

ATTACHMENT TO ACO-1

Koogler A-302
 500'FEL, 330'FSL
 Sec. 20-26S-05E
 Butler County, KS

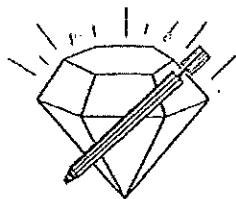
	#302 Samples KB 1312	#302 Log Tops KB 1312
LANSING	1726 -414	1623 -311
K C	2036 -724	2034 -722
STARK	2139 -827	2137 -825
B/KC	2205 -893	2205 -893
CHEC/BD	2271 -959	2269 -957
ALTAMONT	2326 -1014	2319 -1007
CHEROKEE	2402 -1090	2399 -1087
ARDMORE	2476 -1164	2475 -1163
VIOLA	2579 -1267	2579 -1267
SIMPSON	2595 -1283	
SIMP SAND	2595 -1283	
PTD	2604 -1292	2584 -1272

DST #1 2483-2580 **Zone:** Viola (zone:2579-80)
Times: 30-45-45-60
1st open: ¼" blow, built to 1 ½" in 30 min.
2nd open: No blow, built to 1" in 45 min.
Rec: 62' mud w/few oil spots. Charts indicate slight formation damage
Tool: 100% Mud with a few oil specks.

IFP: 7.6 – 19.8 **FFP:** 20.7 – 34.7
ISIP: 358 **FSIP:** 358
IHP: 1225 **FHP:** 1214 **TEMP.** 98.7 degrees F

DST#2 2482-2584 **Zone:** Viola (2579-2584)
Times: 30-45-45-60
1st open: ½" blow built to BOB in 16 ¼" min.
2nd open: Weak surface blow built to BOB in 20 min.
Rec: 349' TF: 105' mud + 124' SIWCM w/few oil specks (10% W, 90% M) + DC
 120' SIWCM w/few oil specks (16% W, 84% M). Charts indicate formation damage.

IFP: 11.2 – 105 **FFP:** 108 - 174
ISIP: 358 **FSIP:** 361
IHP: 1217 **FHP:** 1213 **TEMP:** 97.5 degrees F



DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
kooglera302dst1

Company Vess Oil Corporation Lease & Well No. Koogler "A" No. 302
Elevation 1312 KB Formation Viola Effective Pay _____ Ft. Ticket No. S0324
Date 5-3-13 Sec. 20 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 2,483 ft. to 2,580 ft. Total Depth 2,580 ft.
Packer Depth 2,478 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 2,483 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

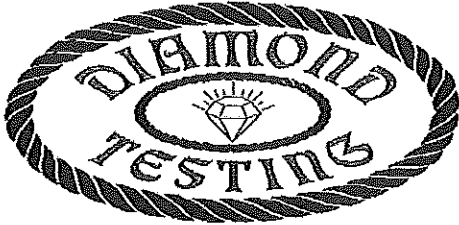
Top Recorder Depth (Inside) 2,464 ft. Recorder Number 8471 Cap. 10,000 psi.
Bottom Recorder Depth (Outside) 2,577 ft. Recorder Number 3851 Cap. 5,700 psi.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor C & G Drilling Company - Rig 1 Drill Collar Length 119 ft I.D. 2 1/4 in.
Mud Type Chemical Viscosity 55 Weight Pipe Length _____ ft I.D. _____ in.
Weight 9.4 Water Loss 9.4 cc. Drill Pipe Length 2,331 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 39' perf. w/58' 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 1 1/2 ins. in 30 mins. No blow back during shut-in.
2nd Open: No blow increasing to 1 in. in 45 mins. No blow back during shut-in.

Recovered 62 ft. of slightly oil specked mud = .305040 bbls. (Grind out: 100%-mud w/a few oil specks)
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks Tool Sample Grind Out: 100%-mud with a few oil specks

Time Set Packer(s) 8:30 P.M. Time Started off Bottom 11:30 P.M. Maximum Temperature 99°
Initial Hydrostatic Pressure.....(A) 1225 P.S.I.
Initial Flow Period.....Minutes 30 (B) 8 P.S.I. to (C) 20 P.S.I.
Initial Closed In Period.....Minutes 45 (D) 358 P.S.I.
Final Flow Period.....Minutes 45 (E) 21 P.S.I. to (F) 35 P.S.I.
Final Closed In Period.....Minutes 60 (G) 358 P.S.I.
Final Hydrostatic Pressure.....(H) 1214 P.S.I.



