TSA,Inc.	MECHANICAL INTEGRITY TEST	EPA
6551 S. Revere Pkwy., Suite 215 Centennial, CO 80111 (303) 969-0685 KY (606) 737-9083 IN (317) 888-4734		REGION IV 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

OPERATOR	Roseclare	EPA ID NUMBER	2250142
CONTACT NAME	Danny	LEASE/WELL NAME	R.Y.D. #9
ADDRESS	57 Judith LN	EPA PERMIT NUMBER	N/A
Terra Haute IN 47802		STATE PERMIT NUMBER	712W
PHONE NUMBER	270·389·0911	DOW REGISTRY NUMBER	2250047
RULE AUTHORIZED	YES ☒ NO ☐	OPERATOR NAME ON TANK BATTERY	yes

WELL LOCATION			
STATE	Ky	LATITUDE N	37.788561
COUNTY	Union	LONGITUDE W	87.916785
CARTER CORRDINATE	11 P 19	ELEVATION GPS	349
FNL ☐ FSL ☐	1900	FEL ☐ FWL ☐	50

WELL COMPLETION

WELL TYPE (CODE) 2 ☒ or 5 ___ TOTAL DEPTH N/A FT. SURFACE ELEV. 349 FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE	10 3/4"	125'	100 sx	
INTERMEDIATE				
PRODUCTION	5 1/2"	1812'	650 sx	SFC
TUBING	2 3/8"	//////////	//////////	//////////

TOP OF CEMENT CALCULATED FROM RECORDS ☒ CBL ☐ REMEDIAL ☐

PACKER TYPE	Baker	INJECTION FORMATION	//////////
PACKER DEPTH	1689'	FORMATION NAME	Waltersburg/Tar Springs
PERFORATIONS	1720'-1740' 1817'-1825'	TOP ELEVATION	1720'

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)
produced	Treated	105	1000

WELL STATUS [CONNECTED Y ☒ N ☐ SHUT IN ☐ INJECTING Y ☒ N ☐ ACTIVE ☒

WELL TYPE [CASING INJECTOR ☐ TUBING AND PACKER ☒

<AC ☒ <TA ☐ <SI ☐ <PA ☐ <AN ☐ <CP ☐ <UC ☐ <NC ☐ <AB ☐ <DE ☐ <PR

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
300	299	-1	30

COMMENTS (N/A= INFORMATION NOT AVAILABLE)

p/p ok

FIRM REPRESENTATIVE	DATE	UIC INSPECTOR (TSA, Inc.)
Danny Lewis	8·25·04	[signature]

CMH

STANDARD ANNULAR PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR Roseclare Oil Company EPA ID NO. KYS 2250152

ADDRESS 57 Judith Lane EPA PERMIT NO.

Terre Haute, IN LEASE/WELL NO. M.S. Rankin #11

PHONE NO. 812-234-2830 STATE/ PERMIT NO.

_____ fnl _____ fel 660 - Q - 660 COUNTY _____ FIELD _____
fsl fwl

LATITUDE ___°___'___" LONGITUDE ___°___'___" ELEVATION _____ FT.
37.86124 87.90984

WELL COMPLETION

WELL TYPE(CODE)2_____ TOTAL DEPTH_____FT. SURFACE ELEV._____FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE	8 5/8	110	280	
INTERMEDIATE				
PRODUCTION	5 1/2	1806	500	
TUBING	2 3/8	//////////	//////////	//////////

TOP OF CEMENT CALCULATED FROM RECORDS CBL REMEDIAL

PACKER TYPE		INJECTION FORMATION	//////////
PACKER DEPTH		FORMATION NAME	WALTERS BURG
PERFORATIONS	1813 - 57	TOP ELEVATION	

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)

WELL STATUS: SHUT IN ☐ ACTIVE ☒

WELL TYPE: CASING INJECTOR ☐ TUBING AND PACKER ☒

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
307	300	-7	30

COMMENTS (N/A= INFORMATION NOT AVAILABLE)

E&I - Pcks wm

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
[signature]	9-16-08	W. Mann

STANDARD ANNULAR PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR Roseclare Oil Company EPA ID NO. KYS 225 0137

ADDRESS 57 Judith Lane EPA PERMIT NO.

Terre Haute, IN LEASE/WELL NO. Inez Rhea #2

PHONE NO. 812-234-2830 STATE/ PERMIT NO.

100 fnl (fsl) 330 fel (fwl) 11 . P . 19 COUNTY Union FIELD

LATITUDE ___°___'___" LONGITUDE ___°___'___" ELEVATION ___ FT.

