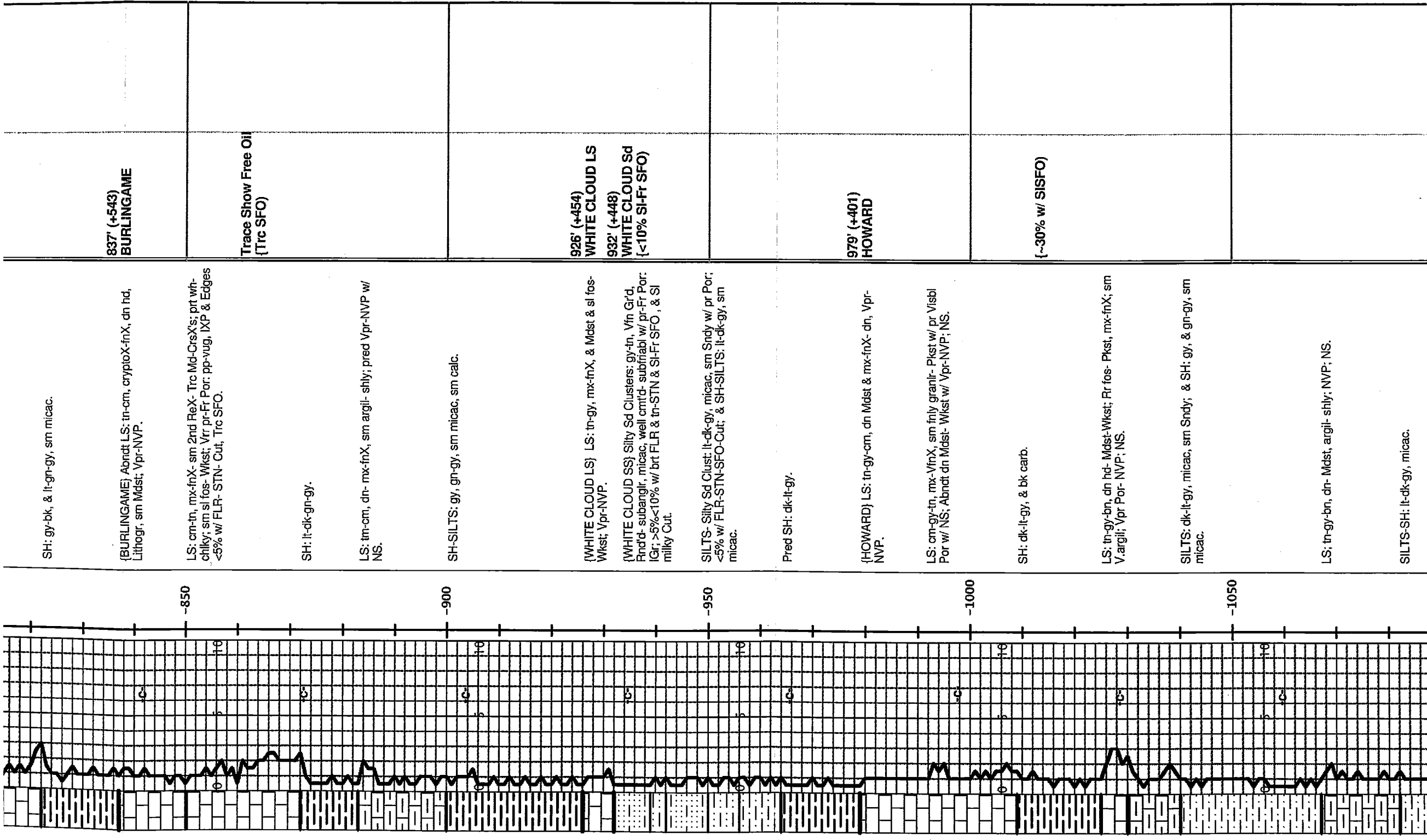
LS: tn-gy-brn, mx-fnX, sm dolomc, Vpr-NVP; pred dn hd;  
 NS. & SH: AA.

(ADMIRE 550' SD) SS- Sd Clusters: gy w/ tn-Oil STN; Vfn  
 Grd, silty, well cmt'd- subfnabl- sl calc, micac; w/ pr-Fr  
 visbl lGr Por; ~30% w/ brt FLR & Slight to Fair Show Free  
 Oil & Gas Bubbis-(SI-FRSFO-GB) w/ subsat- sak- tn- STN

576' (+804)  
 ADMIRE 550' Sd  
 Slight to Fair Show Free Oil  
 (SI-FRSFO; Fr Odor)



<p>576' (+804) ADMIRE 550' Sd Slight to Fair Show Free Oil (SI-FrSFO; Fr Odor)</p>	<p>(ADMIRE 550' SD) SS- Sd Clusters: gy w/ in-Oil STN; Vfn Grd, silty, well cmi'd- subiriabl- sl calc, micac; w/ pr-Fr visbl (Gr Por; ~30% w/ brt FLR &amp; Slight to Fair Show Free Oil &amp; Gas Bubls-(SI-FrSFO-GB) w/ subsat- sat- in- STN &amp; SI-Fr milky Cut, R, Gd Cut, Frly Strong Odor. &amp; SILTS- SH: gy, micac.</p> <p>LS: cm-gy-tn, dr- mx-fnX- Trc 2nd ReX; pr Por-NVP; NS.</p> <p>SH: gn-gy.</p> <p>LS: cm-gy-tn, dr- mx-VfnX, argil; Vpr Por-NVP; NS.</p> <p>SH: lt-dk-gn-gy, sm rd-mm, sm pyrtc; sm calc &amp; Lmy.</p> <p>SH- SILTS: lt-dk-gy-gy, sm pyrtc.</p> <p>LS: tn-gy-bn, dr-mx-fnXin, sm argil; Vpr-NVP.</p> <p>SS- Silty Sd Clusters: gy- in-STN, Vfn Grd, Rnd'd-subanglr; pr-Fr (Gr Por; ~20% w/ brt FLR &amp; subsat-sat STN &amp; SI-Fr SFO-GB &amp; milky Cut, Frly Strong Odor- (680'spl).</p> <p>(Sharp incrs SH in 700'spl)- SH: dk-gy-bk, micac.</p> <p>SILTS: gy, micac, sm calc.</p> <p>(ADMIRE 650' Sd) SS- Sd Clusters: gy w/ in-STN, Vfn-fnGr'd, Rnd'd-subanglr, silty to V silty, sm sl calc, micac; pr-Fr visbl (Gr Por; ~10% w/ brt FLR &amp; FrSFO w/ GB, &amp; subsat-sat STN &amp; SI-Fr milky Cut, Frly Strong Odor.</p> <p>SILTS: gy, micac, Sndy; &amp; V rare(Vrr) Silty Sd Clust: AA w/ FLR-SFO-STN-Cut; Odor.</p> <p>Pred SH: lt-dk-gy; &amp; SILTS &amp; Vrr Silty Sd Clust: AA.</p> <p>Rare(Rr) LS: gy-tn, dr, microXin(mx)- w/ sm fnXtIs(fnX), &amp; argil. Vpr-NVP.</p> <p>Pred SH: gy; &amp; sm SILTS: AA.</p> <p>LS: tn-gy-cm, dr-mx, sm argil- Mdst.</p> <p>SH: AA &amp; sm SILTS: AA</p> <p>LS: AA; Vrr Wkst-Pkst w/ pr Por; NS.</p> <p>SH: lt-dk-gy, sm micac; &amp; SILTS: AA.</p> <p>LS: cm-tn-gy-bn, pred dr Mdst &amp; mx-VfnX; sm argil; pred Vpr Por-NVP; NS; Trc oomlde w/ Gd Por w/ NS.</p> <p>LS: cm-tn, dr- mx-fnX; NVP;</p> <p>SH: gy-bk, &amp; lt-gn-gy, sm micac.</p>	<p>(Fr-Gd SFO &amp; Gas Bubls(GB)</p>	<p>687' (+693) ADMIRE 650' Sd {~10% Sd Clust w/ FrSFO-GB}</p> <p>837' (+543)</p>
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SH: gy-bk, & lt-gn-gy, sm micac.

