ROGER L. MARTIN

INDEPENDENT PETROLEUM GEOLOGIST 316-250-6970

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY VESS OIL CORPORATION

LEASE BARNHILL 'A' #34

FIELD EL DORADO

LOCATION 330' FSL & 1850' FWL

SECTION 6 TOWNSHIP 26S RANGE 05E

COUNTY BUTLER STATE KANSAS

ELEVATIONS

KB 1385' GL 1379'

Measurements Are All From KB

API 15-015-24058-0000

CONTRACTOR C&G Drilling, Rig #1

SPUD 10/02/2015 COMP 10/08/2015

RTD 2480' (-1095) LTD NA

ELECTRICAL SURVEYS

No open hole E-logs

3 DST's by DIAMOND TESTING, LLC.

CASING

SURFACE 8-5/8" set @ 263'KB w/150 sx Class A, 3% cc.

PRODUCTION NA- P&A

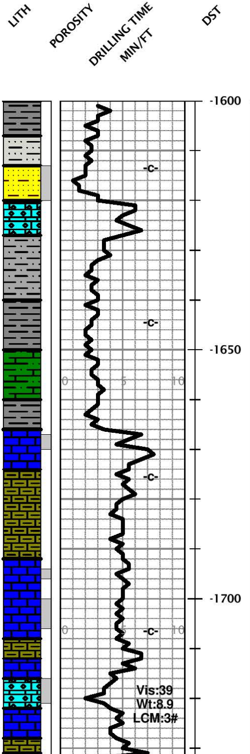
FORMATION TOPS	LOG	SAMPLES	CHRONOLOGY
			09/29/2015- MIRU, 8-5/8" delivered. Frac and water tank filled.
Iatan		1620' (-235)	
Brown Lime		1666' (-281)	10/02/2015- SPUD @ 9:00 AM, Set 8-5/8" csg @ 263' w/150 sx Class A, 3% cc. Plug down @ 3:10 PM. Cement did circ. Drilll under surface @ 11:10 PM. Survey @ 263'= 1/8.
Lansing		1692' (-307)	
Base Lansing		1825' (-440)	
			10/03/2015- Drlg @ 1211', Lost circ @ 1520', got circ back ok. Bit trip @ 1600, Mud up. Start samples; Survey @ 869= 1/4, Survey @ 1600= 1/4.
Kansas City		1973' (-588)	
Stark		2077' (-692)	
			10/04/2015- Drlg @ 1820', MW 9.0, VIS 42, WL 10.6, LCM 4#.
Base Kansas City		2136' (-751)	
Checkerboard		2206' (-821)	10/05/2015- Drlg @ 2182', MW 9.0, VIS 40, LCM 4#. Survey @ 2110'= 1/2.
Cherokee		2332' (-947)	
			10/06/2015- Circ @ 2460', 8:30 AM short trip for DST #1: 2397'-2460'. MW 9.3, VIS 52, LCM 4#, Pull DST & drill deeper for DST #2.
Ardmore		2394' (-1009)	
Eros Arbuckle Chert		2411' (-1026)	
			10/07/2015- 2470', Pull DST #2. Drill 10-15' more to find better interval, DST #3.
Arbuckle Dolo		2433' (-1048)	
RTD		2480' (-1095)	10/08/2015- 2480' TD. Plugging completed @ 3 AM. Rig down, moving off hole.

REMARKS:

The decision was made to P&A the VOC Barnhill 'A' #34 due to negative drill stem test recoveries, sample analysis and negative structural position. No open hole E-logs were run.

Plugging job: 2463': 35 sx, 300': 35 sx w/1% cc, 60'-0': 25 sx w/1% cc, Rathole: 30 sx w/1% cc. All cement is 60/40 Pozmix, 4% gel.

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



SAMPLE DESCRIPTION

1610'&20'spls} SH: bk subcarb-carb, & gn-gy, sm micac.

1630'spl} SILTS: gy, sm Sndy;
& SS: Sd Clusters: gy, w/ V.rare(Vrr) bf-tn-STN, Vfn Gr'd, silty, subfriabl, w/ pr-Fr Poro; Vrr <5% Sd Clust w/ sat FLR & STN, & SlSFO & Sl milky Cut, Vsl Odor.
{Iatan} LS: tn-wh, Vrr Sndy: Vfn-fn Gr'd, microXln(mx) prt fnXln(fnX), sm chlky; Vpr-pr visbl Poro; <1% w/ FLR & Trc SFO & VSl Cut, >99%Barren; & sm dn- Mudstone(Mdst).

1640'spl} SH: gy-bk; & SILTS: gy, sm micac & calc.

1650'&60'spls} SH: AA; pred gy-bk; sm bk carb;

sm SILTS: gy, sm Sndy & calc.

1670'spl} SH: AA; Incrs bk carb.

{Brown Lime (LN?) 1680'&90'spls} LS: cm-tn-gy, mx-fnXln, Rare(Rr) prt MdXln-CrsXln- 2nd ReX; sm pr-Fr Poro: InterXlnPoro(IXP), pin point (pp) & vug Porosity(Poro) >5%<10% w/ spt'd-sat brt FLR & lt-tn-O.STN, & VSlSFO & milky Cut, Sl Odor.

1690'&1700'spls} LS:AA; Sl incrs in prt MdXln-CrsXln-2nd ReX; Rr FLR-STN-SFO & Cut AA; & LS: Mdst: gy, argil; & SH: gy & gn & bk.

1710'&1720'spls} LANSING} LS: gy-tn-wh, sm dn Mdst, sm argil, sm mot- Wkst, & mx- prt fnXln, Vrr prt MdX-CrsX; sm wh-chlky; Rr Pkst & Xln LS w/ pr-Fr Inter-Granlr(IGr) & IXP; ~5% w/ spt'd-sat brt FLR & lt-tn O.STN & VSlSFO & VSl milky Cut, VSl Odor.
Some(sm) argil & dn LS- Mdst- Wkst w/ Vpr Poro to No Visbl Poro(NVP).