37.79285 -87.91891

WELL COMPLETION

WELL TYPE(CODE)2 ___ TOTAL DEPTH ___ FT. SURFACE ELEV. ___ FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE	8 5/8	160	75	
INTERMEDIATE				
PRODUCTION	5½	2150	250	
TUBING	2 3/8	//////////	//////////	//////////

TOP OF CEMENT CALCULATED FROM RECORDS CBL REMEDIAL

PACKER TYPE		INJECTION FORMATION	//////////
PACKER DEPTH	1791	FORMATION NAME	
PERFORATIONS	1824-43 TAR SPRINGS	TOP ELEVATION	2169-85 CYPRESS

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)

WELL STATUS: SHUT IN ☐ ACTIVE ☒

WELL TYPE: CASING INJECTOR TUBING AND PACKER ☒

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
300	300 –	0 –	30

COMMENTS (N/A= INFORMATION NOT AVAILABLE)

1 x E pals vom

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
[illegible]	9/16/08	W. Mann

STANDARD ANNULAR PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR Roseclare Oil Company EPA ID NO. KYS 2250136

ADDRESS 57 Judith Lane EPA PERMIT NO.

Terre Haute, IN LEASE/WELL NO. Nancy Biggs #19

PHONE NO. 812-234-2830 STATE/ PERMIT NO.

____ fnl ____ fel 11 . P . 19 COUNTY Union FIELD
fsl fwl

LATITUDE ____°____'____" LONGITUDE ____°____'____" ELEVATION ____ FT.
37.78531 -87.93053

WELL COMPLETION

WELL TYPE(CODE)2____ TOTAL DEPTH____FT. SURFACE ELEV.____FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE	10 3/4	116	100	
INTERMEDIATE				
PRODUCTION	5 1/2	1812	200	
TUBING	2 3/8	//////////	//////////	//////////

TOP OF CEMENT CALCULATED FROM RECORDS CBL REMEDIAL

PACKER TYPE		INJECTION FORMATION	//////////
PACKER DEPTH	1710	FORMATION NAME	
PERFORATIONS	1731-42 WALTERSBURG	TOP ELEVATION	1830-50 TAR SPRINGS

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)
Brine	Brine		

WELL STATUS: SHUT IN ☐ ACTIVE ☒

WELL TYPE: CASING INJECTOR ☐ TUBING AND PACKER ☒

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
320	320	0 —	30

COMMENTS (N/A= INFORMATION NOT AVAILABLE)

I+E / pass com

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
[illegible signature]	9/17/08	W. Mann

STANDARD ANNULAR PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR Rosecl are Oil EPA ID NO. 2250212

ADDRESS 57 Judith Lane EPA PERMIT NO. —

Terre Haute, IN LEASE/WELL NO. Highland Creek Coal #1

PHONE NO. 270-389-0911 STATE/ PERMIT NO. 1462-W

70 (fnl) fsl 990 fel (fwl) 16 - P - 20 COUNTY Union FIELD

LATITUDE ___ ° ___ ' ___ " LONGITUDE ___ ° ___ ' ___ " ELEVATION ___ FT.

N. 37.78043 W 87.91433

WELL COMPLETION

WELL TYPE(CODE)2 ___ TOTAL DEPTH ___ FT. SURFACE ELEV. ___ FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE	8 5/8	355	225 sks	
INTERMEDIATE	5 1/2	1864	300 sks	
PRODUCTION	4 1/2	1325' on packer -		
TUBING	2 3/8			

TOP OF CEMENT CALCULATED FROM RECORDS CBL REMEDIAL

PACKER TYPE		INJECTION FORMATION	
PACKER DEPTH	1300	FORMATION NAME	Penn. Sand
PERFORATIONS	1360-1452 OH	TOP ELEVATION	

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)
Produced Brine	Brine		

WELL STATUS: SHUT IN ☐ ACTIVE ☒

WELL TYPE: CASING INJECTOR ☐ TUBING AND PACKER ☒

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
300	300	0 —	30

COMMENTS (N/A= INFORMATION NOT AVAILABLE)

pass

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
[signature]	11-4/08	W. Mann

STANDARD ANNULAR PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR Rosecl/are EPA ID NO. KYS1010305

ADDRESS Terre Haute, IN EPA PERMIT NO.