{BURLINGAME} Abndt LS: tn-cm, cryptoX-fnX, dn hd, Lithogr, sm Mdst, Vpr-NVP.

LS: cm-tn, mx-fnX- sm 2nd ReX- Trc Md-CrsX's; prt wh-chiky; sm sl fos- Wkst; Vrr pr-Fr Por: pp-vug, IXP & Edges <5% w/ FLR- STN- Cut, Trc SFO.

SH: lt-dk-gn-gy.

LS: tn-cm, dn- mx-fnX, sm argil- shly; pred Vpr-NVP w/ NS.

SH-SILTS: gy, gn-gy, sm micac, sm calc.

{WHITE CLOUD LS} LS: tn-gy, mx-fnX, & Mdst & sl fos- Wkst; Vpr-NVP.

{WHITE CLOUD SS} Silty Sd Clusters: gy-tn, Vn Grd, Rnd'd- subanglr, micac, well cmt'd- subfrabl w/ pr-Fr Por: IGr; >5%<10% w/ brt FLR & tn-STN & SH-Fr SFO; & SI milky Cut.

SILTS- Silty Sd Clust: lt-dk-gy, micac, sm Sndy w/ pr Por; <5% w/ FLR-STN-SFO-Cut; & SH-SILTS: lt-dk-gy, sm micac.

Pred SH: dk-lt-gy.

{HOWARD} LS: tn-gy-cm, dn Mdst & mx-fnX- dn, Vpr-NVP.

LS: cm-gy-tn, mx-VfnX, sm fnly granil- Pkst w/ pr Visbl Por w/ NS; Abndt dn Mdst- Wkst w/ Vpr-NVP; NS.

SH: dk-lt-gy, & bk carb.

LS: tn-gy-bn, dn hd- Mdst-Wkst; Rr fos- Pkst, mx-fnX, sm V.argil; Vpr Por- NVP; NS.

SILTS: dk-lt-gy, micac, sm Sndy; & SH: gy, & gn-gy, sm micac.

LS: tn-gy-bn, dn- Mdst, argil- shly; NVP; NS.

SILTS-SH: lt-dk-gy, micac.

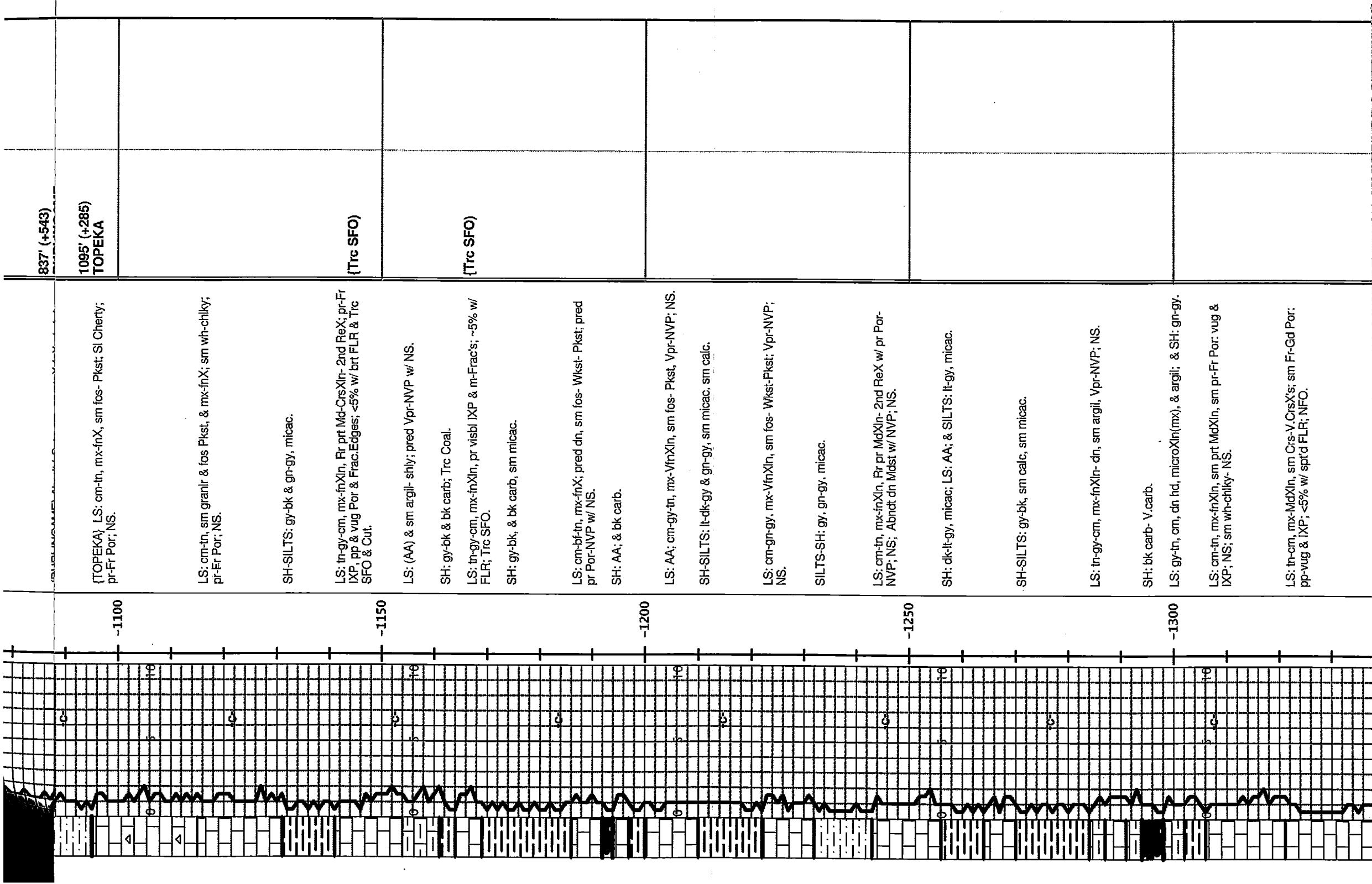
837' (+543)  
BURLINGAME

Trace Show Free Oil  
{Trc SFO}

926' (+454)  
WHITE CLOUD LS  
932' (+448)  
WHITE CLOUD Sd  
{<10% SH-Fr SFO}

979' (+401)  
HOWARD

{~30% w/ SISFO}



837' (+543)

1095' (+285)  
TOPEKA

{Trc SFO}

{Trc SFO}

{TOPEKA} LS: cm-tn, mx-fnX, sm fos- Pkst; Sl Cherty; pr-Fr Por; NS.