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

Company Name Vess Oil Corp.
 Contact Casey Coats
 Well Name Koogler A #302
 Unique Well ID DST #1 Viola 2483-2580'
 Surface Location SEC 20-26S-5 E Butler County
 Field EI Dorado

Job Number S0324
 Test Unit 3
 Representative Jacob McCallie
 Well Operator Vess Oil Corp.
 Report Date 2013/05/03
 Prepared By Jacob McCallie
 Qualified By Roger Martin

Test Information

Test Type Drill Stem Test
 Formation DST #1 Viola 2483-2580'
 Test Purpose Initial Test
 Well Fluid Type 01 Oil
 H2S

Start Test Date 2013/05/03 Start Test Time 17:43:00
 Final Test Date 2013/05/04 Final Test Time 02:19:00

Remarks

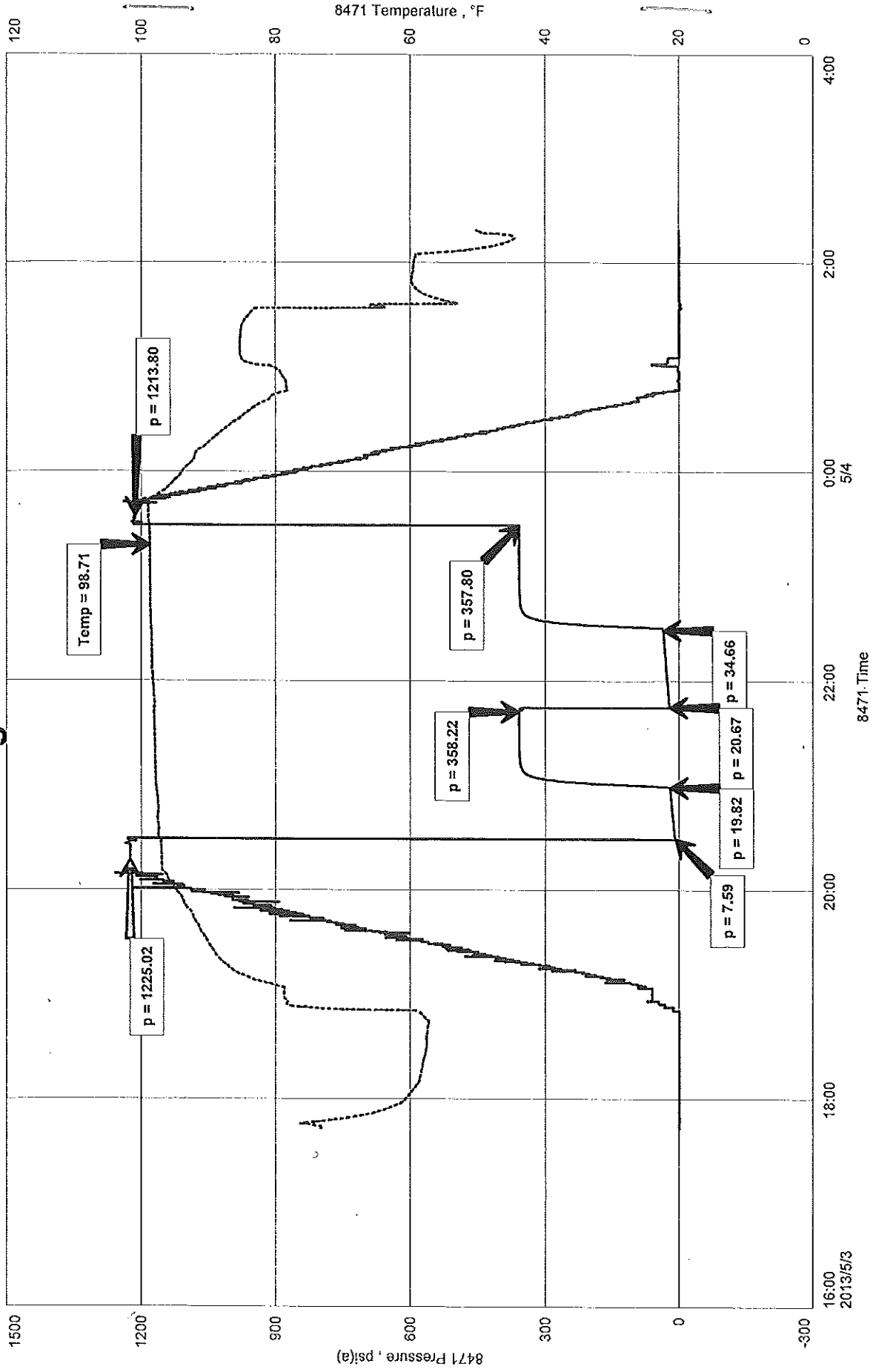
RECOVERED:
 62' SLOSM 100% M (few oil specks)