1730'&40'spls} LS: tn-gy-wh, mot, mx-fnXln- sm 2nd ReX; sm Wkst-Pkst- fn ool & fos; prt chlky; sm pr-Fr Poro: IGr & IXP; <5% w/ FLR & Trc SFO & O.STN & Vpr Cut, >95% Barren; abndt dn to Vpr-NVP.

REMARKS

SHS @ 1600'= 1/4 deg
****BIT TRIP**MUD UP****
****10' SAMPLES****

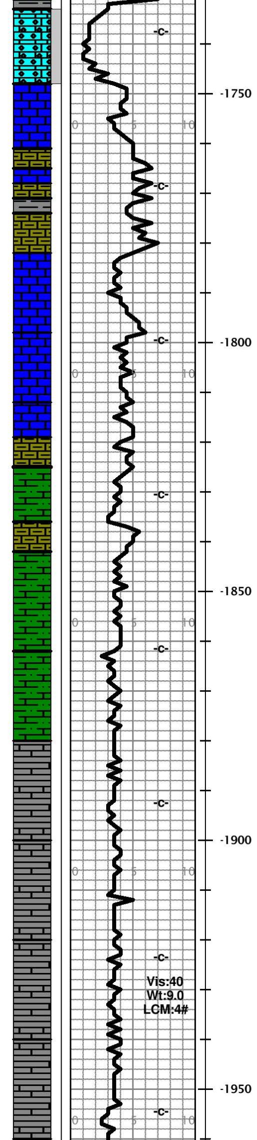
{Slight Show Free Oil {SlSFO)

1620' (-235)
IATAN {Trc SFO)

1666' (-281)
BROWN LIME
{Very Slight Show Free Oil {VSlSFO)

1692' (-307)
LANSING
{~5%VSlSFO)

{Trace Show Free Oil (Trc SFO)



1750'&60'spls} LS: cm-tn-wh, mot; Pkst- fos & fn ool, & sm Grst; prt chlky; sm Fr--VGd Poro: IGr, I.fos, & vug Poro w/ No Show (NS), No Cut (NC), No Odor (NO).

1770'spl} LS: tn-gy-wh, sm Pkst & chlky LS w/ Vpr-pr Poro w/ NS; pred dn to Vpr-NVP w/ NS.

1780'spl} Incrs SH: bk carb & subcarb & gy; & LS: gy, argil- Mdst & Wkst w/ Vpr-NVP w/ NS.

1790'spl} LS: tn-gy-wh, Wkst, sm fos Pkst; prt chlky; pr visbl Poro - NVP; NS.

1800'spl} LS: wh-tn-gy, prt chlky, sm Pkst & mx-fnX; pr-Vpr visbl Poro: IGr & IXP w/ NS.

1810'spl} LS: wh-gy-tn- mot; prt chlky; Wkst-Pkst w/ pr visbl Poro- NVP w/ NS; sm dn Mdst.

1820'spl} LS: AA; incrs wh-chlky, sm dn Mdst; Vpr-NVP; NS.

1830'&40'spls} LS: tn-gy-wh- pred mot- Wkst & sm Pkst w/ Vpr-NVP w/ NS; sm argil- shly; NS.

{B/LN/ Bonner Sprgs.SH} 1840'&50'spls} SH & SILTS: gy-bk & gn-gy, sm calc & Lmy.

1850'&60'spls} LS: gy, argil Mdst-Wkst, & Pkst w/ Vpr-NVP w/ NS.

1860'spl} SH-SILTS: gy, micac & calc
(20'spls from 1860')

1880'spl} SH-SILTS: dk-md-gy, sm calc, sm micac.

1900'spl} SH: md-dk-gy, sm calc.

1920'spl} SH: dk-gy-bk, & md-gy, sm calc & sl pyrtc.

1940'spl} SH: AA; pred dk-gy, Vrr pyrtc.

1960'spl} SH:AA;

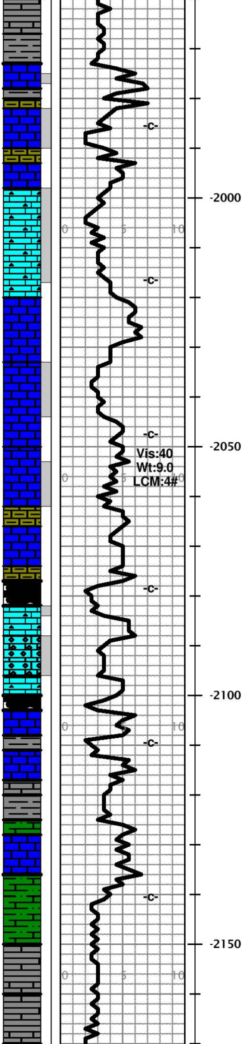
(10'spls from 1960')

1970'spl} SH: AA; pred dk-gy, sm sl pyrtc.

{No Show {NS)

1825' (-440)
BASE LANSING

FUD MUD report
10/04/15@10:00am
Drlg@1862'
Wt: 9.0 Vis: 46
PV: 28 YP: 20
pH: 9.0 WL: 10.6
CT: 2/32" Alk 0.2
Cl:1400ppm Ca:80
Solids: 2.0%
LCM: 4#/bbl
ECD: 9.43#/gal



1980'spl}SH:AA; Rr bk carb. Vrr KC LS: as below;

1990'spl} KC} LS: gy-tn-wh, sm mot- Wkst-Pkst, mx-fnX; pr-Fr Poro: pp-vug, & IXP & IGr.Poro; >10%<20% w/ spt'd-subsat FLR & O.STN & SlSFO & Sl Odor.

2000'spl} LS: cm-bf w/ tn O.STN; mx-fnXln, w/ Vrr MdX-CrsX- 2nd ReX; & Wkst-Pkst; sm chlky Pkst; Fr Visbl Poro: IXP, IGr, pp- vug Poro; >20%<30% w/ sptd to sat FLR & lt-tn O.STN, Sl-Fr SFO & Cut, Fr Odor.