LS: cm-tn, sm granlr & fos Pksti, & mx-fnX; sm wh-chilky; pr-Fr Por; NS.

SH-SILTS: gy-bk & gn-gy, micac.

LS: tn-gy-cm, mx-fnXln, Rr prt Md-CrsXln-2nd ReX; pr-Fr IXP, pp & vug Por & Frac.Edges; <5% w/ brt FLR & Trc SFO & Cut.

LS: (AA) & sm argil- shly; pred Vpr-NVP w/ NS.

SH: gy-bk & bk carb; Trc Coal.

LS: tn-gy-cm, mx-fnXln, pr visbl IXP & m-Frac's; ~5% w/ FLR; Trc SFO.

SH: gy-bk, & bk carb, sm micac.

LS: cm-bf-tn, mx-fnX; pred dn, sm fos- Wkst- Pkst; pred pr Por-NVP w/ NS.

SH: AA; & bk carb.

LS: AA; cm-gy-tn, mx-VfnXln, sm fos- Pkst, Vpr-NVP; NS.

SH-SILTS: lt-dk-gy & gn-gy, sm micac, sm calc.

LS: cm-gn-gy, mx-VfnXln, sm fos- Wkst-Pkst; Vpr-NVP; NS.

SILTS-SH: gy, gn-gy, micac.

LS: cm-tn, mx-fnXln, Rr pr MdXln- 2nd ReX w/ pr Por-NVP; NS; Abndt dn Mdst w/ NVP; NS.

SH: dk-lt-gy, micac; LS: AA; & SILTS: lt-gy, micac.

SH-SILTS: gy-bk, sm calc, sm micac.

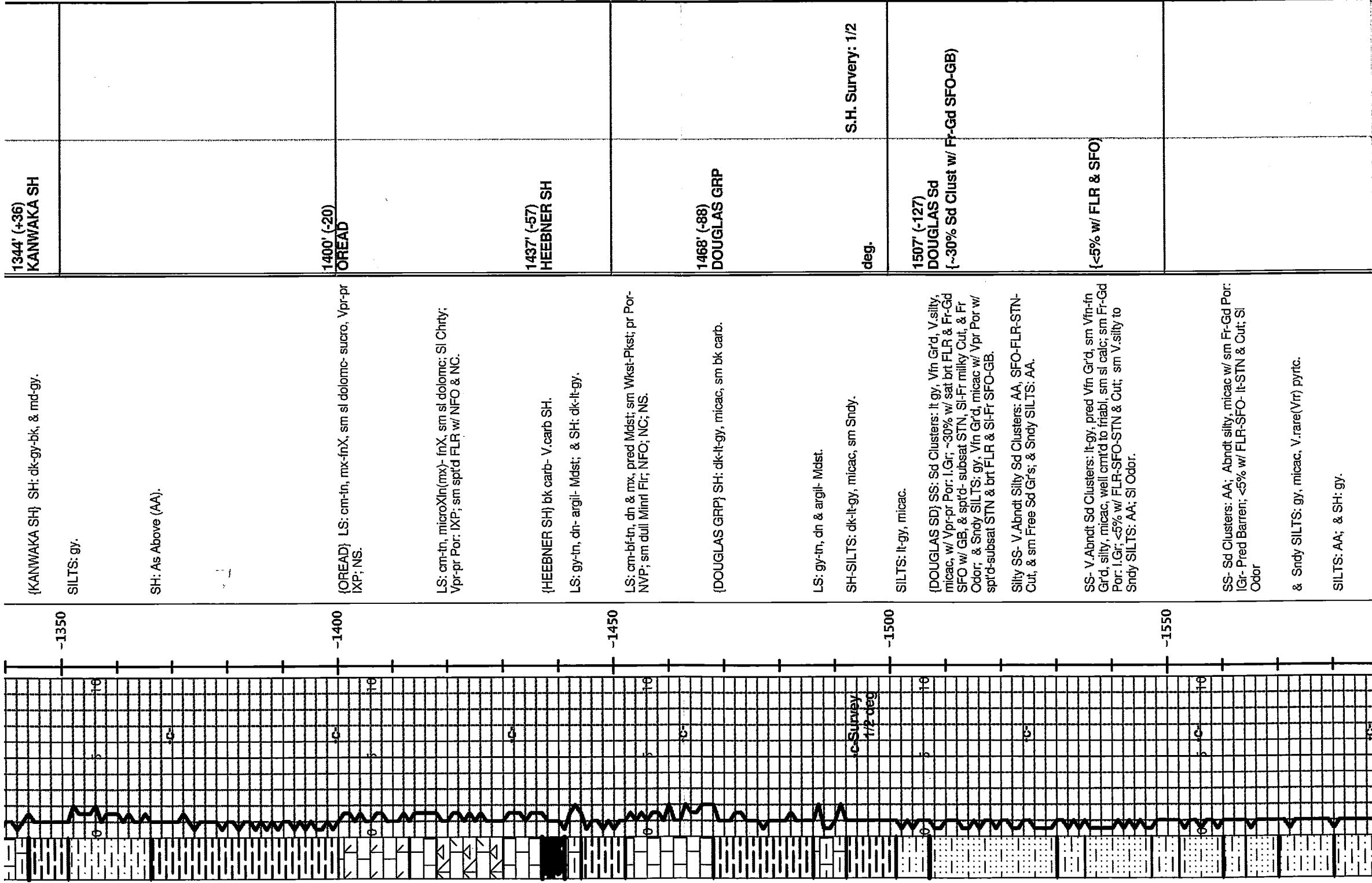
LS: tn-gy-cm, mx-fnXln- dn, sm argil, Vpr-NVP; NS.

SH: bk carb- V.carb.

LS: gy-tn, cm, dn hd, microXln(mx), & argil; & SH: gn-gy.

LS: cm-tn, mx-fnXln, sm prt MdXln, sm pr-Fr Por: vug & IXP; NS; sm wh-chilky- NS.

LS: tn-cm, mx-MdXln, sm Crs-V.CrsX's; sm Fr-Gd Por: pp-vug & IXP; <5% w/ spt'd FLR; NFO.



{KANWAKA SH} SH: dk-gy-bk, & md-gy.

SILTS: gy.

SH: As Above (AA).