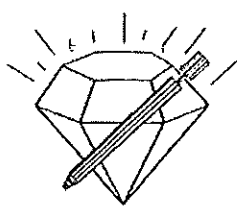
TOOL SAMPLE:
 100% M (few oil specks)

Koogler A #302
 Formation: DST #1 Viola 2483-2580'
 Pool: In Field
 Job Number: S0324

Vess Oil Corp.
 DST #1 Viola 2483-2580'
 Start Test Date: 2013/05/03
 Final Test Date: 2013/05/04

Koogler A #302





DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
kooglera302dst2

Company Vess Oil Corporation Lease & Well No. Koogler "A" No. 302
Elevation 1312 KB Formation Viola Effective Pay _____ Ft. Ticket No. S0325
Date 5-4-13 Sec. 20 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 2,482 ft. to 2,584 ft. Total Depth 2,584 ft.
Packer Depth 2,477 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 2,482 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 2,463 ft. Recorder Number 8471 Cap. 10,000 psi.
Bottom Recorder Depth (Outside) 2,581 ft. Recorder Number 3851 Cap. 5,700 psi.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

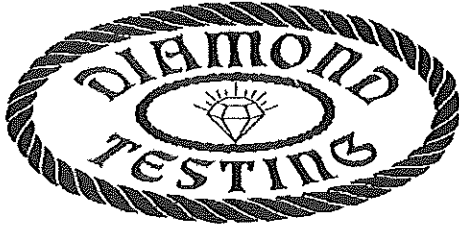
Drilling Contractor C & G Drilling Company - Rig 1 Drill Collar Length 119 ft I.D. 2 1/4 in.
Mud Type Chemical Viscosity 55 Weight Pipe Length _____ ft I.D. _____ in.
Weight 9.4 Water Loss 9.4 cc. Drill Pipe Length 2,330 ft I.D. 3 1/2 in.
Chlorides 900 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number 3 Anchor Length 44' perf. w/58' 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, 1/2 in. blow increasing. Off bottom of bucket in 16 1/4 mins. No blow back during shut-in.
2nd Open: Weak surface blow increasing. Off bottom of bucket in 20 mins. No blow back during shut-in.

Recovered 105 ft. of mud = 1.138200 bbls. (Grind out: 100%-mud)
Recovered 124 ft. of slightly water cut mud w/a few oil specks = 1.344160 bbls. (Grind out: 10%-water; 90%-mud)
Recovered 120 ft. of slightly water cut mud w/a few oil specks = .596320 bbls. (Grind out: 16%-water; 84%-mud) Chlorides: 10,000 Ppm PH: 7.0 RW: .90 @ 45°
Recovered 349 ft. of TOTAL FLUID = 3.078680 bbls.
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks Tool Sample Grind Out: 25%-water; 75%-mud with a few oil specks

Time Set Packer(s) 10:22 A.M. Time Started off Bottom 1:22 P.M. Maximum Temperature 98°
Initial Hydrostatic Pressure.....(A) 1217 P.S.I.
Initial Flow Period.....Minutes 30 (B) 11 P.S.I. to (C) 105 P.S.I.
Initial Closed In Period.....Minutes 45 (D) 358 P.S.I.
Final Flow Period.....Minutes 45 (E) 108 P.S.I. to (F) 174 P.S.I.
Final Closed In Period.....Minutes 60 (G) 361 P.S.I.
Final Hydrostatic Pressure.....(H) 1213 P.S.I.



