



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1156579

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%; border-bottom: 1px solid black;">Name</td> <td style="width:15%; border-bottom: 1px solid black;">Top</td> <td style="width:15%; border-bottom: 1px solid black;">Datum</td> </tr> </table>	Name	Top	Datum
Name	Top	Datum		

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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ROGER L. MARTIN

INDEPENDENT PETROLEUM GEOLOGIST 316-250-6970

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

COMPANY VESS OIL CORPORATION
 LEASE KOOGLER S-107
 FIELD EL DORADO
 LOCATION 330' FSL 5' FEL
 SECTION 30 TOWNSHIP 26S RANGE 05E
 COUNTY BUTLER STATE KANSAS

ELEVATIONS

KB 1330' GL 1324'

Measurements Are All
 From KB

API 15-015-23971

CONTRACTOR C&G DRILLING, Rig #1
 SPUD 05/05/2013 COMP 05/10/2013
 RTD 2634' (-1304) LTD n/a

ELECTRICAL SURVEYS

No Open Hole E-logs

CASING

SURFACE 8&5/8" set @ 270' KB
w/150 sx Class A, 3% CC

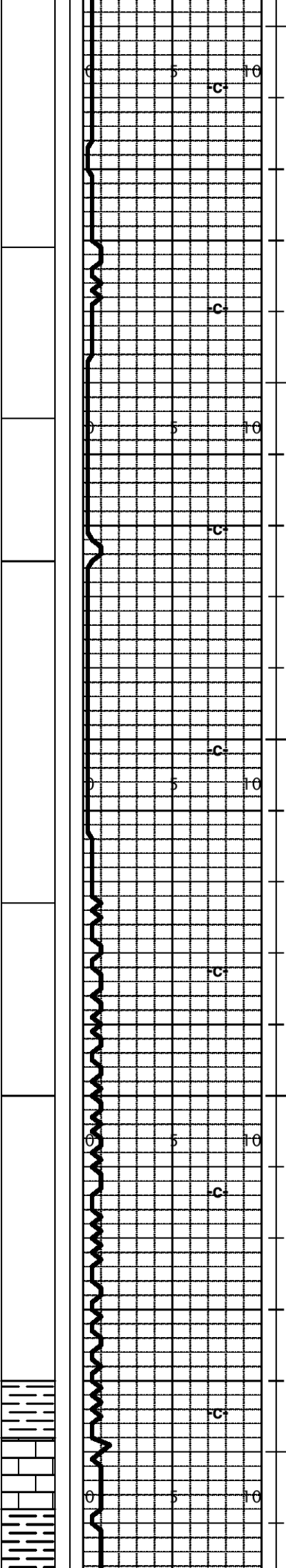
PRODUCTION 64 jts 5&1/2" J-55 set @
2627' KB w/125 sx Thickset.

FORMATION TOPS	LOG	SAMPLES	CHRONOLOGY
LANSING	1756' (-436)	1758' (-428)	05/05/2013- MIRU. Drill rathole. Spud 12 1/4" hole @ 1:30 PM. TD 12 1/4" hole @ 278' @ 10:30 PM. Set 270' of 8 5/8" 24#/ft LS casing, set @ 278' KB. Consolidated: 150 sx Class A, 3% CC, Done @ midnight.
KANSAS CITY	2057' (-727)	2059' (-729)	
STARK SHALE	2163' (-833)	2164' (-834)	
BASE KANSAS CITY	2230' (-900)	2234' (-904)	05/06/2013- Drill out from under surface @ 8 AM. PDC BIT.
CHECKERBOARD	2289' (-959)	2290' (-960)	05/07/2013- Bit trip @ 1925', change to button bit. Lost 20 bbl mud @ 1675'. Mud up. MW 9.3, VIS 35, LCM 1#.
HEPLER SAND	2304' (-974)	2305' (-975)	
ALTAMONT		2341' (-1011)	05/08/2013- Drilling @ 2321; 2400' MW 9.2, VIS 39. WL 9.8, LCM 2#. Short trip @ 2576' before Viola Zone.
CHEROKEE	2420' (-1090)	2420' (-1090)	05/09/2013- Circ @ 2610'. DD to 2624' and run DST #1. MW 9.4, VIS 51, WL 8.2, LCM 2#.
ARDMORE	2494' (-1164)	2494' (-1164)	
VIOLA	2622' (-1292)	2621' (-1291)	05/10/2013- TD @ 2634' after DST #2. CASING JOB: Ran 64 jts of 5 1/2" 15.5#/ft J-55 LT&C casing, Tally = 2627.65, Packer shoe = 2.50, Total = 2630.15'. Tagged TD @ 2634'; Set @ 2627'. Put on 6 centralizers and 1 basket. Circ mud for 20 min, Set packer shoe @ 1050#, Circ mud for 20 min. Consolidated Services: pump 500 gal mud flush. Cemented with 125 sx Thickset Cement. Caught pressure @ 31 bbl, Good circ of mud. Lift pressure to 700#, Land plug @ 950# @ 8:40 PM. Release, it held. Set slips and cut off casing.
RTD/LTD	2636' (-1306)	2634' (-1304)	

REMARKS:

** Cased hole E-log tops picked by P. Ramondetta, Geologist, VOC

LITH	POROSITY	DRILLING TIME MIN/FT	DST	SAMPLE DESCRIPTION	REMARKS
				<p>LS: tn-gy-wh, Pred dn- mx- fnx, prt chlky, Pr- NVP. NS.</p>	<p>{DRILLING w/PDC BIT: KELLY DOWN SAMPLES}</p>
				<p>SH: sm blk carb & dk Gy, Pred LS: AA & sm fnxln- mdxln w/Pr- Fr Por. (1366' spl)</p>	
				<p>LS: AA & tn-gy-wh, mx- fnx & dn, sm argil, Rr chlky, Pr- NVP. NS. (1397' spl)</p>	
				<p>LS: dk tn-gy-bn, dn hd- mx- fnx, sm argil, VPr- NVP, NS. Shrp Incrs SH: dk gy & blk carb & gn-gy, sm pyrtc. (1428' spl)</p>	
				<p>SH: Pred gy-blk, & LS: (>70%) tn-gy-wh, sm mot, Pred dn Mdst, sm argil, prt chlky, sm mx- fnx, VPr- NVP, NS. (1459' spl)</p>	
				<p>sm SI Cherty LS: tn-gy-wh, Pred dn Mdst, sm mx- Mdxln, Pred Pr- NVP. NS.</p>	



Pred SH: gn-gy & sm blk carb- Vcarb. (1490' spl)

Incrs LS: wh-tn, mx- fnx, prt chlky, prt dn, Pred Pr- NVP, NS. (1521' spl)

Shrp Incrs SH: (>80% SH) Pred dk gy, sm micac, sm pyrtc, sm lt gy, sndy Silts & silty Vfn Gr'd Sd Clust w/NS. (1552' spl)

VAbndt SS- SD CLUST: lt-md gy, sm gy-wh, Vfn Gr'd, silty & sm Vfn- fn Gr'd, Pred well cmt'd, Sl calc, sm fribl w/Fr- Gd Por, NS. NF. NC. sm micac, Pred silty, sm shly & SILTS: gy & gn-gy, sm sndy, micac. (1585' spl)

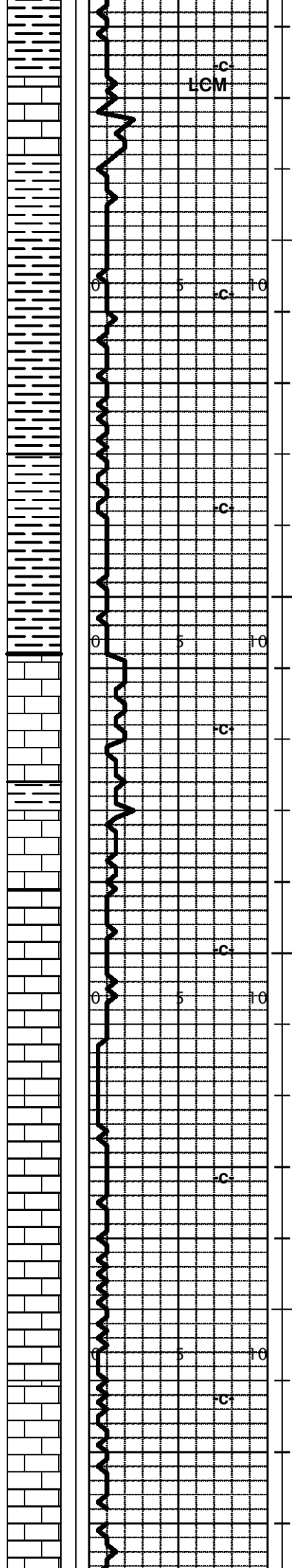
SS- SD CLUST: (>30% Sd Clust) AA, Incrs Vfn- fn Gr'd, fribl w/Fr- Gd Por, NS. NF. NC. SILTS: AA & SH: dk-md gy, micac.