{OREAD} LS: cm-tn, mx-fnX, sm sl dolome- sucro, Vpr-pr IXP; NS.

LS: cm-tn, microXln(mx)- fnX, sm sl dolome; Sl Chrt; Vpr-pr Por: IXP; sm spt'd FLR w/ NFO & NC.

{HEEBNER SH} bk carb- V.carb SH.

LS: gy-tn, dn- argill- Mdst; & SH: dk-lt-gy.

LS: cm-bf-tn, dn & mx, pred Mdst; sm Wkst-Pkst; pr Por- NVP; sm dull Mmrl Fir; NFO; NC; NS.

{DOUGLAS GRP} SH: dk-lt-gy, micac, sm bk carb.

LS: gy-tn, dn & argill- Mdst.

SH-SILTS: dk-lt-gy, micac, sm Sndy.

SILTS: lt-gy, micac.

{DOUGLAS SD} SS: Sd Clusters: lt gy, Vfn Gr'd, V.silty, micac, w/ Vpr-pr Por: l.Gr; ~30% w/ sat brt FLR & Fr-Gd SFO w/ GB, & spt'd- substat STN, Sl-Fr milky Cut, & Fr Odor; & Sndy SILTS: gy, Vfn Gr'd, micac w/ Vpr Por w/ spt'd-substat STN & brt FLR & Sl-Fr SFO-GB.

Silty SS- V.Abndt Silty Sd Clusters: AA, SFO-FLR-STN- Cut, & sm Free Sd Gr's; & Sndy SILTS: AA.

SS- V.Abndt Sd Clusters: lt-gy, pred Vfn Gr'd, sm Vfn-in Gr'd, silty, micac, well omd'd to friabl, sm sl calc; sm Fr-Gd Por: l.Gr; <5% w/ FLR-SFO-STN & Cut; sm V.silty to Sndy SILTS: AA; Sl Odor.

SS- Sd Clusters: AA; Abndt silty, micac w/ sm Fr-Gd Por: l.Gr- Pred Barren; <5% w/ FLR-SFO- lt-STN & Cut; Sl Odor

& Sndy SILTS: gy, micac, V.rate(Vrr) pyrtc.

SILTS: AA; & SH: gy.

1344' (+36)  
KANWAKA SH

1400' (-20)  
OREAD

1437' (-57)  
HEEBNER SH

1468' (-88)  
DOUGLAS GRP

S.H. Survey: 1/2  
deg.

1507' (-127)  
DOUGLAS Sd  
{~30% Sd Clust w/ Fr-Gd SFO-GB}

{<5% w/ FLR & SFO}

	1619' (-239) HASKELL		
	1717' (-337) LANSING		
	{~5% w/ SFO}		
	{~5% w/ VSISFO}		
	{Trc SFO}		

SH: dk-gy-bk, sm bk carb, sm gn-gy

{HASKELL} LS: cm-tn, mx-fnX, sm argil, sm sl sndy; pr Por- NVP; NS.

SH: lt-dk-gy- bk, & gn-gy.

SILTS: gn-gy; (sm Sd Clust: AA)

SILTS: gn-gy, calc.

LS: cm-tn, mx-fnXln, sm sl fos-Pkst-Wkst, sm prt moldc w/ pr-Fr Por & IXP; ~30% w/ spt'd-subsat FLR & lt-tn-STN-VSISFO & Cut, VSI Odor.

(LS: AA; sm w/ FLR-SFO-STN-Cut)

SH-SILTS: pred dk-gy-bk, sm gn-gy, sm bk carb; sm SILTS: gn-gy.

Pred SH: gy-bk, sm micac.

SH: As Above (AA).

{LANSING} LS: wh-tn, mx-fnX, Vrr MdX's, sm Pkst- Rr od, sm wh-chilky; Vpr-pr visbl Por; Very rate(Vrr) FLR; NFO; NC.

Abndt dn LS- Mdst-Wkst w/ Vpr-NVP & NS.

SH: gy-bk & gn-gy.

LS: gy-tn, dn Mdst-Wkst & mx-fnX, sm wh-chilky; Pred Vpr-NVP w/ NS.

LS: cm-tn, mx-fnXln, sm fos-Pkst, sm moldc Por & IXP- Fr Por; ~5% w/ subsat-sat FLR & STN & SISFO & Sl-Fr milky Cut; Sl Odor.

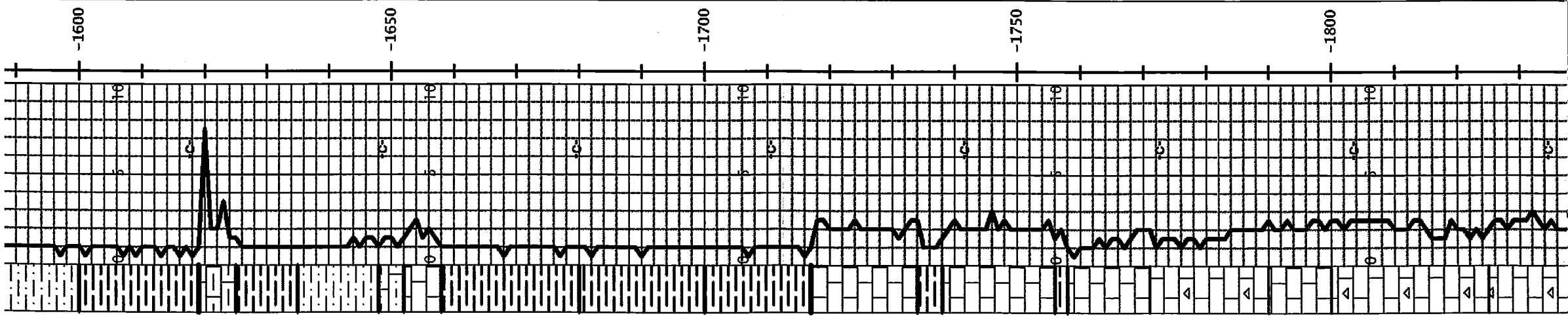
Abndt dn LS- Mdst.

LS: cm-tn, mx-fnXln, Vrr prt MdXln- 2nd ReX, sm fragmnt-Pkst; Sl Chrt; Vrr Fr-Gd Por; vug & Fr IXP; <5% w/ spt'd-sat FLR & tn-STN w/ Sl-Fr milky Cut, VSISFO; Sl Odor.