2010'&20'spls} LS: wh-gy-tn, pred dn to pr visbl Poro; sm chlky, sm fos- Wkst- Pkst w/ pr Visbl IGr.Poro; Trc Fr Visbl Poro; Vrr (~5%) w/ FLR & O.STN & SlSFO & Cut; Cherty: cm-gy, opq, sm sharp.

2030'&40'spls} (Trc LS:AA w/ Poro w/ FLR-STN-SFO-Cut AA) Pred LS: cm-bf-tn, pred dn- mx-fnX; w/ Vpr-NVP w/ pred NS.

2050'&60'spls} LS: tn-gy-wh, sm mot- Wkst-Pkst; prt chlky; sm fnX-MdX- 2nd ReX; pr-Fr Poro: pp & IGr.Poro; Trc FLR-SFO-STN-Cut, ~99%Barren;

Abndt dn to chlky LS w/ Vpr-NVP w/ NS.

2070'spl} LS: cm-tn-gy, mx- MdX- Rr 2nd ReX; sm pr-Fr Poro: IGr & IXP; <5% w/ FLR & O.STN & Trc SFO & Cut;

sm SH: bk carb, & gy.

2080'spl} LS: gy-tn-wh, Rr ool & fos Pkst w/ pr Poro; Trc FLR-SFO-STN & Cut; sm argil dn.

2090'spl} Stark SH: bk carb & V.carb & Abndt dk-gy-SH.

2100'spl} LS: cm-tn-gy, sm ool & fos Pkst w/ pr-Fr Poro: IGr; & mx-fnXln w/ pr IXP; & sm wh-chlky LS w/ pr visbl Poro; <5% w/ spt'd FLR & lt STN & Trc SFO & Cut; >99%Barren; Sl Cherty.

2110'spl} Hush. SH: bk carb.

2120'spl} LS: tn-wh, pred dn- mx-fnX; sm chlky; pred Vpr-NVP; Vrr Pkst w/ pr IGr.Poro w/ FLR & Trc SFO-STN-Cut; & SH: gy-bk.

2130'&40'spls} LS: tn-gy-wh, Vrr Pkst & mx-fnXln w/ pr Poro: IGr, pp, & IXP; <5% w/ FLR & O.STN & Trc SFO & Cut; & SH-SILTS: gy-bk, & gn-gy, sm calc & sm Sndy Silts.

2150'spl} LS: tn-wh, mx-fnX, & sm Pkst; Vpr-pr IXP & IGr.Poro; Trc SFO-FLR-STN-Cut; >95%Barren.

{B/KC} 2160'spl} SH-SILTS: gy-bk, sm calc, & sm pyrtc.

2170'spl} SH: AA; incrs pyrtc.

2180'spl} Abndt LS:AA; LS: cm-tn-gy, pred dn to chlky; Vrr pr Poro: AA; Trc SFO-FLR-STN: AA.

1973' (-588)
KANSAS CITY
{~15% SlSFO)

{Slight to Fair Show Free Oil {Sl-Fr SFO) in~25%

{SlSFO in~5%)

{Trc SFO)

{Trc SFO)

2077' (-692)
STARK

{Trc SFO)

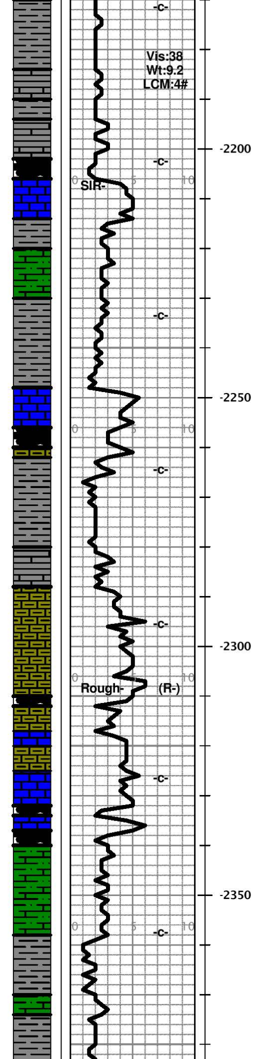
{Trc SFO)

SHS@2110'=1/2 deg

{Trc SFO)

{Trc SFO)

2136' (-751)
BASE KANSAS CITY



2190'&2200'spls} (>99%SH) Abndt bk carb & subcarb SH.

2210'spl} SH: gy-bk & gn-gy, sm pyrtc, sm bk carb-V.carb, & sm calc- Lmy SH.

2220'&30'spls} Checkerboard LS: gy-tn-cm-mot; abndt Wkst-Pkst w/ Vpr-NVP; NS.

2230'spl.cont'd} SH-SILTS: gn-gy, sm calc.

2240'spl} SH: gn-gy, & sm SILTS: AA.

2250'spl} SH: AA; gn-gy, sm bk.

2260'&70'spls} Altamont LS: gy-tn-cm, dn Mdst & sm Wkst-Pkst w/ Vpr-NVP; NS;

& SH: bk carb & V.carb;
& LS: dn & argil Mdst.

2280'spl} SH: dk-gy-bk, sm carb.

2290'spl} SH: dk-gy-bk, sm bk carb.

2300'spl} SH: AA; sm calc & Lmy.

2310'spl} Pawnee LS: tn-gy-bn, pred dn Mdst & Wkst sm argil; Vpr-NVP; NS.

2320'spl} LS: dk-lt-gy-bn, & tn-wh, sm mot; Mdst-Wkst, sm argil-shly; Vpr-NVP; NS.

2330'spl} SH: bk carb- V.carb, sm Lmy & calc SH.

2330'&40'spls} LS: gy-wh, & tn, sm mot; Mdst-Wkst, sm argil; Vpr-NVP; NS.