LEASE/WELL NO. Morehead 5

PHONE NO. STATE/ PERMIT NO.

fnl fsl fel fwl - - COUNTY Henderson FIELD Smithmills

LATITUDE 37.83644 " LONGITUDE 87.79046 " ELEVATION FT.

WELL COMPLETION

WELL TYPE(CODE)2 TOTAL DEPTH FT. SURFACE ELEV. FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE				
INTERMEDIATE				
PRODUCTION	Remedial 4½ @ 2230		470 sx	surface
TUBING		//////////	//////////	//////////

TOP OF CEMENT CALCULATED FROM RECORDS CBL REMEDIAL

PACKER TYPE		INJECTION FORMATION	//////////
PACKER DEPTH		FORMATION NAME	
PERFORATIONS		TOP ELEVATION	

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)

WELL STATUS: SHUT IN ☐ ACTIVE ☒

WELL TYPE: CASING INJECTOR TUBING AND PACKER ☒

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
300	300	0 –	30

COMMENTS (N/A= INFORMATION NOT AVAILABLE)

Well reworked w/ new tubing & packer
well located in hunting preserve, clean location -

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
[illegible signature]	6/9/09	W. Mann

STANDARD ANNULAR PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR Rosecrare Oil EPA ID NO. KYS 2250139

ADDRESS Terre Haute, IN EPA PERMIT NO.

LEASE/WELL NO. Reiss-Yunker-Durham #7

PHONE NO. STATE/ PERMIT NO. 662 W

_____ fnl _____ fel ____-____-____ COUNTY Union FIELD Highland Creek
fsl fwl

LATITUDE ____°____'____" LONGITUDE ____°____'____" ELEVATION _____ FT.
37.78785 -87.91890

WELL COMPLETION

WELL TYPE(CODE)2_____ TOTAL DEPTH_____FT. SURFACE ELEV._____FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE				
INTERMEDIATE				
PRODUCTION				
TUBING		//////////	//////////	//////////

TOP OF CEMENT CALCULATED FROM RECORDS CBL REMEDIAL

PACKER TYPE		INJECTION FORMATION	//////////
PACKER DEPTH		FORMATION NAME	
PERFORATIONS		TOP ELEVATION	

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)

WELL STATUS: SHUT IN ☐ ACTIVE ☒

WELL TYPE: CASING INJECTOR TUBING AND PACKER ☒

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
300			

COMMENTS (N/A= INFORMATION NOT AVAILABLE)
Remedial construction 1" inside 2" tubing

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
[signature]	6/9/09	W. Mann

STANDARD ANNULAR PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR Roseclare Oil EPA ID NO. KYS 225 0163

ADDRESS _____ EPA PERMIT NO. _____

Uniontown, KY LEASE/WELL NO. Rankin 34

PHONE NO. _____ STATE/ PERMIT NO. _____

_____ fnl _____ fel ____-____-____ COUNTY Union FIELD _____
fsl fwl

LATITUDE ____°____'____" LONGITUDE ____°____'____" ELEVATION _____ FT.
37.86006 - 87.91061

WELL COMPLETION

WELL TYPE(CODE)2_____ TOTAL DEPTH_____FT. SURFACE ELEV._____FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE	7"	110	60	
INTERMEDIATE				
PRODUCTION	4½	1183	250	
TUBING	2⅜	Cemented to surface		

TOP OF CEMENT CALCULATED FROM RECORDS CBL REMEDIAL

PACKER TYPE		INJECTION FORMATION	
PACKER DEPTH		FORMATION NAME	
PERFORATIONS		TOP ELEVATION	

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)

WELL STATUS: SHUT IN ☐ ACTIVE ☒

WELL TYPE: CASING INJECTOR / TUBING AND PACKER

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
305	305	0	30

COMMENTS (N/A= INFORMATION NOT AVAILABLE)

Slim hole - tubing cemented to surface

pass

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
Gary Lewis	8/18/10	W. Mann

STANDARD ANNULAR PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR Roseclare O.I EPA ID NO. 2250135

ADDRESS _____ EPA PERMIT NO. _____

Uniontown, KY LEASE/WELL NO. Nancy Biggs #9

PHONE NO. _____ STATE/ PERMIT NO. _____

_____ fnl _____ fel ____-____-____ COUNTY _____ FIELD _____
fsl fwl

LATITUDE ____°____'____" LONGITUDE ____°____'____" ELEVATION _____ FT.
37.78834 -87.92744

WELL COMPLETION

WELL TYPE(CODE)2_____ TOTAL DEPTH_____FT. SURFACE ELEV._____FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE	8 5/8	105	100	
INTERMEDIATE				
PRODUCTION	5 1/2	2156	500	
TUBING		//////////	//////////	//////////