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

Company Name Vess Oil Corp.
 Contact Casey Coats
 Well Name Koogler A #302
 Unique Well ID DST #2 Viola 2482-2584'
 Surface Location SEC 20-26S-5E Butler County
 Field EI Dorado

Job Number S0325
 Test Unit 3
 Representative Jacob McCallie
 Well Operator Vess Oil Corp.
 Report Date 2013/05/04
 Prepared By Jacob McCallie
 Qualified By Roger Martin

Test Information

Test Type Drill Stem Test
 Formation DST #2 Viola 2482-2584'
 Test Purpose Initial Test
 Well Fluid Type 01 Oil
 H2S

Start Test Date 2013/05/04 Start Test Time 08:05:00
 Final Test Date 2013/05/04 Final Test Time 16:24:00

Remarks

RECOVERED:

	105'	M	100% M
	124'	SLWCM	10% W 90% M (few oil specks)
DC	120'	SLWCM	16% W 84% M (few oil specks)
	349'	TOTAL FLUID	

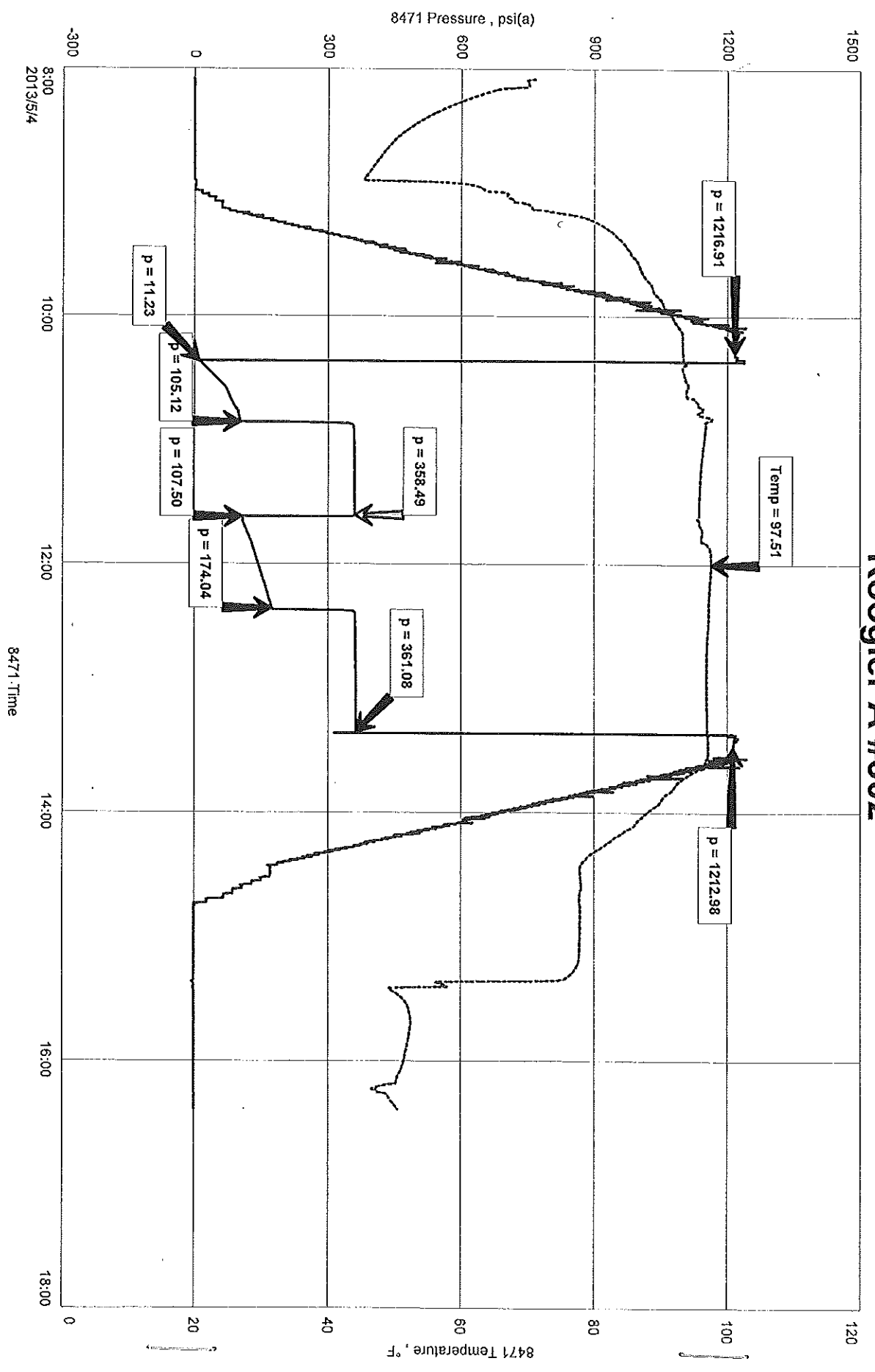
PH: 7
 RW: .9 @ 45 degrees F
 Chlorides: 10,000 ppm