2340'spl} LS: tn-gy-wh, mot; Pkst-Wkst w/ pr-NVP; NS.

2340'&50'spls} Cherokee SH: bk V.carb;
& LS: tn, dn- mx; & Mdst.

2360'spl} SH & SILTS: gn-gy & bk, sm calc, sm micac, sm pyrtc, sm Sndy.

2370'spl} SILTS: lt-gy, gn-gy, calc; & SH: AA.

2380'spl} incrs SH: gy-bk, & bk carb & subcarb.

2390'spl} SILTS: gy, calc, micac;
& SH: bk subcarb- carb, & dk-gy.

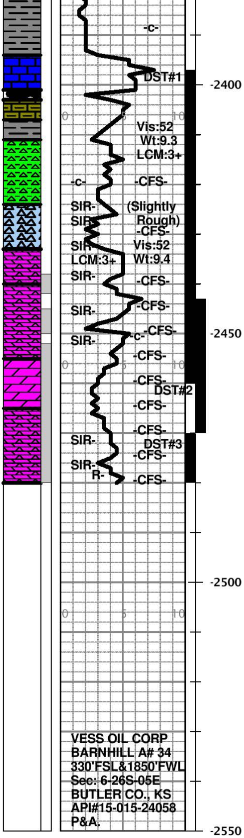
2206' (-821)
CHECKERBOARD

FUD MUD report
10/05/15@8:45am
Drlg@2217'
Wt: 9.1 Vis: 50
PV: 32 YP: 22
pH: 9.5 WL: 8.2
CT: 2/32" Alk 0.3
Cl:1100ppm Ca:40
Solids: 1.0%
LCM: 4#/bbl
ECD: 9.57#/gal

2332' (-947)
CHEROKEE

FUD MUD report
10/06/15@8:30am
Short trip@2460'
Wt: 9.3 Vis: 52
PV: 32 YP: 24
pH: 9.5 WL: 7.6
CT: 2/32" Alk:0.2
Cl:1000ppm Ca:40
Solids: 1.0%
LCM: 4#/bbl
ECD: 9.80#/gal

DST #1
ARBUCKLE
2397'-2460'
30-45-45-60
1st Op: Wk blo, blt to 1/2" in 15 min, 30 min 3/4", No BB
2nd Op: NB in 15 min, 45 min dead, No BB
Rec: 34' TF:
1' CO
23' OCM
(1%O,99%M)
Tool Spl:
2%O,98%M
IHP: 1145
IFP: 12-17



2400'spl} SH & SILTS: AA.

2410'spl} ARDMORE LS: gy-tn-wh, sm mot; pred dn Mdst, & mx- dn; sm chlky; sm argil; NVP; NS.
SH: bk carb.
2420'drlg.spl} LS: gy, argil- Mdst;
& SH: gn-gy, & bk carb.
Vrr Chert; sharp, fresh.

2420'circ.spls} CONGL} sm Chert: gy-wh; pred fresh- sl wthr'd, sharp w/ Vpr-NVP w/ NS; Rr Sd Clust: wh, Vfn-MdGr'd well cmt'd, silty; Vpr-pr Poro w/ NS; Shly & Silty.
2430'circ.spls} V.abndt CHERT: tn-gy-wh, sm mot- oolc {Arb.Chert), pred sharp & fresh to sl Wthr'd w/ Vpr-pr Visbl Poro; Vrr FLR on aprnt Frac.Edgs & wthr'd Poro; Trc SFO-STN-FLR-Cut.

{ARBUCKLE}2440'circ.spls.&2445'circ.spls} V.Cherty DOLO: bf-tn-gy, mx-fnXln, pred VfnXln- dn, & sub-sucro w/ pred Vpr-pr Visbl IXP & m-Frac's; >10%<20% w/ spt'd FLR & O.STN & SlSFO & Cut ; Vrr Fr Visbl Poro: IXP; <5% w/ sat FLR & O.STN & Fr SFO & Cut, Fr Odor.
2450'circ.spls} DOLO: AA; incrs fnXln, ~10% w/ Fr-Gd Poro: IXP w/ sat FLR & O.STN & FrSFO & Cut, Fr Odor.
2455'circ.spls} DOLO: AA; pred dn-mx-VfnXln w/ Vpr-pr Visbl Poro; ~30% w/ FLR&SFO&STN&Cut, Odor AA.
2460'&65'circ.spls} DOLO: cm-bf-gy; mx-fnXln, pred VfnXln, sucro; >20% pr-Fr Vug&IXP w/ subsat FLR & Tn O.STN& SlSFO&Cut;~10% Fr-Gd Vug & IXP w/ sat FLR & O.STN & Fr-Gd SFO & Cut, Str.Odr. (2470'circ.spls} DOLO: gy w/ rich Tn STN; mx-MdXln; ~30% w/ Fr-Gd Vug & Moldc & IXP; sat FLR&STN&Fr-GdSFO&Cut,Str.Odr; V.Chrty. (2475'circ.spls}DOLO:bf - Tn.O.STN; Vfn-fnXln, Vrr MdXln, sucro, >30%~40% w/ Fr-Gd IXP w/ sat FLR & STN & Fr-Gd SFO & Cut, Strong Odor; V.Cherty.
(2480'circ.spls} DOLO: cm-bf, w/ Tn O.STN, mx-fnXln, Rr prt MdXln; >20% sucro & granlr w/ Fr-Gd Vug & IGr & IXP w/ sat FLR & O.STN & Fr-Gd SFO & Cut; V.Cherty: AA, pred sharp, sm granlr Chert w/ IGr Poro w/ FLR & SFO & STN & Cut; {>50% of DOLO & CHERT w/ FLR & SFO & STN & Cut; Strong Odor (Str.Odr).