Pred SH: dk-md gy & blk, sm micac, Rr pyrtc. SILTS: AA, Trc Sd Clust, AA. NS. (1645' spl)

SH: (~50% SH) AA, gy-blk & gn-gy, sm blk carb. (1676' spl)

Abndt LS: (~50% LS) tn-wh, Pred mot, mx- fnxln, Rr prt Mdx- crsx- 2nd ReX, sm Pkst, sm chlky, Pr- NVP, NS. (1676' spl)

Pred SH: gn-gy, pyrtc & Silts & blk carb SH. (1708' spl)



LS: gy-tn, dn Mdst, cryptox- Vfnxln, VPr- NVP. (1708' spl)

LS: (~10%) gy-bn, dn- mx, Mdst w/ NVP.
 Pred SH: gy-blk, sm carb & lt- dk Gy.
 SILTS: lt- dk gy, micac. (1738')

-1700

SH: Pred dk gy, sm micac. (1769' spl)

-1750

{LANSING} VAbndt (>95%) LS: tn-gy-wh, mx- fnx, VRr Mdx- VcrsX's- 2nd ReX, Pred dn, sm chlky, Pr- NVP, NS. (<5% gn-gy SH & blk carb).

LS: tn-gy-wh, sm mot, mx- fnx, VRr Mdx- VcrsX's- 2nd ReX, sm fos Pkst, sm chlky, sm Pr- Fr IX Por, NS. (1832' spl)

LS: tn-wh, sm mx- fnxln, VRr Mdx- crsX's- 2nd ReX, sm grnlr Pkst, Pr- Fr Por, Trc Gd Por, NS. Abndt dn to chlky LS w/VPr- NVP, NS.

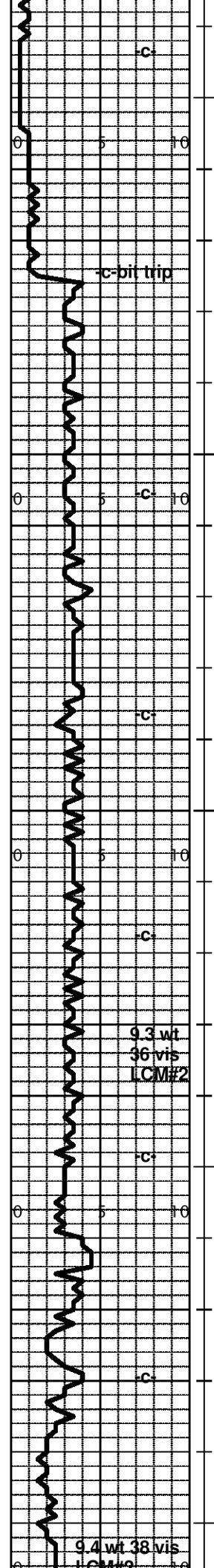
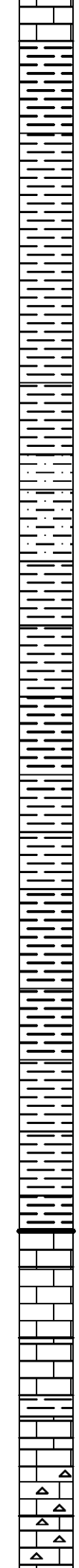
-1800

LS: tn-gy-wh, Pred dn- mx- fnx, VRr prt Mdx, sm 2nd ReX, sm chlky, Pred Pr- NVP, NS. (1894' spl)

-1850

LS: tn-wh, Pred dn- mx- fnx- 2nd ReX, Rr mot Pkst, Rr chlky, SI Cherty. VPr- NVP, NS. (1925' spl)

<p>{Losing mud volume- Mix Mud & LCM}</p>	
<p>1758' (-428) LANSING</p>	



Pred LS AA, Rr SILTS: gn-gy, micac, sm calc & gn-gy SH. (1935' spl)

-1900

~30% LS: AA, VRr prt Mdx- VcrsX's- 2nd ReX, NS. VAbndt SILTS- SH: gn-gy, micac, sm sndy, Vfn Gr'd, sm pyrtc.

-c-bit trip

>90% SH & SILTS: AA.

-1950

SH- SILTS: dk-lt gy, micac, sm pyrtc, sm calc. (1960' spl)

SH- SILTS: dk-lt gy, sm micac. (1970' spl)

SH: dk-lt gy & gn-gy, sm micac. (1980' spl)

SH: >95% SH: AA. (1990' spl)

SH: gy-blk. (2000' spl)

SH: gy, sm pyrtc, sm calc, sm micac.

-2000

SH: gy-blk & gn-gy, Rr pyrtc.

SH: Pred dk gy.

SH: AA, VRr pyrtc.

SH: AA, Trc LS.

SH: gy-blk, Rr pyrtc. (2060' spl)

-2050

~50% SH: gy-blk & gn-gy. (2070' spl)

{KANSAS CITY} LS: ~50% tn-gy-wh, sm mot, Pred dn-mx- fnx, Rr Pkst, VPr- PR Por, NS. (2070' spl)

LS: lt tn-gy-wh, mx- fnxln, sm Pkst, sm Fr- Gd vug Por, NS. sm chlky. (2080' spl)

LS: gy-tn-wh, Rr mot, ool- Vool Pkst w/Pr- Fr Por, Pred dn- Pr Por, NS. (2090' spl)

Incrs SH: gn-gy & blk & LS: AA.

LS: cm-tn-gy, mot Pkst, mx- fnx, Trc FLR- STN, NC, NFO. Rr Mdx- crsX's- 2nd ReX, sm chlky. CHERTY: lt gy-tn-cm-wh, blu-gy, shrp, opq. (2110' spl)

-2100

LS: tn-wh, Pred dn- chlky, sm mx- fnx, sm Pkst, VPr- NVP. NS. Sl Cherty. NS. (2120' spl)

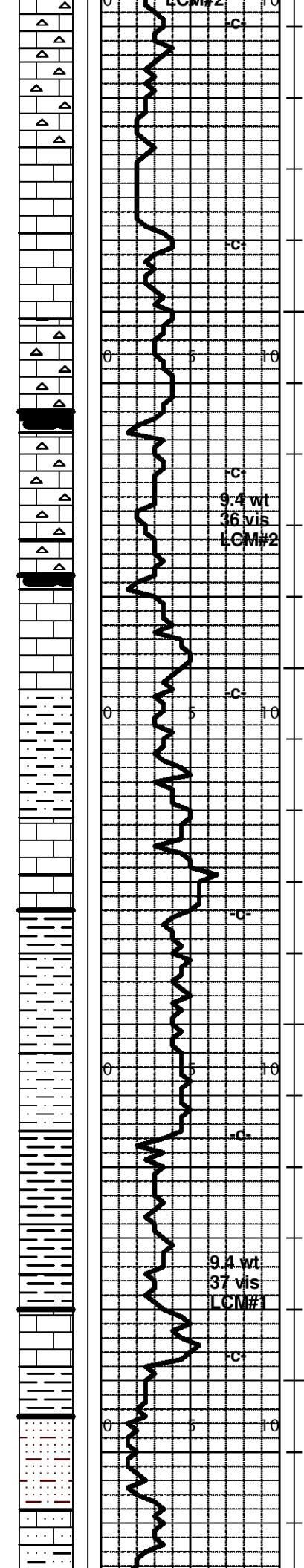
{10' samples @ 1950'}

MUD CHECKS
 by FUD MUD:
 WT 9.2+, VIS 36
 PV 26, YP 16
 WL 10.8, pH 8.5
 CI 900, LCM 1#

2059' (-729)
KANSAS CITY

9.3 wt
 36 vis
 LCM#2

9.4 wt 38 vis
 LCM#2



LS: AA, Incrs chlky, NS. (2130' spl)

LS: tn-gy-wh, sm mot Pkst, sm mx- fnx, prt chlky, Pr- Fr Por: pp- vug Por, NS. (2140' spl)

LS: AA & tn-gy, dn Mdst & Wkst, VPr- NVP, NS. Incrs SH: blk carb & gn-gy. (2150' spl)

-2150

LS: tn-wh, Pred dn, sm mot Pkst, SI Cherty: gy, shrp, opq, sm shly- argil LS w/blk SH. (2160' spl)

{STARK} SH: Abndt gy-blk subcarb- blk Vcarb.