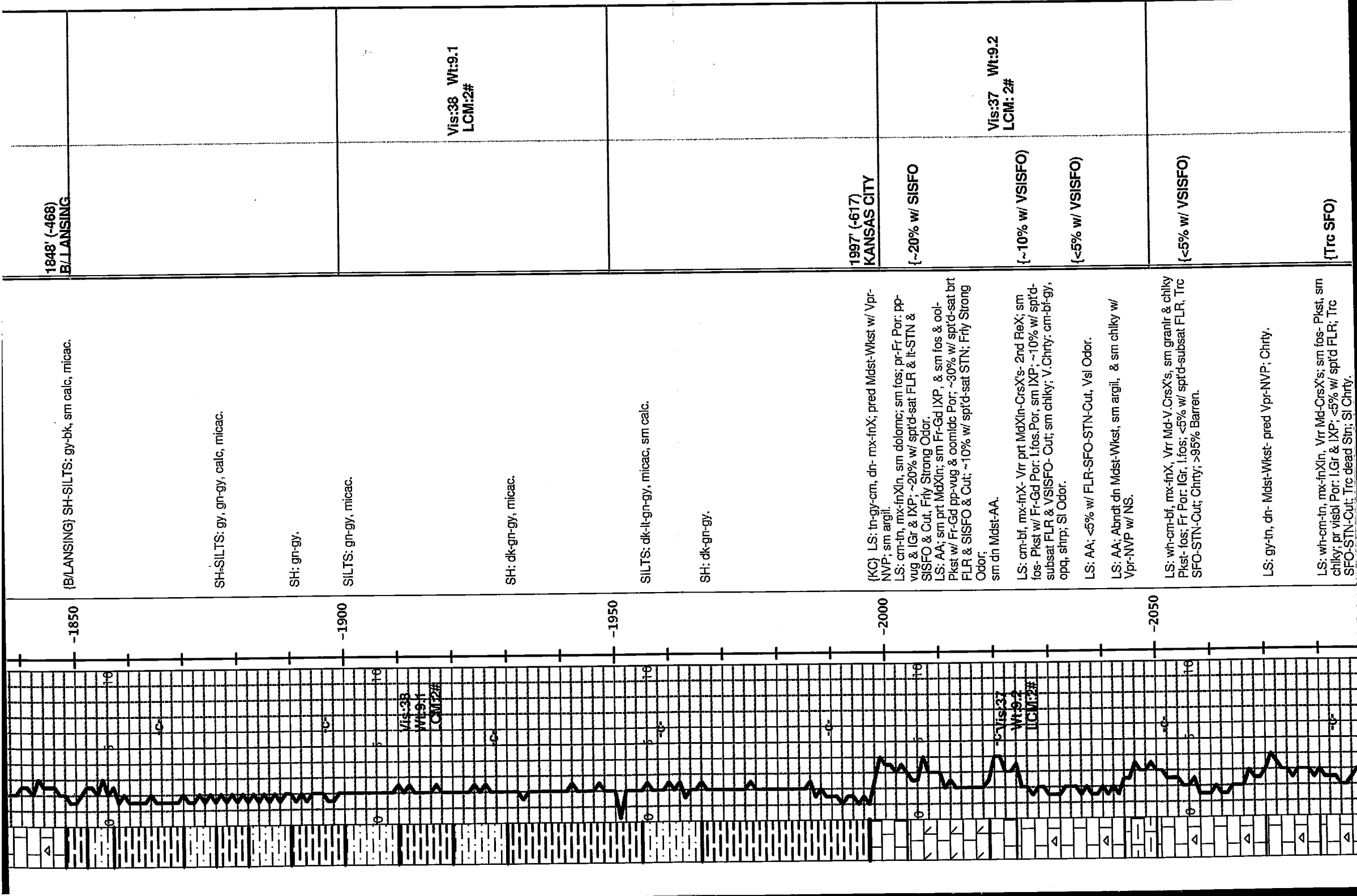
LS: tn-gy-wh, dn- mx-fnX; sm Mdst-Wkst & Rr Pkst; sm chilky; Pred Vpr-NVP w/ NS. (<1% LS: AA w/ FLR-STN-SFO-Cut, Vsl Odor).

LS: cm-tn, sm mot, mx-fnXln, sm fos- Pkst; sl Chrt; pr-Fr Por; pin point(pp) & IXP; <5% w/ FLR-STN & Trc SFO.

LS: gy-tn-wh, sm mot, mx-fnX- sm 2nd ReX- Vrr MdX's; pred dn, sm wh-chilky; sm finly granit-Pkst w/ pr-Fr Por w/ NS; Sl Chrt.







1848' (-468)  
B/LANSING

{B/LANSING} SH-SILTS: gy-bk, sm calc, micac.

SH-SILTS: gy, gn-gy, calc, micac.

SH: gn-gy.

SILTS: gn-gy, micac.

Vis:38 Wt:9.1  
LCM:2#

SH: dk-gn-gy, micac.

SILTS: dk-lt-gn-gy, micac, sm calc.

SH: dk-gn-gy.

1997' (-617)  
KANSAS CITY

{~20% w/ SISFO

Vis:37 Wt:9.2  
LCM: 2#

{~10% w/ VSISFO)

{<5% w/ VSISFO)

{<5% w/ VSISFO)

{Trc SFO)

{KG} LS: tn-gy-cm, dn- mx-fnX; pred MdSt-Wkst w/ Vpr-NVP; sm argil.  
LS: cm-tn, mx-fnXln, sm dolomc; sm fos; pr-Fr, Por: pp-vug & IGr & IXP; ~20% w/ sptd-sat FLR & lt-STN & SISFO & Cut, Fry Strong Odor.  
LS: AA; sm prt MdXln; sm Fr-Gd IXP, & sm fos & ool-Pkst w/ Fr-Gd pp-vug & oomldc Por; ~30% w/ sptd-sat brt FLR & SISFO & Cut; ~10% w/ sptd-sat STN; Fry Strong Odor;  
sm dn MdSt-AA.

LS: cm-bf, mx-fnX- Vrr prt MdXln-CrsX's- 2nd Rex; sm fos- Pkst w/ Fr-Gd Por: l.fos. Por, sm IXP; ~10% w/ sptd-subsat FLR & VSISFO- Cut; sm chiky; V.Chtry: cm-bf-gy, opq, shrp; SI Odor.