2394' (-1009)
ARDMORE

2411' (-1026)
EROS ARB CHERT

{Trc SFO)
2433' (-1048)
ARBUCKLE DOLO
{~15%Sl-Fr SFO)

{Fr SFO)

{~30%Sl-FrSFO)

{~20%SlSFO &
~10%Fr-GdSFO)

{~30%Fr-GdSFO)

{~25%Fr-GdSFO)

RTD:2480'(-1095)

FUD MUD report
10/07/15@8:30am
TIH @ 2470'
Wt: 9.3 Vis: 56
PV: 32 YP: 24
pH: 9.5 WL: 7.4
CT: 2/32" Alk:0.1
Cl:1200ppm Ca:80
Solids: 1.0%
LCM: 4#/bbl
ECD: 9.80#/gal

VESS OIL CORP
BARNHILL A# 34
330'FSL&1850'FWL
Sec: 6-26S-05E
BUTLER CO., KS
API#15-015-24058

ISIP: 762
FFP: 18-22
FSIP: 718
FHP: 1111
BHT: 102deg.F.

DST #2
ARBUCKLE
2443'-2470'
30-45-45-60
1st Op: Blt to 3" in 17 min, 4.5" in 30 min, No BB
2nd Op: Blt to 4.5" in 45 min, No BB
Rec: 146' TF:
1' CO
85' SlOCM
(3%O,97%M)
60% OWM
(5%O,20%W
75%M)
Cl: 30,000 ppm
Rw:0.29@51deg.F.
Tool Spl:
4%O,2%W,94%M
IHP: 1155
IFP: 9-40
ISIP: 938
FFP: 41-76
FSIP: 935
FHP: 1161
BHT: 101deg.F.

DST #3
ARBUCKLE
2470'-2480'
30-45-45-60
1st Op: Blt to 7.5" in 30 min, no BB
2nd Op: Blt to 9" in 45 min, No BB
Rec: 208' TF:
30' SlOHWCM
(65%W,35%M)
178' SlOMW
(1%O,58%W
41%M)
Tool Spl:
1%O,94%W,5%M
Cl: 24,000 ppm
Rw:0.39@60deg.F
IHP: 1177
IFP: 11-55
ISIP: 957
FFP: 57-105
FSIP: 957
FHP: 1133
BHT: 103deg.F.

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Barnhill A 32 Dst 1

TIME ON: 12:06
TIME OFF: 19:13

Company Vess Oil Corp
Lease & Well No. Barnhill A 32
Contractor C & G Drilling
Charge to Vess Oil Corp
Elevation KB 1385 Formation Arbuckel Effective Pay ____ Ft. Ticket No. RR200
Date Oct-6-2015 Sec. 6 Twp. 26 S Range 5 E W County Butler State KANSAS
Test Approved By Roger Martin
Diamond Representative RICKY RAY
Formation Test No. 1 Interval Tested from 2397 ft. to 2460 ft. Total Depth 2460 ft.

Packer Depth 2392 ft. Size 6 3/4 in. Packer depth 4664 ft. Size 6 3/4 in.

Packer Depth 2397 ft. Size 6 3/4 in. Packer depth ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 2385 ft. Recorder Number 0062 Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 2437 ft. Recorder Number 5954 Cap. 5000 P.S.I.

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

Mud Type Chem Viscosity 52 Drill Collar Length 178 ft. I.D. 2 1/4 in.

Weight 9.3 Water Loss 7.8 cc. Weight Pipe Length - ft. I.D. 2 7/8 in

Chlorides 1000 P.P.M. Drill Pipe Length 2187 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number 12 Test Tool Length 32 ft. Tool Size 3 1/2-IF in

Did Well Flow? NA Reversed Out NA Anchor Length 63A (32P) ft. Size 4 1/2-FH in

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

Blow: 1st Open: WSB Blow (Built to 3/4" in 30 mins) NOBB

2nd Open: NO Blow NOBB

Recovered 1 ft. of O 100% M

Recovered 23 ft. of SLO w/ SLOSM 1% O 99% M

Recovered 24 ft. of Total Fluid

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Tool Sample: 2% O 98% M

Price Job

Other Charges

Insurance

Total

Time Set Packer(s) 2:04 PM A.M. P.M. Time Started Off Bottom 5:04 PM A.M. P.M. Maximum Temperature 102

Initial Hydrostatic Pressure........ (A) 1145 P.S.I.

Initial Flow Period........ Minutes 30 (B) 12 P.S.I. to (C) 17 P.S.I.

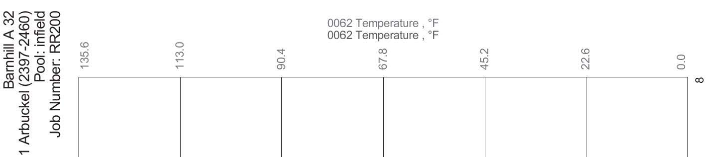
Initial Closed In Period........ Minutes 45 (D) 762 P.S.I.

Final Flow Period........ Minutes 45 (E) 18 P.S.I. to (F) 22 P.S.I.

Final Closed In Period........ Minutes 60 (G) 718 P.S.I.

Final Hydrostatic Pressure........ (H) 1111 P.S.I.

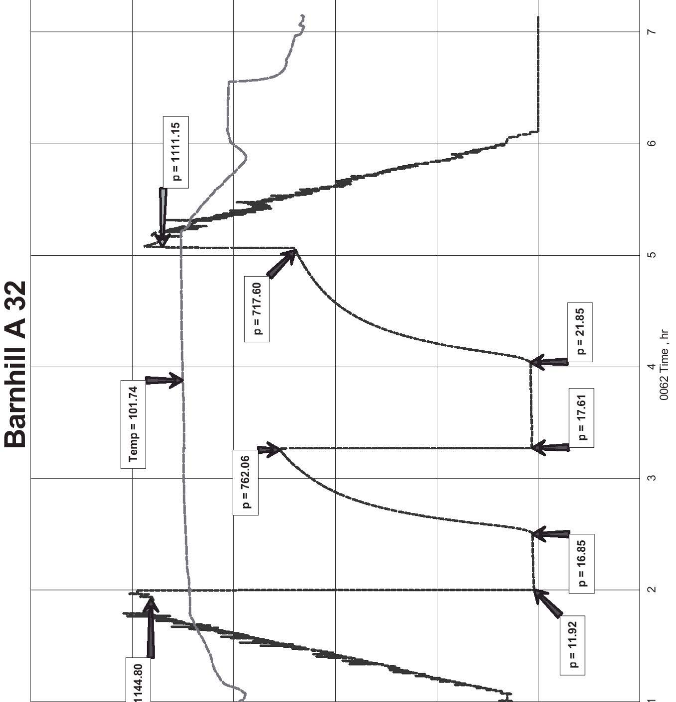
Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged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