LS: tn-wh, pred dn- mx- Rr fnxln, CHERTY: cm-bf-gy, shrp, Rr mFrc & IX Por w/trc brt FLR, NFO, NC. (2170 & 2180' spl)

9.4 wt
36 vis
LCM#2

LS: AA, Incrs chlky, Trc vug Por, Trc FLR, NFO, SI Cherty. (2190' spl)

Incrs SH: Pred blk carb-Vcarb, sm gn-gy.
LS: tn-gy-wh, sm mot Pkst- Wkst w/VPr- Pr Por w/NS. sm chlky, sm argil- shly, NS. (2200' & 2210' spl)

-2200

VAbndt SILTS: gn-gy, sndy, calc & silty, SD CLUST: lt-dk gn-gy, Vfn Gr'd, calc, VPr- Pr Por, NS. SH: gy-blk. (2220' spl)

LS: tn-gy-wh, mot Pkst, sm fos & ool, sm fnxln- Mdx, sm prt chlky, sm argil, NS. (2230' spl)

LS: dn & argil Mdst- Wkst. (2240' spl)

{BASE KANSAS CITY} VAbndt SH- SILTS: Pred dk gy-blk, sm carb & sm calc & lmy. Rr LS: gy- blk, dn- cryptox-mx. (2250' spl)

SILTS- SH: AA, blk-gy, sm calc & lmy, micac. (2260' spl)

-2250

SH- SILTS: AA. (2270' spl)

SH: gy-blk, sm carb, sm pyrtc. (2280' spl)

SH: Pred dk gy-blk, sm carb. (2290' spl).

SH: AA, Incrs blk carb, sm gn-gy. (2300' spl)

{CHECKERBOARD} LS: tn-wh, dn- chlky, mx- VcrsX's- 2nd ReX, sm argil- shly. (2300' spl)

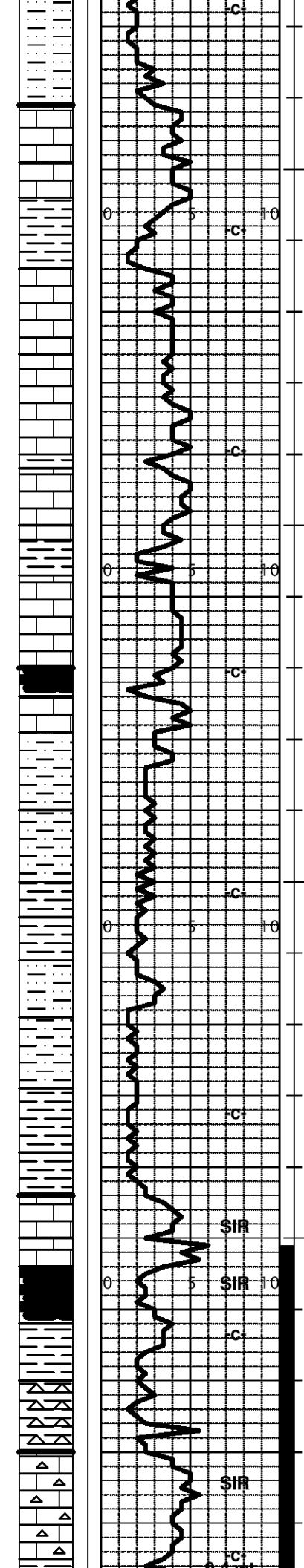
-2300

Pred SH: gn-gy-blk, sm carb. (2310' spl)

{HEPLER} SS- SD CLUST: (~20%) Silty lt gy & gn-gy, Vfn- fn Gr'd, md'd- anglr, sm SI calc, well cmt'd- fribl w/Pr- Fr Por, NS, NF, NC. (2320' spl)

Sdy LS: tn-wh & gn-gy, fn- md Gr'd, Pr Por & calc- lmy Sd Clust. NS. (2330' spl)

2164' (-834) STARK SHALE	
2234' (-904) BASE KANSAS CITY	
2290' (-960) CHECKERBOARD	
2305' (-975) HEPLER SD	



SH: gy- blk & SILTS: gn-gy. (2340' spl)

{ALAMONT} LS: tn-gy, dn hd- cryptox- mx Mdst. (2350' spl)

-2350 LS: tn-wh, pred dn Mdst, Rr chlky, VPr- NVP. (2360' spl)

SH: gy-blk & blk carb- Vcarb. (2370' spl)

LS: tn-bn-gy-wh, mot, sm Pkst, sm argil- shly, sm fos, sm Vargil- shly & SH: gy-blk carb. (2380' spl)

LS: tn-wh, pred dn- chlky, sm Pkst, Pr- NVP, NS. (2390' spl)

sm SH: gn-gy & blk carb. Abndt LS: gy-tn, dn Mdst, sm argil, VPr- NVP, NS. (2400' spl)

-2400 LS: AA & SH: blk carb & dk gy. (2410' spl)

LS: tn-gy, dn Mdst, sm chlky, sm mx- fnx, VPr- NVP. (2420' spl)

{CHEROKEE} SH: blk carb- Vcarb & gn-gy. (2430' spl)

LS: gn-gy dn Mdst, argil.

SILTS- SH: dk-lt gn-gy, sm micac & pyrtc. (2440' spl)

SILTS: gn-gy & SH: AA. (2450' spl)

-2450 Incrs SH: gy-blk & gn-gy. (2460' spl)

SH: gy-blk subcarb. (2470' spl)

Abndt SILTS: lt-dk gy, sndy & calc. & Silty SD CLUST: Vcalc, VPr- Pr Por, NS. (2480' spl)

SH: blk & dk gy, micac, sm blk carb. (2490' spl)

SH: AA & ~40% Ardmore LS. (2500' spl)

{ARDMORE} LS: tn-gy, dn- mx, sm blk carb SH.

-2500 LS: tn-gy, dn- fnx, sm argil, VPr- NVP.

SH: blk carb w/ sm coal & carb Silts.

SH: lt-dk gn-gy, sm pyrtc.

SH: VC & ~10% CHERT: VC, orng-rd-tn-gy, shrp, frsh- Sl wthr'd. (2540' spl)

{MISSISSIPPIAN} LS: (>90%) gy-tn-wh, Pred dn Mdst & mx- fnx, sm prt chlky, sm Sl argil, VPr- NVP, NS. (2550' spl)

Pred SH: (~70%) dk-lt gn-gy, sm prt mrg. (& LS: AA)

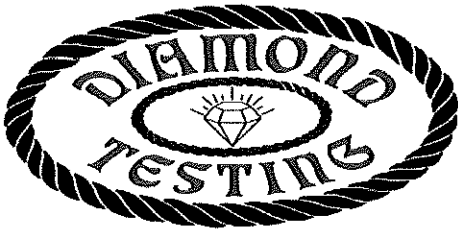
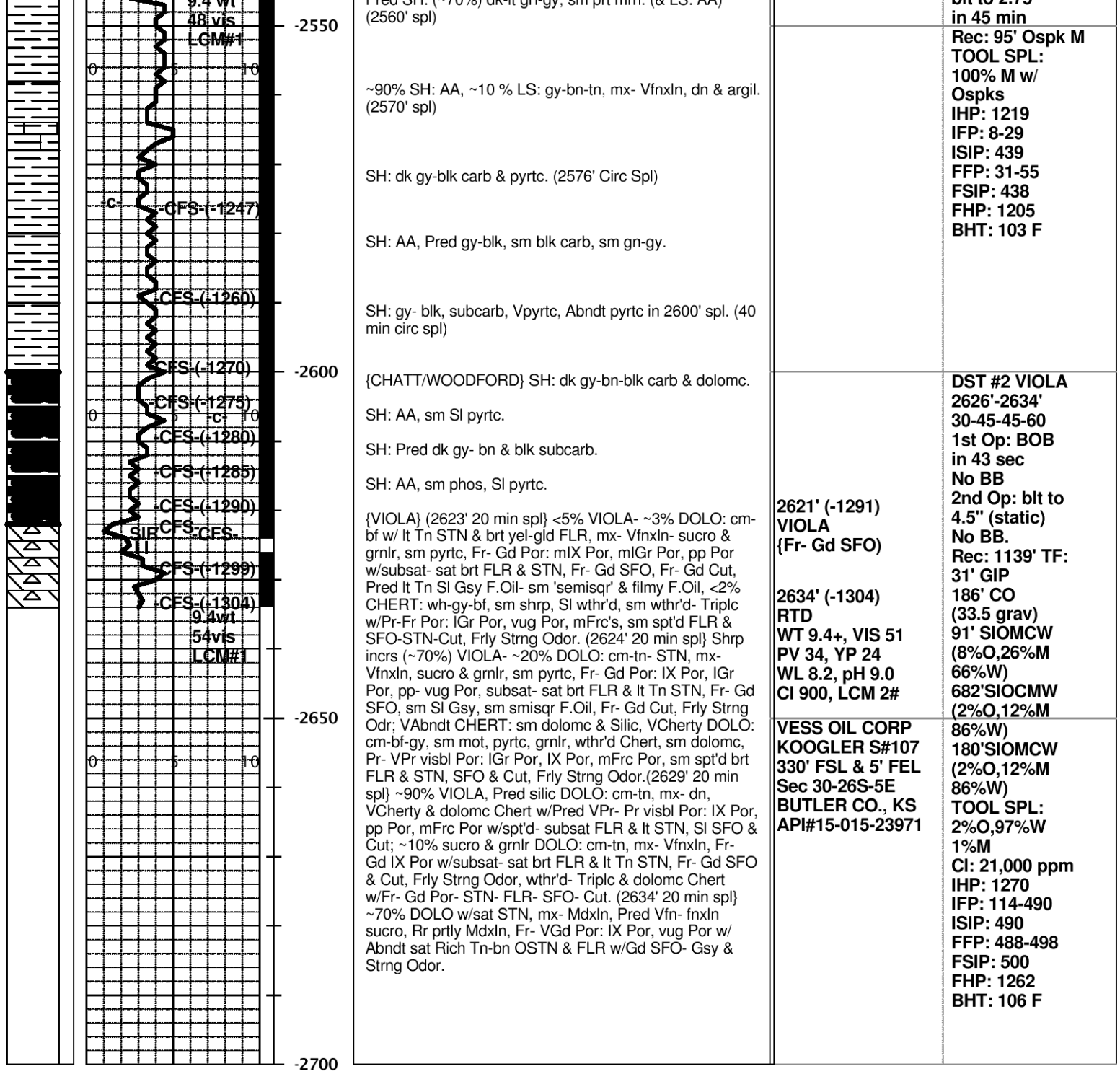
**2341' (-1011)
ALAMONT**