TOP OF CEMENT CALCULATED FROM RECORDS CBL REMEDIAL

PACKER TYPE		INJECTION FORMATION	//////////
PACKER DEPTH		FORMATION NAME	
PERFORATIONS		TOP ELEVATION	

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)

WELL STATUS: SHUT IN ☐ ACTIVE ☒

WELL TYPE: CASING INJECTOR ☐ TUBING AND PACKER ✓

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
300	300	—	30 -

COMMENTS (N/A= INFORMATION NOT AVAILABLE)

Replace Nipple after split - No need to pull well
area around well cleaned up -
Permission to start injection given by W. Mann - com. 8/18/10 -

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
Rodney Lee	8-18-10	Wm. R. Mann

OK to start injection. Verbal Fred Mc Manus.

STANDARD ANNULAR PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR Rosecl/are Oil EPA ID NO. KYS 2250159

ADDRESS _____ EPA PERMIT NO. _____

Uniontown, KY LEASE/WELL NO. Rankin 36

PHONE NO. _____ STATE/ PERMIT NO. _____

_____ fnl _____ fel ____-____-____ COUNTY Union FIELD _____
fsl fwl

LATITUDE ____°____'____" LONGITUDE ____°____'____" ELEVATION _____ FT.
37. 8566 -87. 9089

WELL COMPLETION

WELL TYPE(CODE)2_____ TOTAL DEPTH_____FT. SURFACE ELEV._____FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE				
INTERMEDIATE				
PRODUCTION				
TUBING		//////////	//////////	//////////

TOP OF CEMENT CALCULATED FROM		RECORDS	CBL	REMEDIAL
PACKER TYPE		INJECTION FORMATION	//////////	
PACKER DEPTH		FORMATION NAME		
PERFORATIONS		TOP ELEVATION		

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)
310	310	0—	30

WELL STATUS	SHUT IN ☐ ACTIVE	WELL TYPE	CASING INJECTOR TUBING AND PACKER

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
310	310	0—	30

COMMENTS (N/A= INFORMATION NOT AVAILABLE)
1" tubing inside 2" Pass

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
Danny Lewis	6/28/2011	W. Mann

STANDARD ANNULAR PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR Roseclare Oil EPA ID NO. KYS 101 0304

ADDRESS _____ EPA PERMIT NO. _____

Uniontown, KY LEASE/WELL NO. Snyder # 4

PHONE NO. _____ STATE/ PERMIT NO. _____

_____ fnl _____ fel _____ - _____ - _____ COUNTY Henderson FIELD _____
fsl fwl

LATITUDE 37.68166 " LONGITUDE -87.65070 " ELEVATION _____ FT.

WELL COMPLETION

WELL TYPE(CODE)2 R TOTAL DEPTH _____ FT. SURFACE ELEV. _____ FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE				
INTERMEDIATE				
PRODUCTION				
TUBING		//////////	//////////	//////////

TOP OF CEMENT CALCULATED FROM RECORDS CBL REMEDIAL

PACKER TYPE		INJECTION FORMATION	//////////
PACKER DEPTH		FORMATION NAME	
PERFORATIONS		TOP ELEVATION	

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)

WELL STATUS SHUT IN ☐ ACTIVE ☒

WELL TYPE CASING INJECTOR TUBING AND PACKER ☒

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
300	300	—	30

COMMENTS (N/A= INFORMATION NOT AVAILABLE)

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
Danny Lewis	8/24/11	W. Mann

STANDARD ANNULAR PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR Roseclare Oil EPA ID NO. KYS 2250156

ADDRESS _____ EPA PERMIT NO. _____

Uniontown, KY LEASE/WELL NO. RANKIN 19

PHONE NO. _____ STATE/ PERMIT NO. _____

_____ fnl _____ fel ____-____-____ COUNTY Union FIELD _____
fsl fwl

LATITUDE 37.85485 " LONGITUDE -87.90588 " ELEVATION _____ FT.