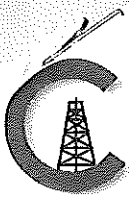
TOOL SAMPLE:
 25% W 75% M (few oil specks)

Vess Oil Corp.
 DST #2 Viola 2482-2584'
 Start Test Date: 2013/05/04
 Final Test Date: 2013/05/04

Koogler A #302

Koogler A #302
 Formation: DST #2 Viola 2482-2584'
 Pool: Infield
 Job Number: S0325





CONSOLIDATED
Oil Well Services, LLC

MAY 06 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 # 258472

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Invoice Date: 04/30/2013 Terms: 0/0/30,n/30 Page 1
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VESS OIL CORPORATION
1700 WATER FRONT PKWAY BLD 500
WICHITA KS 67206
(316) 682-1537

KOOGLER A #302
38600
20-26-5E
04-30-13
KS

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	187.00	14.9500	2795.65
1102	CALCIUM CHLORIDE (50#)	480.00	.7400	355.20
1107	FLO-SEAL (25#)	140.00	2.3500	329.00
4106	8 5/8" CEMENT BASKET	1.00	320.0000	320.00
	Description	Hours	Unit Price	Total
467	CEMENT PUMP (SURFACE)	1.00	825.00	825.00
467	EQUIPMENT MILEAGE (ONE WAY)	7.00	4.00	28.00
502	MIN. BULK DELIVERY	1.00	350.00	350.00

=====
Parts: 3799.85 Freight: .00 Tax: 248.90 AR 5251.75
Labor: .00 Misc: .00 Total: 5251.75
Sublt: .00 Supplies: .00 Change: .00
=====

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

ENTERED

TICKET NUMBER 38600
LOCATION 180
FOREMAN Jacob Storm

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-30-13	8511	Roogler A #302	20	26	5E	Butler
CUSTOMER vees oil		Salty mud SE Rm				
MAILING ADDRESS 1700 waterfront Parkway Bldg 500			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY wichita			462	Don		
STATE KS			502	Steve		
ZIP CODE 67206		702	Jacob			

JOB TYPE Surface B HOLE SIZE 12 1/4 HOLE DEPTH 266 CASING SIZE & WEIGHT 8 5/8
CASING DEPTH 256 DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT 14 lb SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
DISPLACEMENT 16 bbl DISPLACEMENT PSI 300 MIX PSI 100 RATE 2 bpm

REMARKS: Salty mud, mixed 150 sks class A 3 1/2 cc, 3/4 lb poly displaced with 15 bbl did not circulate, cement ran 14" on backside found cement at 15 ft mixed 37 sks class A 3 1/2 cc 3/4 lb poly, circulating cement to surface

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	825.00	825.00
5406	7	MILEAGE	4.00	28.00
5407	1	min bulk delivery	350.00	350.00
1104 S	187	class A	14.95	2795.65
1102	480	calcium chloride	.74	355.20
1102	140	poly - Flake	2.35	329.00
4106	1	8 5/8 Basket	320.00	320.00
			Subtotal	5002.85
			SALES TAX	248.90
			ESTIMATED TOTAL	5251.15

Ravin 3737

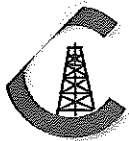
058412

AUTHORIZATION Cotton

TITLE _____

DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



CONSOLIDATED
Oil Well Services, LLC

MAY 13 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 # 258604

=====
Invoice Date: 05/08/2013 Terms: 0/0/30,n/30 Page 1

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

KOOGLER A #302
38603
20-26-5E
05-04-13
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
4104	CEMENT BASKET 5 1/2"	1.00	276.0000	276.00
4130	CENTRALIZER 5 1/2"	6.00	48.0000	288.00
4454	5 1/2" LATCH DOWN PLUG	1.00	254.0000	254.00
4253	TYPE A PACKER SHOE 6 1/2 X 6	1.00	1584.0000	1584.00