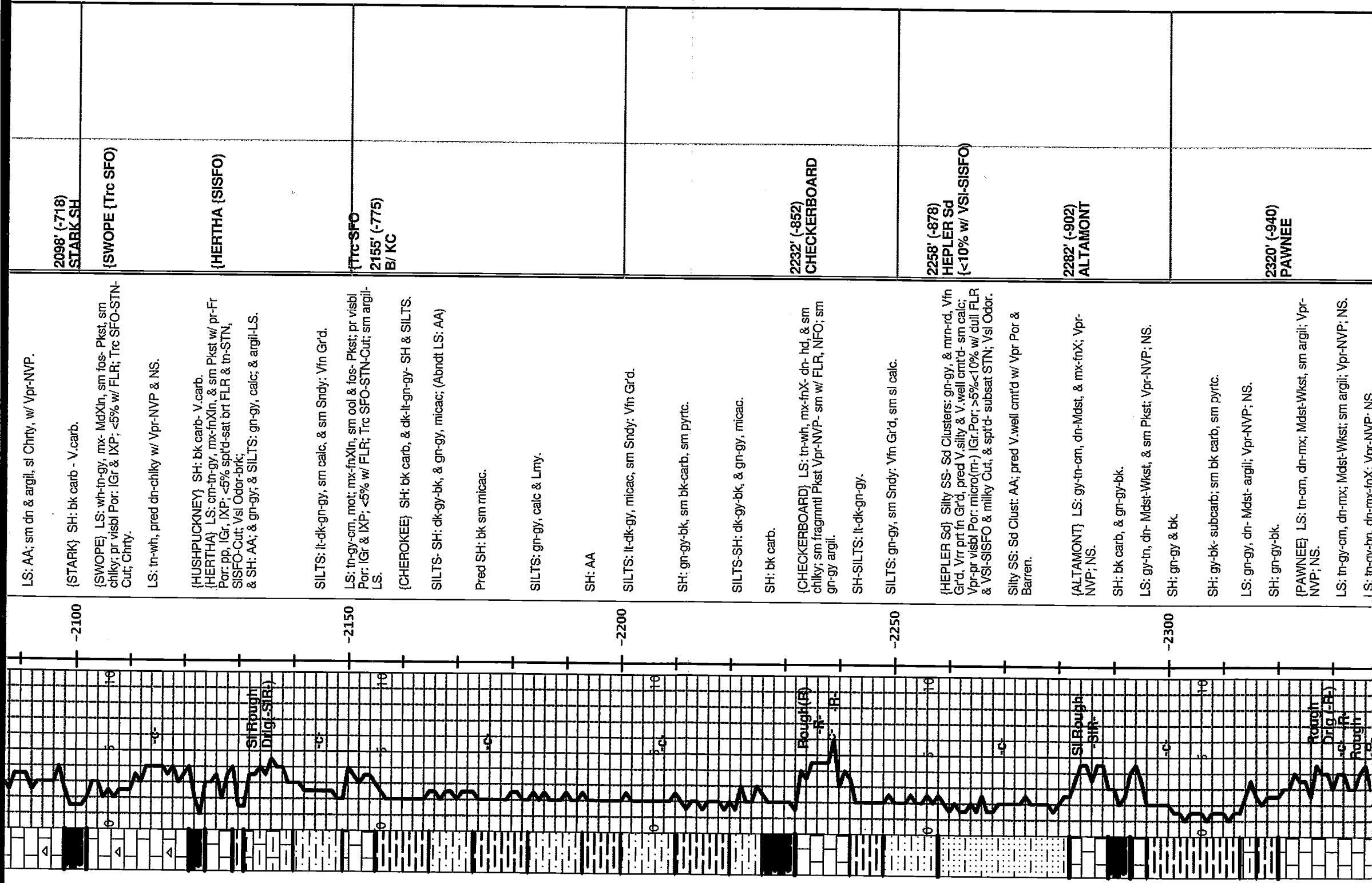
LS: AA; <5% w/ FLR-SFO-STN-Cut, Vsl Odor.

LS: AA; Abndt dn MdSt-Wkst, sm argil, & sm chiky w/ Vpr-NVP w/ NS.

LS: wh-cm-bf, mx-fnX, Vrr Md-V.CrsX's, sm granlr & chiky Pkst- fos; Fr Por: l.Gr, l.fos; <5% w/ sptd-subsat FLR, Trc SFO-STN-Cut; Chtry; >95% Barren.

LS: gy-tn, dn- MdSt-Wkst- pred Vpr-NVP; Chtry.

LS: wh-cm-tn, mx-fnXln, Vrr Md-CrsX's; sm fos- Pkst, sm chiky, pr visibl Por: l.Gr & IXP; <5% w/ sptd FLR; Trc SFO-STN-Cut; Trc dead Stn; SI Chtry.



LS: AA; sm dn & argil. sl Chrt'y, w/ Vpr-NVP.

{STAR} SH: bk carb - V.carb.

{SWOPE} LS: wh-tr-gy, mx-MdXln, sm fos- Pkst, sm chiky; pr visbl Por: lGr & lXP; <5% w/ FLR; Trc SFO-STN-Cut; Chrt'y.

LS: tn-wh, pred dn-chiky w/ Vpr-NVP & NS.

{HUSHPUCKNEY} SH: bk carb- V.carb.

{HERTHA} LS: cm-tr-gy, mx-fnXln, & sm Pkst w/ pr-Fr Por: pp, lGr, lXP; <5% spt'd-sat brt FLR & tn-STN, SISFO-Cut; Vsl Odor-brk;

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

SILTS: lt-dk-gn-gy, sm calc, & sm Sndy; Vfn Gr'd.

LS: tn-gy-cm, mot; mx-fnXln, sm ool & fos- Pkst; pr visbl Por: lGr & lXP; <5% w/ FLR; Trc SFO-STN-Cut; sm argil-LS.

{CHEROKEE} SH: bk carb, & dk-lt-gn-gy- SH & SILTS.

SILTS: SH: dk-gy-bk, & gn-gy, micac; (Abndt LS: AA)

Pred SH: bk sm micac.

SILTS: gn-gy, calc & Lmy.

SH: AA

SILTS: lt-dk-gy, micac, sm Sndy; Vfn Gr'd.

SH: gn-gy-bk, sm bk-carb, sm pyrct.

SILTS-SH: dk-gy-bk, & gn-gy, micac.

SH: bk carb.

{CHECKERBOARD} LS: tn-wh, mx-fnX- dn- hd, & sm chiky; sm fragmntl Pkst Vpr-NVP- sm w/ FLR, NFO; sm gn-gy argil.

SH-SILTS: lt-dk-gn-gy.

SILTS: gn-gy, sm Sndy; Vfn Gr'd, sm sl calc.

{HEPLER Sd} Silty SS- Sd Clusters: gn-gy, & mnn-rd, Vfn Gr'd, Vtr prt fn Gr'd, pred V. silty & V. well cmt'd- sm calc; Vpr-pr visbl Por: micro(m-) lGr; Por; >5%<10% w/ dull FLR & VSI-SISFO & milky Cut, & spt'd- subsat STN; Vsl Odor.

Silty SS: Sd Clust: AA; pred V. well cmt'd w/ Vpr Por & Barrer.

{ALMONT} LS: gy-tn-cm, dn-Mdst, & mx-fnX; Vpr-NVP; NS.

SH: bk carb, & gn-gy-bk.

LS: gy-tn, dn- Mdst-Wkst, & sm Pkst; Vpr-NVP; NS.

SH: gn-gy & bk.

SH: gy-bk- subcarb; sm bk carb, sm pyrct.

LS: gn-gy, dn- Mdst- argil; Vpr-NVP; NS.

SH: gn-gy-bk.

{PAWNEE} LS: tn-cm, dn-mx; Mdst-Wkst, sm argil; Vpr-NVP; NS.

LS: tn-gy-cm, dn-mx; Mdst-Wkst; sm argil; Vpr-NVP; NS.

LS: tn-gv-hn, dn-mx-fnX; Vpr-NVP; NS.