**2420' (-1090)
CHEROKEE**

**2494' (-1164)
ARDMORE**

WT 9.2+, VIS 39
PV 30, YP 20
WL 9.8, pH 9.0
CI 800, LCM 2#

DST #1 VIOLA
2501'-2624'
30-45-45-60
1st Op: 1/4" blo
blt to 3" in 30 min
No BB
2nd Op: WSB,
blt to 2.75"



DIAMOND TESTING
ROGER D. FRIEDLY - TESTER
CELL 620-793-2043

Company Name: Vess Oil Corp.
 Contact: Casey Coats
 Well Name: Koogler S #107
 Unique Well ID: DST #1 Viola 2501-2624'
 Surface Location: SEC 30-26S-5E Butler County
 Field: EL Dorado

Test Information

Test Type
Formation
Test Purpose
Well Fluid Type
H2S

Drill Stem Test
DST #1 Viola 2501-2624'
Initial Test
01 Oil

Job Number S0326
Test Unit 3
Representative Jacob McCallie
Well Operator Vess Oil Corp.
Report Date 2013/05/09
Prepared By Jacob McCallie
Qualified By Roger Martin

Start Test Date 2013/05/09 Start Test Time 14:14:00
Final Test Date 2013/05/09 Final Test Time 22:32:00

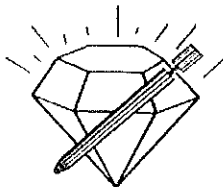
Remarks

RECOVERED:

5' SLOSM 100% M (oil specks)
DC 90' SLOSM 100% M (oil specks)
95' TOTAL FLUID

TOOL SAMPLE:

100% M (oil specks)



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: kooqlers107DST1

TIME ON: 14:14:00
TIME OFF: 22:32:00

Company Vess Oil Corp. Lease & Well No. Koogler S #107
Contractor C&G Rig #1 Charge to Vess Oil Corp.
Elevation 1330 KB Formation Viola Effective Pay _____ Ft. Ticket No. S0326
Date 5-9-13 Sec. 30 Twp. 26 S Range 5 E W County Butler State KANSAS
Test Approved By Roger Martin Diamond Representative JACOB MCCALLIE

Formation Test No. 1 Interval Tested from 2501 ft. to 2624 ft. Total Depth 2624 ft.

Packer Depth 2496 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

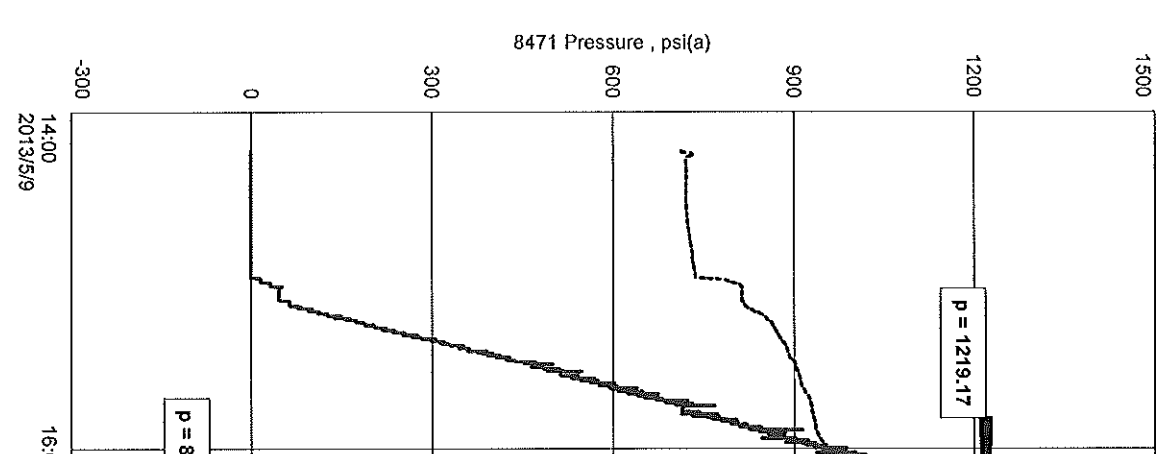
Packer Depth 2501 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 2482 ft. Recorder Number 8471 Cap. 10000 P.S.I.
 Bottom Recorder Depth (Outside) 2621 ft. Recorder Number 3851 Cap. 5700 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Mud Type CHEMICAL Viscosity 51 Drill Collar Length 89 ft. I.D. 2 1/4 in.
 Weight 9.4 Water Loss 8.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 900 P.P.M. Drill Pipe Length 2379 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 3 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 123 (35p) ft. Size 4 1/2-FH irr
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 4 FH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in

Blow: 1st Open: 1/4" Blow- Built to 3" in 30 min NOBB
 2nd Open: WSB- Built to 2 3/4" in 45 min NOBB

Recovered <u>5</u> ft. of <u>SLOSM</u>	<u>100% M (oil specks)</u>
Recovered <u>DC 90</u> ft. of <u>SLOSM</u>	<u>100% M (oil specks)</u>
Recovered <u>95</u> ft. of <u>TOTAL FLUID</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>100% M (oil specks)</u>	Total

Time Set Packer(s) 4:33 PM A.M. P.M. Time Started Off Bottom 7:33 PM A.M. P.M. Maximum Temperature 103
 Initial Hydrostatic Pressure..... (A) 1219 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 29 P.S.I.
 Initial Closed In Period..... Minutes 45 (D) 439 P.S.I.
 Final Flow Period..... Minutes 45 (E) 31 P.S.I. to (F) 55 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 438 P.S.I.
 Final Hydrostatic Pressure..... (H) 1205 P.S.I.