Description Hours Unit Price Total

603	CEMENT PUMP	1.00	1030.00	1030.00
603	EQUIPMENT MILEAGE (ONE WAY)	.00	4.00	.00
681	MIN. BULK DELIVERY	1.00	350.00	350.00

=====
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 _____

BARTLESVILLE, OK EL DORADO, KS EUREKA, KS PONCA CITY, OK OAKLEY, KS OTTAWA, KS THAYER, KS GILLETTE, WY CUSHING, OK
918/338-0808 316/322-7022 620/583-7664 580/762-2303 785/672-8822 785/242-4044 620/839-5269 307/686-4914 918/225-2650



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 38603

LOCATION B-13

FOREMAN Jacob Smith

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

CEMENT AP 15-015-23977

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
<u>5-4-13</u>	<u>85011</u>	<u>Kogler A #1302</u>	<u>22</u>	<u>71</u>	<u>51</u>	<u>Betty</u>

CUSTOMER				TRUCK #	DRIVER	TRUCK #	DRIVER
<u>VECA</u>				<u>600</u>	<u>JEFF</u>		
MAILING ADDRESS				<u>601</u>	<u>MARK</u>		
<u>1700 Industrial Rd</u>				<u>732</u>	<u>KEVIN</u>		
CITY	STATE	ZIP CODE					
<u>Chanute</u>	<u>KS</u>	<u>66720</u>					

JOB TYPE <u>Completion</u>	NOLE SIZE <u>2 7/8</u>	HOLE DEPTH <u>2084</u>	CASING SIZE & WEIGHT <u>5 1/2 15.5</u>
CASING DEPTH <u>500</u>	DRILL PIPE	TUBING	OTHER <u>12 1/4 5000</u>
SLURRY WEIGHT <u>12.15</u>	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING <u>12.14</u>
DISPLACEMENT <u>6.32</u>	DISPLACEMENT PSI	MIX PSI	RATE <u>6.32 bpm</u>

REMARKS: Sector mud pump 1 1/2 hrs. 3 in. gauge pressure. Cement
30 min. pump 500 gal/min. cement. Pulver. 500 gal. mix 12.5 slurry
Use 12 1/4 inch casing. Displacement 6.32 bpm. 12.14 bpm
at 110 gal. cement. Total 12.14 bpm.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
<u>5401</u>	<u>1</u>	<u>PUMP CHARGE</u>	<u>1030.00</u>	<u>1030.00</u>
<u>544</u>	<u>53</u>	<u>MILEAGE</u>	<u>4.00</u>	<u>2120.00</u>
<u>547</u>	<u>1</u>	<u>1 1/2 gal. oil</u>	<u>350.00</u>	<u>350.00</u>
<u>1126-A</u>	<u>12.5</u>	<u>nick set</u>	<u>19.20</u>	<u>240.00</u>
<u>1100-A</u>	<u>6</u>	<u>1 1/2 in. pipe</u>	<u>46.50</u>	<u>279.00</u>
<u>1144C</u>	<u>500</u>	<u>Dv 11.5</u>	<u>1.05</u>	<u>525.00</u>
<u>4101</u>	<u>1</u>	<u>5/8 inch dia. (1000 gal. cement)</u>	<u>276.00</u>	<u>276.00</u>
<u>4130</u>	<u>6</u>	<u>5/8 inch cc pipe</u>	<u>4.00</u>	<u>24.00</u>
<u>4451</u>	<u>1</u>	<u>5/8 inch lead down pipe</u>	<u>254.00</u>	<u>254.00</u>
<u>4295</u>	<u>1</u>	<u>5/8 inch Type A roller shoe</u>	<u>1521.00</u>	<u>1521.00</u>
			<u>Sub total</u>	<u>7008.00</u>
			SALES TAX	
			ESTIMATED	
			TOTAL	

RAVIN 3737

AUTHORIZATION [Signature] TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form