Barnhill A 32

Vess Oil Corp
Dst 1 Arbuckel (2397-2460)
Start Test Date: 2015/10/06
Final Test Date: 2015/10/06

Formation: Dst



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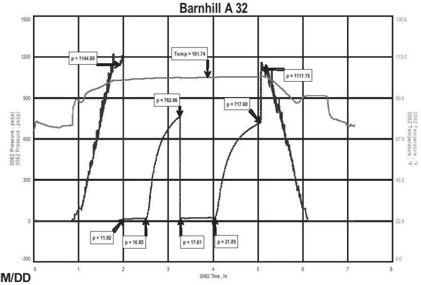
Diamond Testing LLC

P.O. Box 157
HoisingtonKS 67544

Ricky Ray - Tester
(620) 617-7261

Wellsite Report



General Information

Company Name	**Vess Oil Corp**
Contact	**Casey Coats**
Well Operator	**Vess Oil Corp**
Well Name	**Barnhill A 32**
Surface Location	**Sec: 6-16s-5E (Butler County)**
Field	**El Dorado**
Well Type	**Vertical**
Pool	**infield**
Test Purpose (AEUB)	**Initial Test**
Qualified By	**Roger Martin**

Test Information

Job Number	**RR200**	
Test Type	**Drill Stem Test**	
Well Fluid Type	**01 Oil**	
Formation	**Dst 1 Arbuckel (2397-2460)**	
Start Test Date	**2015/10/06**	**YYYY/MM/DD**
Start Test Time	**12:06:00**	**HH:mm:ss**
Final Test Date	**2015/10/06**	**YYYY/MM/DD**
Final Test Time	**10:13:00**	**HH:mm:ss**

Test Results

Recovery:

1'	**O**	**100% O**	
23'	**SLO w/ SLOSM**	**1% O**	**99% M**
24'	**Total Fluid**		

Tool Sample:	**2% O**	**98% M**

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Barnhill A 32 Dst 2

TIME ON: 01:35
TIME OFF: 08:38

Company Vess Oil Corp Lease & Well No. Barnhill A 32
Contractor C & G Drilling Charge to Vess Oil Corp
Elevation KB 1385 Formation Arbuckel Effective Pay Ft. Ticket No. RR201
Date Oct-7-2015 Sec. 6 Twp. 26 S Range 5 E W County Butler State KANSAS
Test Approved By Roger Martin Diamond Representative RICKY RAY

Formation Test No. 2 Interval Tested from 2443 ft. to 2470 ft. Total Depth 2470 ft.
Packer Depth 2438 ft. Size 6 3/4 in. Packer depth ft. Size 6 3/4 in.
Packer Depth 2443 ft. Size 6 3/4 in. Packer depth ft. Size 6 3/4 in.
Depth of Selective Zone Set

Top Recorder Depth (Inside) 2431 ft.	Recorder Number 0062	Cap. 5000 P.S.I.	
Bottom Recorder Depth (Outside) 2444 ft.	Recorder Number 5954	Cap. 5000 P.S.I.	
Below Straddle Recorder Depth ft.	Recorder Number	Cap. P.S.I.	

Mud Type Chem	Viscosity 52	Drill Collar Length 178 ft.	I.D. 2 1/4 in.
Weight 9.3	Water Loss 7.8 cc.	Weight Pipe Length - ft.	I.D. 2 7/8 in
Chlorides 1000 P.P.M.		Drill Pipe Length 2411 ft.	I.D. 3 1/2 in
Jars: Make STERLING	Serial Number 12	Test Tool Length 32 ft.	Tool Size 3 1/2-IF in
Did Well Flow? NA	Reversed Out NA	Anchor Length 27P ft.	Size 4 1/2-FH in
Main Hole Size 7 7/8	Tool Joint Size 4 1/2 4in FH in.	Surface Choke Size 1 in.	Bottom Choke Size 5/8 in

Blow: 1st Open: WSB (Built to 4 1/2" in 30 mins) NOBB

2nd Open: WSB (Built to 4 1/4" in 45 mins) NOBB

Recovered 1 ft. of O 100% O

Recovered 85 ft. of SLO w/ HOSM 3% O 97% M

Recovered 60 ft. of OWM 5% O 20% W 75% M

Recovered 146 ft. of Total Fluid PH: 7

Recovered ft. of Cholrides: 30,000 PPM

Recovered ft. of RW: .29 @ 51 Deg

Remarks: Tool Sample: 4% O 2% W 94% M

Price Job

Other Charges

Insurance

Total

Time Set Packer(s) 3:23 AM A.M. P.M.

Time Started Off Bottom 6:23 AM A.M. P.M.

Maximum Temperature 101

Initial Hydrostatic Pressure		(A) 1155 P.S.I.	
Initial Flow Period	Minutes 30	(B) 9 P.S.I.	to (C) 40 P.S.I.
Initial Closed In Period	Minutes 45	(D) 938 P.S.I.	
Final Flow Period	Minutes 45	(E) 41 P.S.I.	to (F) 76 P.S.I.
Final Closed In Period	Minutes 60	(G) 935 P.S.I.	
Final Hydrostatic Pressure		(H) 1161 P.S.I.	