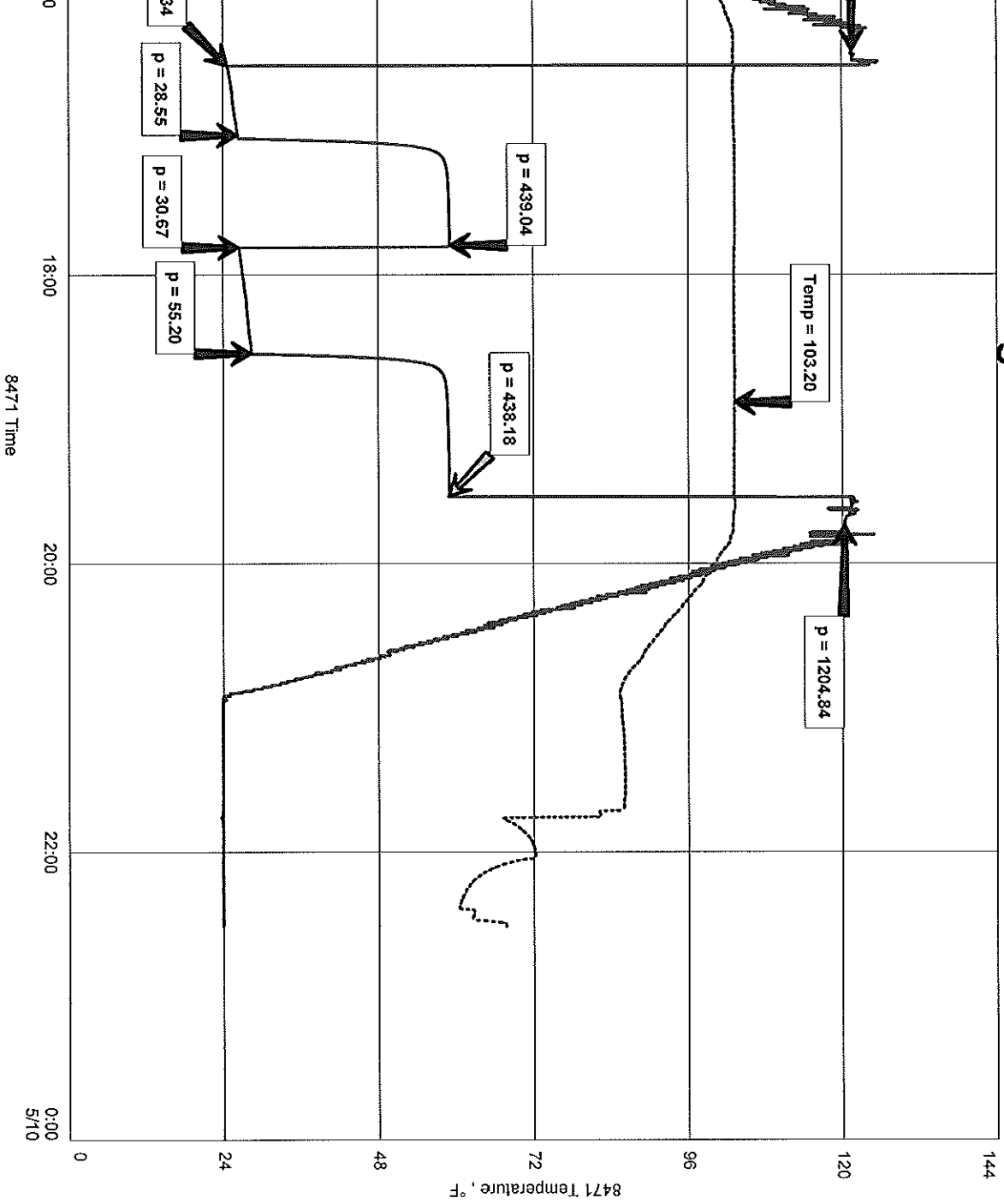
Diamond Testing shall not be liable for damages of any kind to the property or personnet of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged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



Vess Oil Corp.
 DST #1 Viola 2501-2624
 Start Test Date: 2013/05/09
 Final Test Date: 2013/05/09

Koogler S #107

Koogler S #107
 Formation: DST #1 Viola 2501-2624'
 Pool: Infield
 Job Number: S0326



DIAMOND TESTING
 ROGER D. FRIEDLY - TESTER
 CELL 620-793-2043

Company Name	Vess Oil Corp.
Contact	Casey Coats
Well Name	Koogler S #107
Unique Well ID	DST #2 Viola 2626-2634'
Surface Location	SEC 30-26S-5E Butler County

FasT

107DST1.Rpt 09-May-13 Ver

Field

Eldorado

Test Information

Job Number S0327
 Test Unit 3
 Representative Jacob McCallie
 Well Operator Vess Oil Corp.
 Report Date 2013/05/10
 Prepared By Jacob McCallie
 Qualified By Roger Martin
 Initial Test
 01 Oil

Test Type
 Formation
 Test Purpose
 Well Fluid Type
 H2S

Drill Stem Test
 DST #2 Viola 2626-2634'

Start Test Date 2013/05/10 Start Test Time 05:51:00
 Final Test Date 2013/05/10 Final Test Time 14:20:00

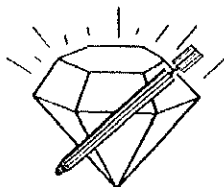
Remarks

RECOVERED:

	31'	GIP		
	186'	CO	100% O	GRAVITY: 33.5 @ 60 degrees F
	91'	SLOMCW	8% O 66% W 26% M	
	682'	OSSLMCW	2% O 86% W 12% M	
DC	180'	OSSLMCW	2% O 86% W 12% M	
	1139'	TOTAL FLUID		

PH: 7
 RW: .25 @ 78 degrees F
 Chlorides: 21,000 ppm

TOOL SAMPLE:
 2% O 97% W 1% M



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: kooglers107DST2

TIME ON: 05:51
 TIME OFF: 14:20

Company Vess Oil Corp. Lease & Well No. Koogler S #107
 Contractor C&G Rig #1 Charge to Vess Oil Corp.
 Elevation 1330 KB Formation Viola Effective Pay _____ Ft. Ticket No. S0327
 Date 5-10-13 Sec. 30 Twp. 26 S Range 5 E W County Butler State KANSAS
 Test Approved By Roger Martin Diamond Representative JACOB MCCALLIE
 Formation Test No. 2 Interval Tested from 2626 ft. to 2634 ft. Total Depth 2634 ft.

Packer Depth 2621 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

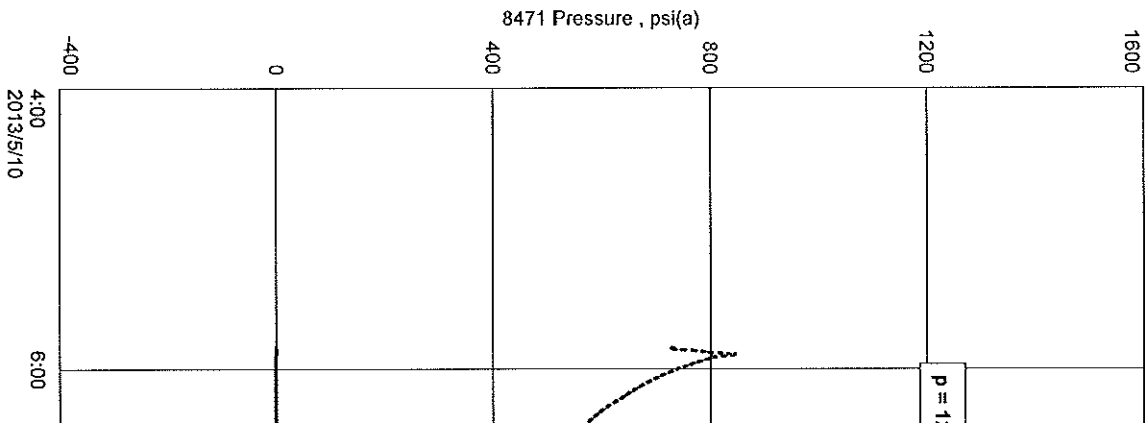
Top Recorder Depth (Inside) 2607 ft. Recorder Number 8471 Cap. 10000 P.S.I.
 Bottom Recorder Depth (Outside) 2631 ft. Recorder Number 3851 Cap. 5700 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Mud Type CHEMICAL Viscosity 51 Drill Collar Length 178 ft. I.D. 2 1/4 in.
 Weight 9.4 Water Loss 8.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 900 P.P.M. Drill Pipe Length 2415 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 3 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 8 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 4 FH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: 7 1/2" Blow- Built to BB in :43 seconds NOBB
 2nd Open: 1/2" Blow- Built to 4 1/4" in 45 min NOBB

Recovered <u>31</u> ft. of <u>GIP</u>	
Recovered <u>186</u> ft. of <u>CO</u> <u>100% O</u> GRAVITY: <u>33.5 @ 60 degrees F</u>	
Recovered <u>91</u> ft. of <u>SLOCMCW</u> <u>8% O 66% W 26% M</u>	
Recovered <u>682</u> ft. of <u>OSSLMCW</u> <u>2% O 86% W 12% M</u>	
Recovered <u>180</u> ft. of <u>OSSLMCW</u> <u>2% O 86% W 12% M</u>	Price Job
Recovered <u>1139</u> ft. of <u>TOTAL FLUID</u>	Other Charges
Remarks: <u>PH: 7 RW: .25 @ 78 degrees F CHLORIDES: 21,000 ppm</u>	Insurance
<u>TOOL SAMPLE: 2% O 97% W 1% M</u>	Total

Time Set Packer(s) 7:48 AM A.M. P.M. Time Started Off Bottom 10:48 AM A.M. P.M. Maximum Temperature 106
 Initial Hydrostatic Pressure..... (A) 1270 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 114 P.S.I. to (C) 490 P.S.I.
 Initial Closed In Period..... Minutes 45 (D) 497 P.S.I.
 Final Flow Period..... Minutes 45 (E) 488 P.S.I. to (F) 498 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 500 P.S.I.
 Final Hydrostatic Pressure..... (H) 1262 P.S.I.