2098' (-718)  
STARK SH

{SWOPE (Trc SFO)

{HERTHA (SISFO)

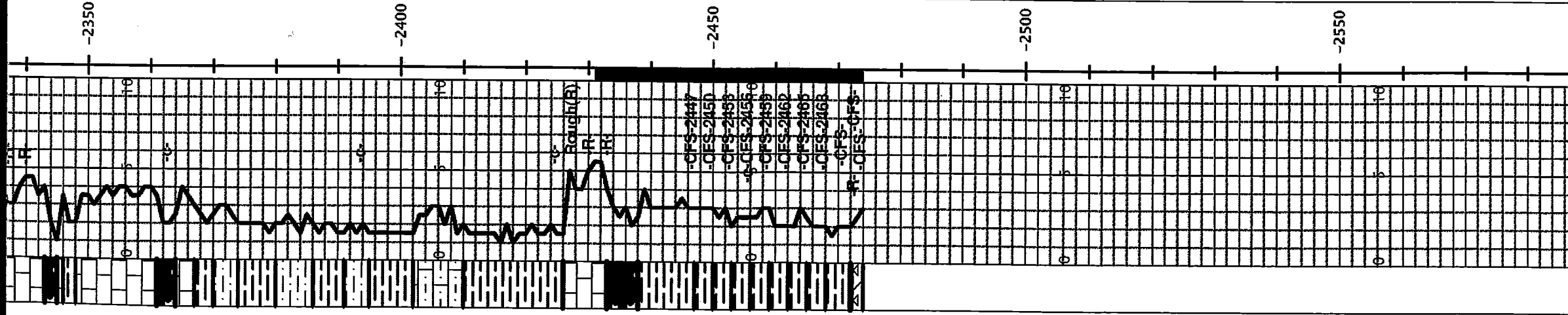
{Trc-SFO  
2155' (-775)  
B/ KC

2232' (-852)  
CHECKERBOARD

2258' (-878)  
HEPLER Sd  
{<10% w/ VSI-SISFO}

2282' (-902)  
ALMONT

2320' (-940)  
PAWNEE



SH: bk carb- V.carb; & gn-gy.

LS: tn-gy-bn & cm, sm mot; mx- Fr frX's; sm Wkst- Pkst; sm wh-chilky; Vpr-NVP; NS.

{CHEROKEE} SH: bk carb- V.carb.

LS: tn-gy-cm, dn MdSt-Wkst; Vpr-NVP; NS.

SH: lt-dk-gn-gy; sm bk carb-V.carb-AA; (Abndt LS: AA).

SH-SILTS: lt-dk-gn-gy, micac.

SILTS-SH: AA.

SILTS-SH: lt-dk-gy & gn-gy, sm micac.

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

LS: tn-gy, dn- MdSt- sm argil; Vpr-NVP; NS.

SH: dk-gy-bk, micac, sm bk carb; sm gn-gy.

{ARDMORE} LS: tn-cm & gy-bn, pred dn- MdSt, & mx-frX; Vpr-NVP; NS; sm argil, Vrr shly.

SH: bk subcarb to carb, & dk-gy- micac; sm Turq-gn & aqua- semi-waxy SH; (Ffly Abndt LS: AA).

2447{circ.spis} SH: AA; incrs Turq-gn, waxy.

2450{circ.spis} SH: mm-rd & gn-gy, Vari-Color'd(VG).

2453{circ.spis} SH: VC-gy-bk, gn-gy, mm-rd.

2456{circ.spis} SH: AA; pred gn-gy; Trc Chrt: tn-gy-bn, shrp.

2459{circ.spis} SH: AA; Trc Chert: AA.

2462{circ.spis} SH: gy-bn, bk subcarb, sm Pyrtc & Phos.

2465{circ.spis} SH: dk-gy-bn, Pyrtc, sm bk carb, sm Phos.

2468 & 71 {circ.spis} SH: dk-gy-bn, sm Phos; sm bk subcarb-carb, sm Pyrtc.

{2473' 15min.circ.spis} Pred SH: AA; <5% VIOLA ~50% DOLO: rich-tn-STN & bf-cm, microXln(mx)-VfnXln, micro(m)-sucro, sm silic; w/ Fr-Gd Por: pp-vug, IXP- Pred sat w/ brt FLR & tn-STN, & Good Show Free Oil & Gas Bubbles(GdSFO-GB) & Fr-Gd Cut; & ~50% CHERT: cm-gy & tn-STN, pred sharp- fresh to sl Withrd, sm Withrd & dolomc w/ pp-vug Por & m-IXP w/ spt'd-sat brt FLR & spt'd STN & SFO-GB & Cut; Fily Strong Odor.

{2473' 30min.circ.spis} 25%-30% VIOLA: ~70% CHERT: cm-bf-gy, w/ tn-STN, pred shrp-frsh- sl Withrd w/ sm Frac.Edges & aprnt Frac & Withrd Edges & m-IXP (sm dolomc) brt FLR & spt'd STN & SFO-GB & Cut; ~30% DOLO: rich tn-STN, & bf-cm, mx-VfnXln, silic & Chrt, m-sucro w/ Fr-Gd Por: pp-vug, & IXP w/ subsat-sat brt FLR & tn- Oil STN, Fr-GdSFO-GB & Cut; Strong Odor. (2473' 45min.spis:AA).

{2474' 15min.spis} ~30% VIOLA: ~70% CHERT: cm-bf-gy, w/ tn-STN, pred shrp-frsh- sl Withrd w/ sm Frac.Edges & Withrd- dolomc w/ Withrd & Frac Edges w/ FLR & STN w/ SFO-GB & Cut; & ~30% DOLO: bf- tn-STN, mx-fnXln, sm silic & Chrt, m-sucro; Fr- Rr Gd Por: pp-vug, IXP- pred sat brt FLR & rich tn STN w/ Fr-GdSFO&GB & Fr-Gd Cut; Strong Odor.

{2474' 30min.spis} ~75%VIOLA: ~60%CHERT: cm-gy-bf, semiWithrd-granir- sm dolomc- pred spt'd-subsat FLR- SFO-GB & Cut & spt'd STN; & ~40% DOLO: cm-bf w/ tn-STN, mx-VfnXln, m-sucro, Chrt, sm silic; Fr- Rr Gd visbl Por: pp-vug & IXP w/ subsat-sat lt-tn-STN & brt FLR & Fr-GdSFO-GB & Fr-Gd Cut; Strong Odor.

{2474' 45min.spis} Viola-Chert & Dolo: AA; incrs SH cavings.