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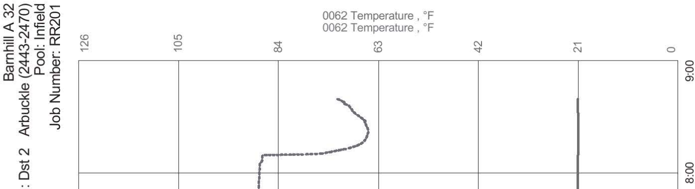
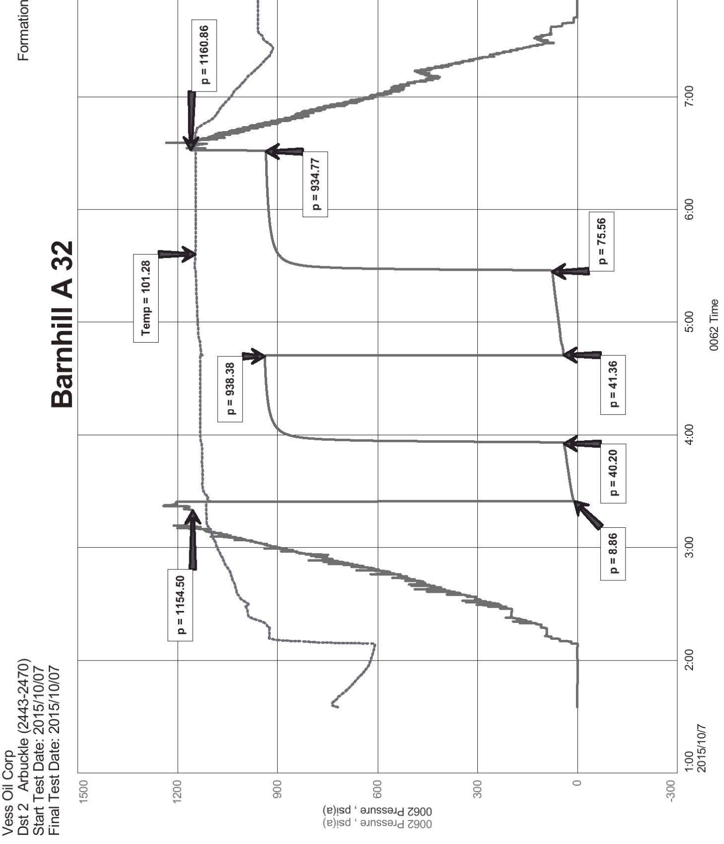


Vess Oil Corp
Dst 2 Arbuckle (2443-2470)
Start Test Date: 2015/10/07
Final Test Date: 2015/10/07

Formation

Barnhill A 32



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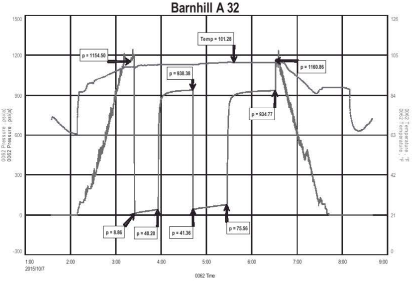
Ricky Ray - Tester
(620) 617-7261

Wellsite Report



General Information

Company Name	**Vess Oil Corp**
Contact	**Casey Coats**
Well Operator	**Vess Oil Corp**
Well Name	**Barnhill A 32**
Surface Location	**Sec: 6-26s-5E (Butler County)**
Field	**El Dorado**
Well Type	**Vertical**
Pool	**Infield**
Test Purpose (AEUB)	**Initial Test**
Qualified By	**Roger Martin**
Gauge Name	**0062**

Test Information

Job Number	**RR201**	
Test Type	**Drill Stem Test**	
Well Fluid Type	**01 Oil**	
Formation	**Dst 2 Arbuckle (2443-2470)**	
Start Test Date	**2015/10/07**	**YYYY/MM/DD**
Start Test Time	**01:35:00**	**HH:mm:ss**
Final Test Date	**2015/10/07**	**YYYY/MM/DD**
Final Test Time	**08:38:00**	**HH:mm:ss**

Test Results

Recovery:

1'	**O**	**100%**	**O**		
85'	**SLO w/ HOSM**	**3% O**		**97% M**	
60'	**OWM**	**5% O**		**20% W**	**75% M**
146'	**Total Fluid**				

Tool Sample: **4% O** **2% W** **94% M**

PH: 7
Chlorides: 30,000 PPM
RW: .29 @ 51 Deg

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

DRILL-STEM TEST TICKET

FILE: Barnhill A 34 Dst 3

TIME ON: 16:02
TIME OFF: 23:03

Company Vess Oil Corp Lease & Well No. Barnhill A 34
Contractor C & G Drilling Charge to Vess Oil Corp
Elevation KB 1385 Formation Arbuckle Effective Pay ____ Ft. Ticket No. RR202
Date Oct-7-2015 Sec. 6 Twp. 26 S Range 5 E W County Butler State KANSAS
Test Approved By Roger Martin Diamond Representative RICKY RAY

Formation Test No. 3 Interval Tested from 2470 ft. to 2480 ft. Total Depth 2480 ft.
Packer Depth 2465 ft. Size 6 3/4 in. Packer depth ____ ft. Size 6 3/4 in.
Packer Depth 2470 ft. Size 6 3/4 in. Packer depth ____ ft. Size 6 3/4 in.
Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 2458 ft. Recorder Number 0062 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 2472 ft. Recorder Number 5954 Cap. 5000 P.S.I.
Below Straddle Recorder Depth ft. Recorder Number Cap. P.S.I.