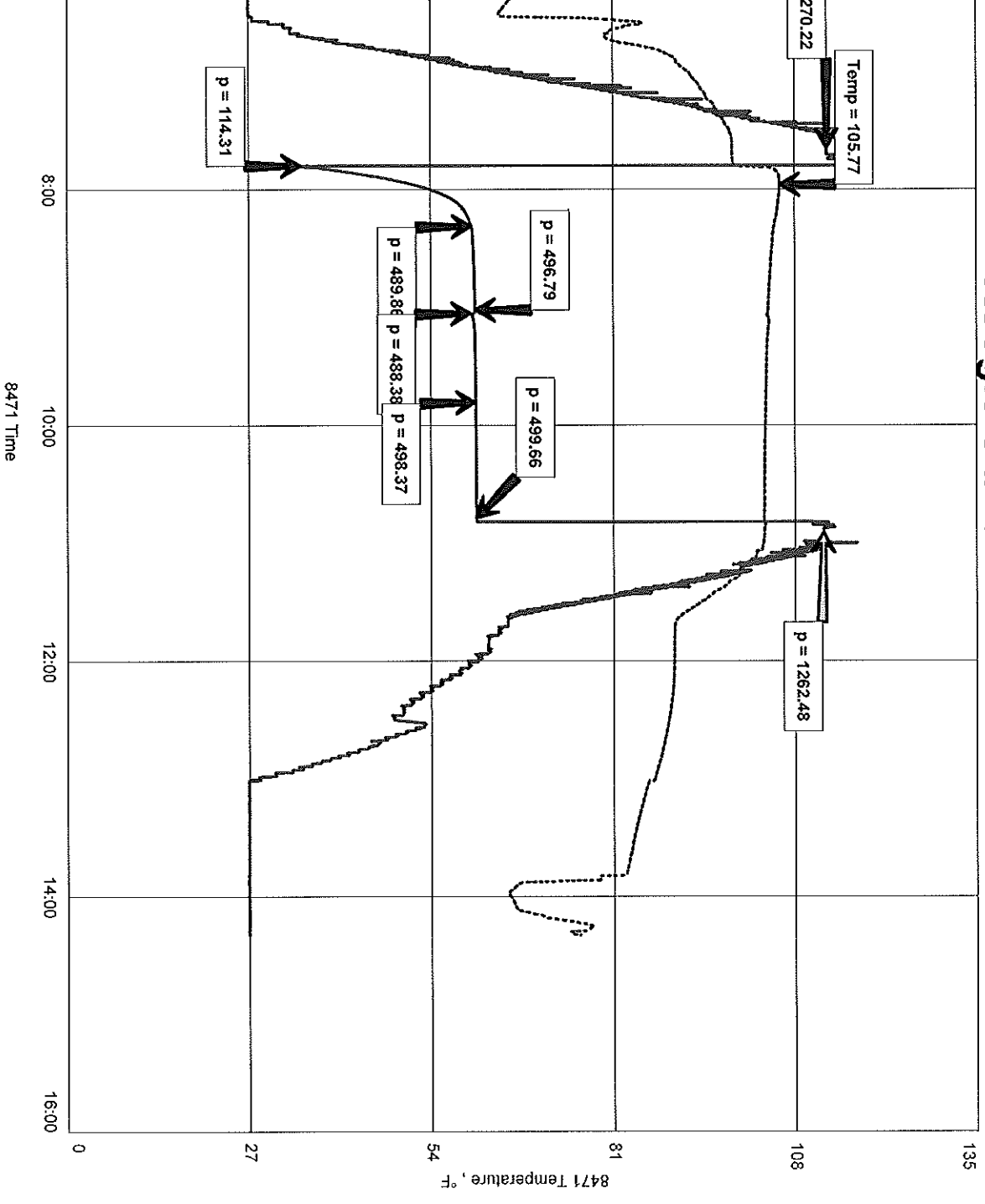
Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged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

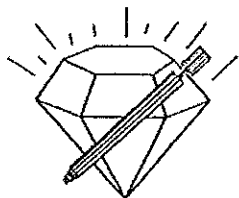


Yess Oil Corp.
 DST #2 Viola 2626-2634'
 Start Test Date: 2013/05/10
 Final Test Date: 2013/05/10

Koogle S #107

Koogle S #107
Formation: DST #2 Viola 2626-2634'
Pool: Infield
Job Number: S0327





DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
kooglers107DST1

Company Vess Oil Corporation Lease & Well No. Koogler "S" No. 107
Elevation 1330 KB Formation Viola Effective Pay Ft. Ticket No. S0326
Date 5-9-13 Sec. 30 Twp. 26S Range 5E County Butler State Kansas
Test Approved By Roger L. Martin Diamond Representative Jacob McCallie

Formation Test No. 1 Interval Tested from 2,501 ft. to 2,624 ft. Total Depth 2,624 ft.
Packer Depth 2,496 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 2,501 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 2,482 ft. Recorder Number 8471 Cap. 10,000 psi.
Bottom Recorder Depth (Outside) 2,621 ft. Recorder Number 3851 Cap. 5,700 psi.
Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor C & G Drilling Company - Rig 1 Drill Collar Length 89 ft I.D. 2 1/4 in.
Mud Type Chemical Viscosity 51 Weight Pipe Length ft I.D. in.
Weight 9.4 Water Loss 8.2 cc. Drill Pipe Length 2,379 ft I.D. 3 1/2 in.
Chlorides 900 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-FH in.
Jars: Make Sterling Serial Number 3 Anchor Length 35' perf. w/88' drill pipe Size 4 1/2-FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4-FH in.

Blow: 1st Open: Weak, 1/4 in. blow increasing to 3 ins. in 30 mins. No blow back during shut-in.
2nd Open: Weak surface blow increasing to 2 3/4 ins. in 45 mins. No blow back during shut-in.

Recovered 5 ft. of slightly oil specked mud = .054200 bbls. (Grind out: 100%-mud w/oil specks)
Recovered 90 ft. of slightly oil specked mud = .448720 bbls. (Grind out: 100%-mud w/oil specks)
Recovered 95 ft. of TOTAL FLUID = .502920 bbls.
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks Tool Sample Grind Out: 100%-mud with oil specks

Time Set Packer(s) 4:33 P.M. Time Started off Bottom 7:33 P.M. Maximum Temperature 103°
Initial Hydrostatic Pressure.....(A) 1219 P.S.I.
Initial Flow Period.....Minutes 30 (B) 8 P.S.I. to (C) 29 P.S.I.
Initial Closed In Period.....Minutes 45 (D) 439 P.S.I.
Final Flow Period.....Minutes 45 (E) 31 P.S.I. to (F) 55 P.S.I.
Final Closed In Period.....Minutes 60 (G) 438 P.S.I.
Final Hydrostatic Pressure.....(H) 1205 P.S.I.



DIAMOND TESTING
ROGER D. FRIEDLY - TESTER
CELL 620-793-2043

Company Name Vess Oil Corp.
 Contact Casey Coats
 Well Name Koogler S #107
 Unique Well ID DST #1 Viola 2501-2624'
 Surface Location SEC 30-26S-5E Butler County
 Field El Dorado

Test Information

Job Number S0326
 Test Unit 3
 Representative Jacob McCallie
 Well Operator Vess Oil Corp.
 Report Date 2013/05/09
 Prepared By Jacob McCallie
 Qualified By Roger Martin

Test Type Drill Stem Test
 Formation DST #1 Viola 2501-2624'
 Test Purpose Initial Test
 Well Fluid Type 01 Oil
 H2S

Start Test Date 2013/05/09 Start Test Time 14:14:00
 Final Test Date 2013/05/09 Final Test Time 22:32:00

Remarks

RECOVERED:

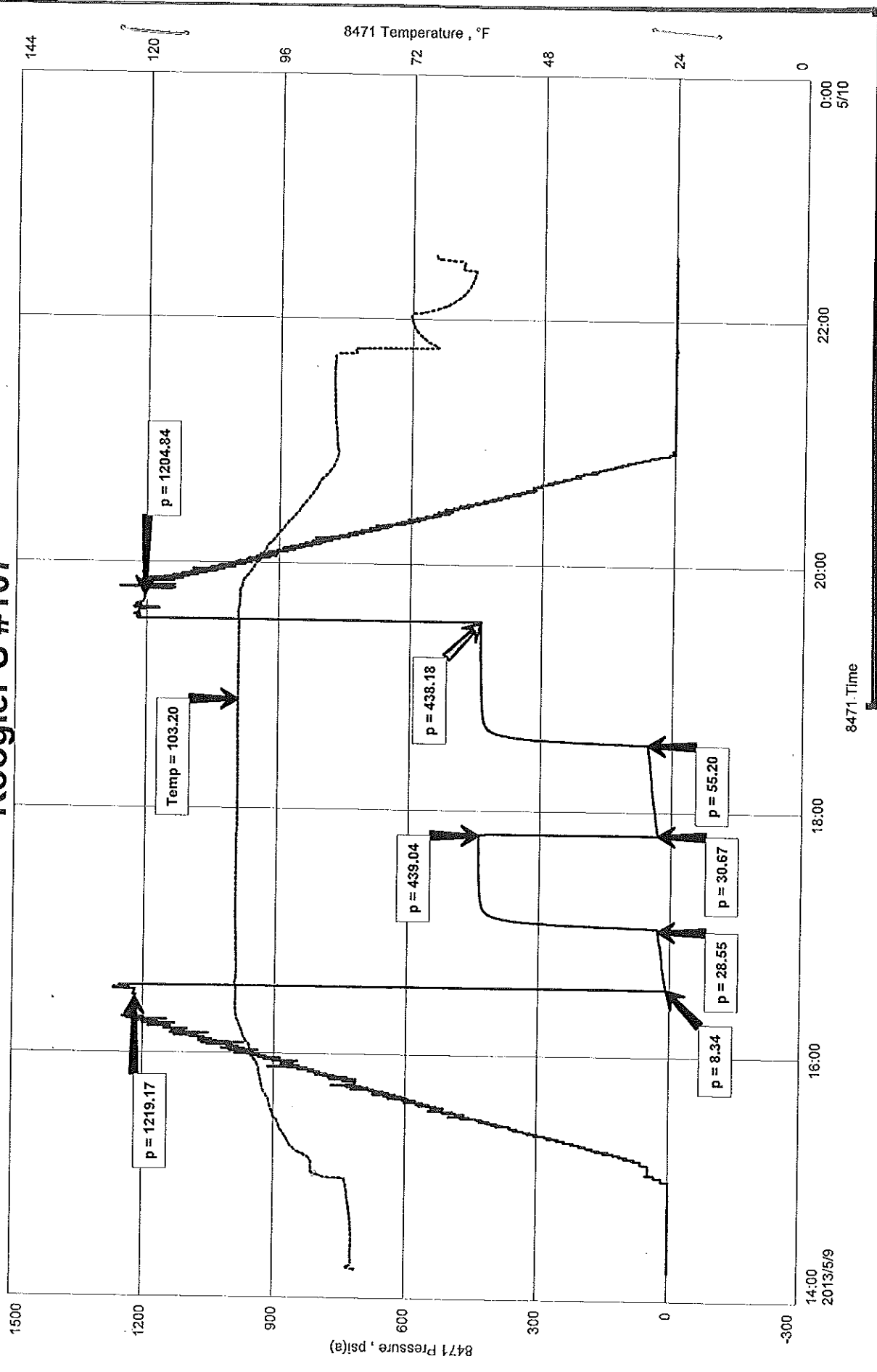
	5'	SLOSM	100% M (oil specks)
DC	90'	SLOSM	100% M (oil specks)
	95'	TOTAL FLUID	

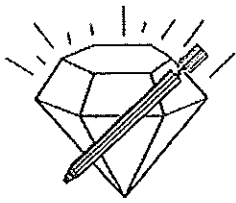
TOOL SAMPLE:

100% M (oil specks)

Vess Oil Corp.
 DST #1 Viola 2501-2624'
 Start Test Date: 2013/05/09
 Final Test Date: 2013/05/09

Koogler S #107
 Formation: DST #1 Viola 2501-2624'
 Pool: Infield
 Job Number: S0326





DIAMOND TESTING, LLC
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (620) 653-7550 • (800) 542-7313
 kooglers107DST2

Company Vess Oil Corporation Lease & Well No. Koogler "S" No. 107
 Elevation 1330 KB Formation Viola Effective Pay _____ Ft. Ticket No. S0327
 Date 5-10-13 Sec. 30 Twp. 26S Range 5E County Butler State Kansas
 Test Approved By Roger L. Martin Diamond Representative Jacob McCallie

Formation Test No. 2 Interval Tested from 2,626 ft. to 2,634 ft. Total Depth 2,634 ft.
 Packer Depth 2,621 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 2,626 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 2,607 ft. Recorder Number 8471 Cap. 10,000 psi.
 Bottom Recorder Depth (Outside) 2,631 ft. Recorder Number 3851 Cap. 5,700 psi.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor C & G Drilling Company - Rig 1 Drill Collar Length 178 ft I.D. 2 1/4 in.
 Mud Type Chemical Viscosity 51 Weight Pipe Length _____ ft I.D. _____ in.
 Weight 9.4 Water Loss 8.2 cc. Drill Pipe Length 2,415 ft I.D. 3 1/2 in.
 Chlorides 900 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in.
 Jars: Make Sterling Serial Number 3 Anchor Length 8 ft. Size 4 1/2-FH in.
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4-FH in.

Blow: 1st Open: Good, 7 1/2 in. blow increasing. Off bottom of bucket in 43 secs. No blow back during shut-in.

2nd Open: Weak, 1/2 in. blow increasing to 4 1/4 ins. in 45 mins. No blow back during shut-in.

Recovered 31 ft. of gas in pipe
 Recovered 186 ft. of clean oil = 2.016240 bbls. (Grind out: 100%-oil) Gravity: 33.5 @ 60°
 Recovered 91 ft. of slightly oil cut, mud cut water = .986440 bbls. (Grind out: 8%-oil; 66%-water; 26%-mud)
 Recovered 682 ft. of oil specked, slightly mud cut water = 7.392880 bbls. (Grind out: 2%-oil; 86%-water; 12%-mud)
 Recovered 180 ft. of oil specked, slightly mud cut water = .8974400 bbls. (Grind out: 2%-oil; 86%-water; 12%-mud) Chlorides: 21,000 Ppm PH: 7.0 RW: .25 @ 78°
 Recovered 1,139 ft. of TOTAL FLUID = 11.293000 bbls.
 Remarks Tool Sample Grind Out: 2%-oil; 97%-water; 1%-mud

Time Set Packer(s) 7:48 A.M. Time Started off Bottom 10:48 A.M. Maximum Temperature 106°
 Initial Hydrostatic Pressure.....(A) 1270 P.S.I.
 Initial Flow Period.....Minutes 30 (B) 114 P.S.I. to (C) 490 P.S.I.
 Initial Closed In Period.....Minutes 45 (D) 497 P.S.I.
 Final Flow Period.....Minutes 45 (E) 488 P.S.I. to (F) 498 P.S.I.
 Final Closed In Period.....Minutes 60 (G) 500 P.S.I.
 Final Hydrostatic Pressure.....(H) 1262 P.S.I.



DIAMOND TESTING
ROGER D. FRIEDLY - TESTER
CELL 620-793-2043

Company Name Vess Oil Corp.
 Contact Casey Coats
 Well Name Koogler S #107
 Unique Well ID DST #2 Viola 2626-2634'
 Surface Location SEC 30-26S-5E Butler County
 Field Eldorado

Test Information

Job Number S0327
 Test Unit 3
 Representative Jacob McCallie
 Well Operator Vess Oil Corp.
 Report Date 2013/05/10
 Prepared By Jacob McCallie
 Qualified By Roger Martin

Test Type Drill Stem Test
 Formation DST #2 Viola 2626-2634'
 Test Purpose Initial Test
 Well Fluid Type 01 Oil
 H2S

Start Test Date 2013/05/10 Start Test Time 05:51:00
 Final Test Date 2013/05/10 Final Test Time 14:20:00

Remarks

RECOVERED:

	31'	GIF		
	186'	CO	100% O	GRAVITY: 33.5 @ 60 degrees F
	91'	SLOCMCW	8% O 66% W 26% M	
	682'	OSSLMCW	2% O 86% W 12% M	
DC	180'	OSSLMCW	2% O 86% W 12% M	
	1139'	TOTAL FLUID		