DST#1 (VIOLA)  
2431'-----2474'  
30-45-45-60 min  
IF: Wk blow, incrs  
to BOB in 11 min.  
ISI: No Blow Back  
FF: Wk blow, incrs  
to BOB in 14 min.  
FSI: NBB  
Rec: 75' CGOIl  
(39 Gravity)  
100' GHOCM  
(4%G;29%O;67%M)  
430' GW&HOCM  
(5%G; 34%O;  
10%W; 51%M)

605' Total Fluid  
Tool Spl: 43%Oil  
8%Water, 49%M  
(Cl of DST Water:  
6000 ppm)  
(Mud system Cl:  
1000 ppm)  
IHP: 1202  
IFP: 27-128  
ISIP: 610  
FFP: 130-200  
FSIP: 610  
Temp:100deg.F

MdWt:9.5 Vls:53  
WL:9.4 LCM:2&1/2

2426' (-1046)  
ARDMORE

(Vis:47 Wt:9.3  
LCM: 2&1/2 #)

2472' (-1092)  
VIOLA(GdSFO)  
RTD:2474'(-1094)

VESS OIL CORPORATION  
WILSON "A" # 442  
1320' FSL & 2640' FWL  
SEC: 9-25S-05E  
EL DORADO FIELD  
BUTLER CNTY., KS



**RICKETTS TESTING**

(620) 326-5830

Page 1

Company Vess Oil Corp.  
 Address 1700 Waterfront Prkwy Bldg 500  
 CSZ Wichita, KS 67206  
 Attn. Roger Martin

Lease Name Wilson A  
 Lease # 442  
 Legal Desc C S/2 S/2  
 Section 9  
 Township 25s  
 County Butler  
 Drilling Cont C & G Drilling #1

Job Ticket 3420  
 Range 5E  
 State KS

Comments Field: El Dorado

**GENERAL INFORMATION**

Test # 1 Test Date 4/1/2011  
 Tester Jimmy Ricketts  
 Test Type Conventional Bottom Hole  
 Successful Test

# of Packers 2.0 Packer Size 6 3/4

Mud Type Gel Chem  
 Mud Weight 9.5 Viscosity 53.0  
 Filtrate 9.4 Chlorides 1000

Drill Collar Len 181.0  
 Wght Pipe Len 0

Formation Viola  
 Interval Top 2431.0 Bottom 2474.0  
 Anchor Len Below 43.0 Between 0  
 Total Depth 2474.0

Blow Type Weak blow building to strong blow 11 minutes into initial flow period.  
 Weak blow building to strong blow 14 minutes into final flow period.  
 Times: 30, 45, 45, 60. API gravity was 39.

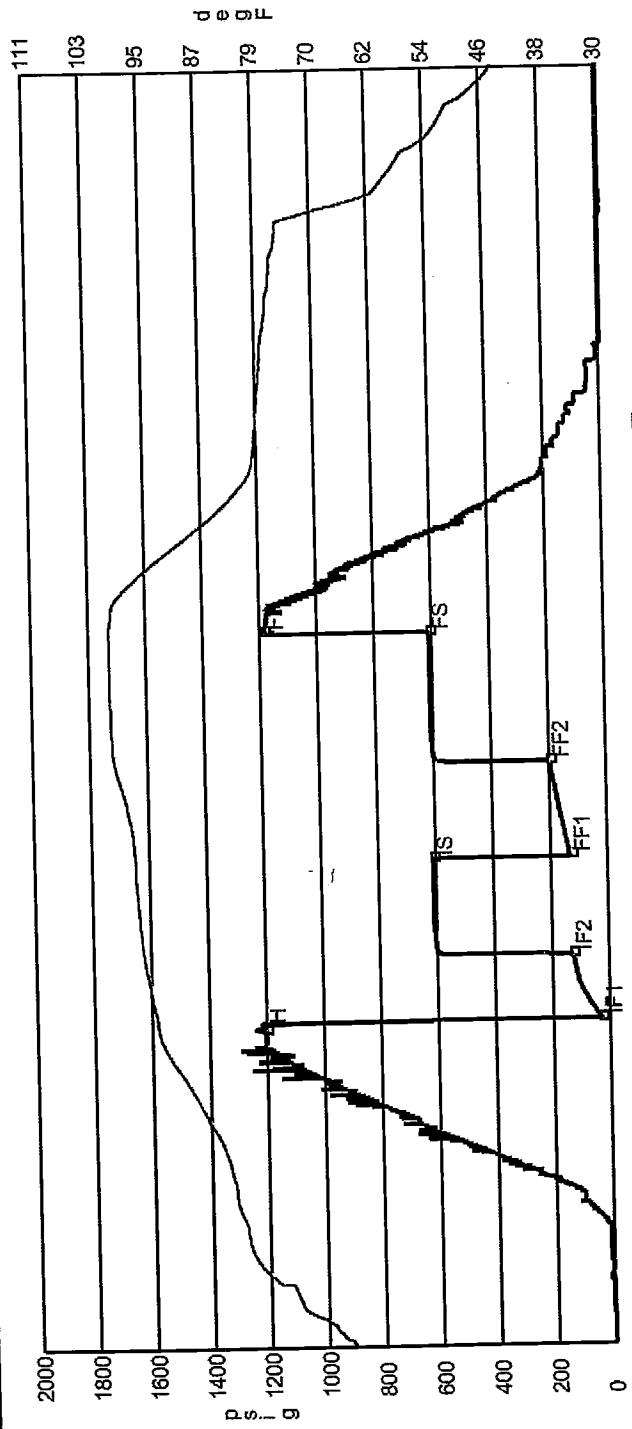
Chokes 3/4 Hole Size 7 7/8  
 Top Recorder # 11027  
 Mid Recorder #  
 Bott Recorder #w1023  
 Mileage 124 Approved By  
 Standby Time 0  
 Extra Equipmnt Jars & Safety Joint  
 Time on Site 11:00 AM  
 Tool Picked Up 2:00 PM  
 Tool Layed Dwn 10:30 PM  
 Elevation 1374.0 Kelley Bushings 1380.00

Start Date/Time 4/1/2011 1:56 PM  
 End Date/Time 4/1/2011 11:46 PM

**RECOVERY**

Feet	Description	Gas	Oil	Water	Mud
75	Clean oil	0% 0ft	100% 75ft	0% 0ft	0% 0ft
100	Gassy heavy oil cut mud	4% 4ft	29% 29ft	0% 0ft	67% 67ft
430	Gassy water and heavy oil cut mud	5% 21.5ft	34% 146.2ft	10% 43ft	51% 219.3ft
1	Water and heavy oil cut mud in tool sample	0% 0ft	43% 0.4ft	8% 0.1ft	49% 0.5ft

DST Fluids 6000



Date	Time	Pressure	Temp
IH	4/1/2011 4:20:10 PM	1201.55	93.767
IF1	4/1/2011 4:24:10 PM	26.827	93.915
IF2	4/1/2011 4:54:00 PM	128.038	95.648
IS	4/1/2011 5:39:00 PM	609.665	96.863
FF1	4/1/2011 5:39:40 PM	130.264	96.812
FF2	4/1/2011 5:39:40 PM	199.732	99.373
FS	4/1/2011 6:23:40 PM	609.654	99.961
FH	4/1/2011 7:25:10 PM	1186.452	100.041
			Initial Hydro-static
			Initial Flow (1)
			Initial Flow (2)
			Initial Shut-In
			Final Flow (1)
			Final Flow (2)
			Final Shut-In
			Final Hydro-static

**GAS FLOWS**

Min Into IFP          Min Into FFP          Gas Flows          Pressure          Choke