Mud Type Chem Viscosity 56 Drill Collar Length 178 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 7.4 cc. Weight Pipe Length - ft. I.D. 2 7/8 in
Chlorides 1200 P.P.M. Drill Pipe Length 2260 ft. I.D. 3 1/2 in
Jars: Make STERLING Serial Number 12 Test Tool Length 32 ft. Tool Size 3 1/2-IF in
Did Well Flow? NA Reversed Out NA Anchor Length 10P ft. Size 4 1/2-FH in
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 4in FH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in

Blow: 1st Open: WSB (Built to 7 1/2" in 30 mins) NOBB
2nd Open: WSB (Built to 9" in 45 mins) NOBB

Recovered 30 ft. of SLO w/ HW 65% w 35% M
Recovered 178 ft. of SLO MW 1% O 58% W 41% M
Recovered 208 ft. of Total Fluid
Recovered ft. of PH: 7
Recovered ft. of Chlorides: 24,000 PPM
Recovered ft. of RW: .39 @ 61 Deg
Remarks: Tool Sample: 1% O 94% W 5% M

Price Job
Other Charges
Insurance

Total

Time Set Packer(s) 5:37 PM A.M. P.M. Time Started Off Bottom 8:37 PM A.M. P.M. Maximum Temperature 103

Initial Hydrostatic Pressure................ (A) 1177 P.S.I.
Initial Flow Period........ Minutes 30 (B) 11 P.S.I. to (C) 55 P.S.I.
Initial Closed In Period........ Minutes 45 (D) 957 P.S.I.
Final Flow Period........ Minutes 45 (E) 57 P.S.I. to (F) 105 P.S.I.
Final Closed In Period........ Minutes 60 (G) 957 P.S.I.
Final Hydrostatic Pressure................ (H) 1133 P.S.I.

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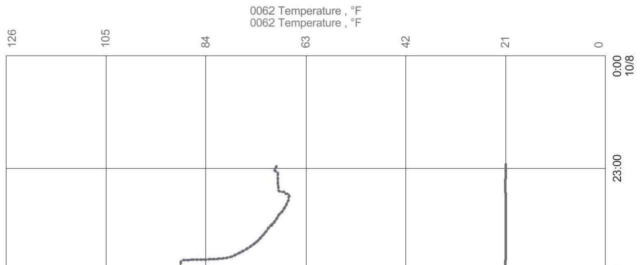
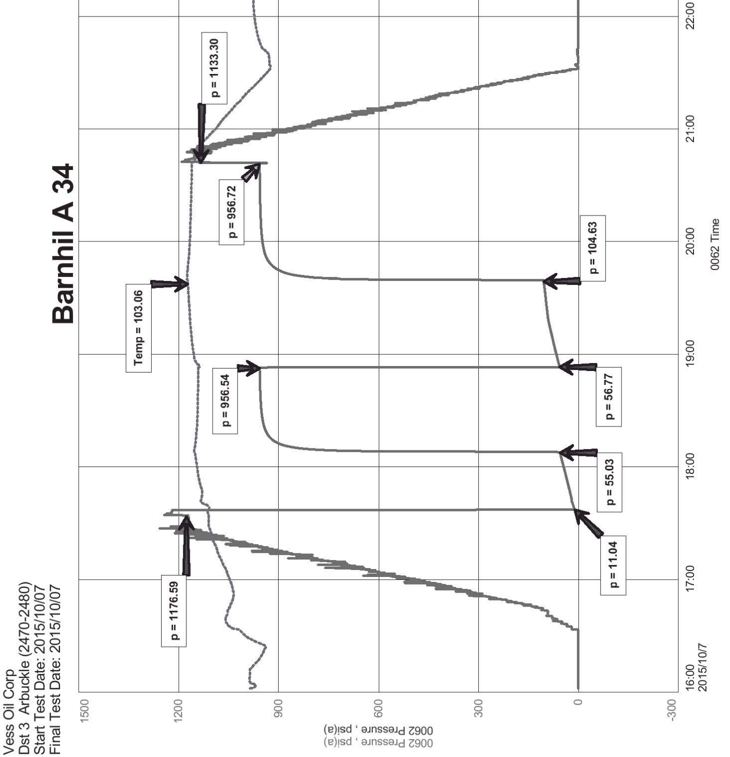
Barnhil A 34
Formation: Dst 3 Arbuckle (2470-2480)
Pool: Infield
Job Number: RR202



Vess Oil Corp
Dst 3 Arbuckle (2470-2480)
Start Test Date: 2015/10/07
Final Test Date: 2015/10/07

Barnhil A 34



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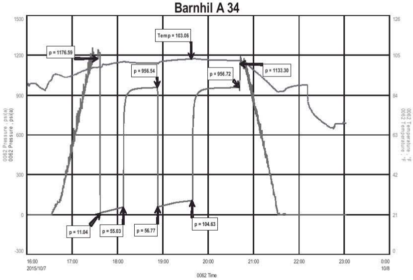
Diamond Testing LLC

P.O. Box 157
HoisingtonKS 67544

Ricky Ray - Tester
(620) 617-7261

Wellsite Report



General Information

Company Name	**Vess Oil Corp**
Contact	**Casey Coats**
Well Operator	**Vess Oil Corp**
Well Name	**Barnhil A 34**
Surface Location	**Sec: 3-26s-5E (Butler County)**
Field	**El Dorado**
Well Type	**Vertical**
Pool	**Infield**
Test Purpose (AEUB)	**Initial Test**
Qualified By	**Roger Martin**
Gauge Name	**0062**

Test Information

Job Number	**RR202**	
Test Type	**Drill Stem Test**	
Well Fluid Type	**01 Oil**	
Formation	**Dst 3 Arbuckle (2470-2480)**	
Start Test Date	**2015/10/07**	**YYYY/MM/DD**
Start Test Time	**16:02:00**	**HH:mm:ss**
Final Test Date	**2015/10/07**	**YYYY/MM/DD**
Final Test Time	**23:03:00**	**HH:mm:ss**

Test Results

Recovery:

30'	**OSM w/ HW**	**65% w**	**35% M**	
178'	**SLO MW**	**1% O**	**58% W**	**41% M**
208'	**Total Fluid**			

Tool Sample:	**1% O**	**94% W**	**5% M**

PH: 7
Chlorides: 24,000 PPM
RW: .39@ 61 Deg