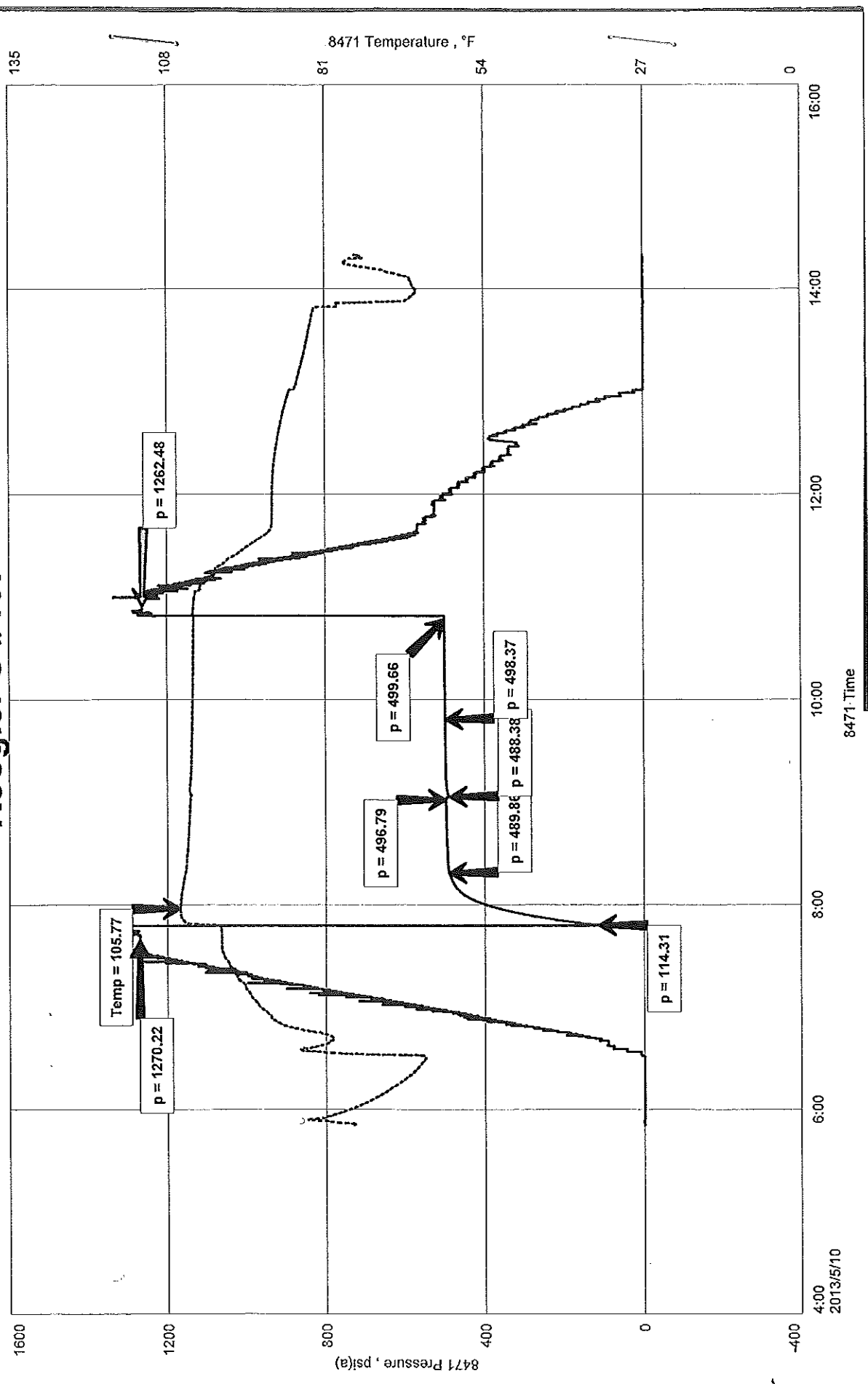
PH: 7
 RW: .25 @ 78 degrees F
 Chlorides: 21,000 ppm

TOOL SAMPLE:
 2% O 97% W 1% M

Vess Oil Corp.
 DST #2 Viola 2626-2634'
 Start Test Date: 2013/05/10
 Final Test Date: 2013/05/10

Formation: DST #2 Viola 2626-2634'
 Pool: Infield
 Job Number: S0327

Coogler S #107



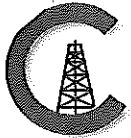
ATTACHMENT TO ACO-01

Koogler S-107 – API #15-015-23971-00-00
 5'FEL, 330'FSL
 Sec. 30-26S-05E
 Butler County, KS

	<u>SAMPLE TOPS</u>	<u>LOG TOPS</u>
LANSING	1758 -428	1756 -426
K C	2059 -729	2057 -727
STARK		2163 -833
B/KC	2234 -904	2230 -900
CHEC/BD	2290 960	2289 959
HEPLER SD	2305 -975 NS	2304 -974
CHEROKEE	2420 -1090	2420 -1090
ARDMORE	2494 -1164	2494 -1164
VIOLA	2621 -1291	2622 -1292
PTD	2634 -1304	2636 -1306

DST #1 2501 - 2624 **Zone:** Viola (zone: 2621-24)
Times: 30-45-45-60
1st open: ¼" blow, built to 3" in 30 min No BB
2nd open: WSB-built to 2 ¾" IN 45 min
Rec: 95' mud (oil specks)
Tool: 100% mud(oil specks)
IFP: 8 - 29 **FFP:** 31 - 55
ISIP: 439 **FSIP:** 438
IHP: 1219 **FHP:** 1205 **TEMP:** 103 degrees

DST #2 2626-2634 **Zone:** Viola (zone: best pay:2629-34)
Times: 30-45-45-60
1st open: Bottom of bucket in 43 sec No BB
2nd open: Built to ONLY 4 ½"(to static) No BB
Rec: 1139' TF: 31' GIP, 186' CO(33.5 gravity), 91' SLOOCMCW(8-O, 66-W, 26-M)
 682' OSSLMCW(2-O,86-W, 12-M) 180' OSSLMCW(2-O, 86-W, 12-M)
Tool: 2-O, 97-W, 1-M Chlorides=21000 (formation)
IFP: 114-490 **FFP:** 488-498
ISIP: 490 **FSIP:** 500
IHP: 1270 **FHP:** 1262 **TEMP:** 106 degrees



CONSOLIDATED
Oil Well Services, LLC

MAY 18 2013

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE

Invoice # 258777

Invoice Date: 05/14/2013 Terms: 0/0/30,n/30

Page 1

VESS OIL CORPORATION
1700 WATER FRONT PKWAY BLD 500
WICHITA KS 67206
(316) 682-1537

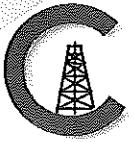
KOGLER S #107
38604
30-26-5E
05-06-13
KS

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	150.00	14.9500	2242.50
1102	CALCIUM CHLORIDE (50#)	400.00	.7400	296.00
1107	FLO-SEAL (25#)	50.00	2.3500	117.50
Description		Hours	Unit Price	Total
491	MIN. BULK DELIVERY	1.00	350.00	350.00
603	CEMENT PUMP (SURFACE)	1.00	825.00	825.00
603	EQUIPMENT MILEAGE (ONE WAY)	.00	4.00	.00

Parts:	2656.00	Freight:	.00	Tax:	173.97	AR	4004.97
Labor:	.00	Misc:	.00	Total:	4004.97		
Sublt:	.00	Supplies:	.00	Change:	.00		

Signed _____

Date _____



CONSOLIDATED
Oil Well Services, LLC

MAY 16 2013

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE

Invoice # 258776

Invoice Date: 05/14/2013 Terms: 0/0/30,n/30

Page 1

VESS OIL CORPORATION
1700 WATER FRONT PKWAY BLD 500
WICHITA KS 67206
(316) 682-1537

KOGLER S #107
38610
30-26-5E
05-10-13
KS

Part Number	Description	Qty	Unit Price	Total
1126A	THICK SET CEMENT	125.00	19.2000	2400.00
1110A	KOL SEAL (50# BAG)	650.00	.4600	299.00
1144G	MUD FLUSH (SALE)	500.00	1.0500	525.00
4454	5 1/2" LATCH DOWN PLUG	1.00	254.0000	254.00
4253	TYPE A PACKER SHOE61/2X6	1.00	1584.0000	1584.00
4104	CEMENT BASKET 5 1/2"	1.00	276.0000	276.00
4130	CENTRALIZER 5 1/2"	6.00	48.0000	288.00

Description	Hours	Unit Price	Total
491 MIN. BULK DELIVERY	1.00	350.00	350.00
603 CEMENT PUMP	1.00	1030.00	1030.00
603 EQUIPMENT MILEAGE (ONE WAY)	.00	4.00	.00

Parts: 5626.00 Freight: .00 Tax: 368.50 AR 7374.50
 Labor: .00 Misc: .00 Total: 7374.50
 Sublt: .00 Supplies: .00 Change: .00

Signed _____

Date _____