WELL COMPLETION

WELL TYPE(CODE)2 _____ TOTAL DEPTH _____ FT. SURFACE ELEV. _____ FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE				
INTERMEDIATE				
PRODUCTION				
TUBING		//////////	//////////	//////////

TOP OF CEMENT CALCULATED FROM RECORDS CBL REMEDIAL

PACKER TYPE		INJECTION FORMATION	//////////
PACKER DEPTH		FORMATION NAME	
PERFORATIONS		TOP ELEVATION	

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)

WELL STATUS SHUT IN ☐ ACTIVE ☒

WELL TYPE CASING INJECTOR TUBING AND PACKER ☒

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
300 -	300	0 —	30

COMMENTS (N/A= INFORMATION NOT AVAILABLE)

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
Tracy Lewis	8/25/11	W. Mann

STANDARD ANNULAR PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR Roseclare Oil EPA ID NO. KYS 2250158

ADDRESS _____ EPA PERMIT NO. _____

Uniontown, KY LEASE/WELL NO. RANKIN 37

PHONE NO. _____ STATE/ PERMIT NO. _____

_____ fnl _____ fel ____-____-____ COUNTY UNION FIELD _____
fsl fwl

LATITUDE 37.85750 " LONGITUDE -87.90683 " ELEVATION _____ FT.

WELL COMPLETION

WELL TYPE(CODE)2 _____ TOTAL DEPTH _____ FT. SURFACE ELEV. _____ FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE				
INTERMEDIATE				
PRODUCTION				
TUBING		//////////	//////////	//////////

TOP OF CEMENT CALCULATED FROM RECORDS CBL REMEDIAL

PACKER TYPE		INJECTION FORMATION	//////////
PACKER DEPTH		FORMATION NAME	
PERFORATIONS		TOP ELEVATION	

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)

WELL STATUS: SHUT IN ☐ ACTIVE ☒

WELL TYPE: CASING INJECTOR TUBING AND PACKER ☒

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
310	310	0	30

COMMENTS (N/A= INFORMATION NOT AVAILABLE)

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
[illegible]	8/25/11	W. MANN

STANDARD ANNULAR PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR Roseclare Oil EPA ID NO. KYS 2250164

ADDRESS _____ EPA PERMIT NO. _____

Uniontown, KY LEASE/WELL NO. RANKIN 24

PHONE NO. _____ STATE/ PERMIT NO. _____

_____ fnl _____ fel _____ - _____ - _____ COUNTY UNION FIELD _____
fsl fwl

LATITUDE 37.86397 " LONGITUDE -87.90790 " ELEVATION _____ FT.

WELL COMPLETION

WELL TYPE(CODE)2 _____ TOTAL DEPTH _____ FT. SURFACE ELEV. _____ FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE				
INTERMEDIATE				
PRODUCTION				
TUBING		//////////	//////////	//////////

TOP OF CEMENT CALCULATED FROM RECORDS CBL REMEDIAL

PACKER TYPE		INJECTION FORMATION	//////////
PACKER DEPTH		FORMATION NAME	
PERFORATIONS		TOP ELEVATION	

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)

WELL STATUS SHUT IN ☐ ACTIVE ☒

WELL TYPE CASING INJECTOR TUBING AND PACKER ☒

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
310	310	0	30

COMMENTS (N/A= INFORMATION NOT AVAILABLE)

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
[illegible]	8-25-11	W. Man.

STANDARD ANNULAR PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR Roseclare Oil EPA ID NO. KYS 225 D157

ADDRESS Uniontown, KY EPA PERMIT NO.

LEASE/WELL NO. Rankin 35

PHONE NO. STATE/ PERMIT NO.

fnl fel 16 - Q - 20 COUNTY Union FIELD Powell Lake
fsl fwl

LATITUDE 37.85844 " LONGITUDE -87.90985 " ELEVATION FT.

WELL COMPLETION

WELL TYPE(CODE)2 R TOTAL DEPTH FT. SURFACE ELEV. FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE		112		
INTERMEDIATE				
PRODUCTION		1153		
TUBING				

TOP OF CEMENT CALCULATED FROM RECORDS CBL REMEDIAL

PACKER TYPE		INJECTION FORMATION	
PACKER DEPTH		FORMATION NAME	
PERFORATIONS	1177 - 1207	TOP ELEVATION	

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)

WELL STATUS SHUT IN ☐ ACTIVE ☒

WELL TYPE CASING INJECTOR TUBING AND PACKER

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
300	300	—	30

COMMENTS (N/A= INFORMATION NOT AVAILABLE)

Slim hole completion

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
[illegible]	5/10/2012	W. Mann

STANDARD ANNULAR PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR Roseclare Oil EPA ID NO. KYS2250154

ADDRESS Uniontown, KY EPA PERMIT NO.

LEASE/WELL NO. Rankin #23

PHONE NO. STATE/ PERMIT NO.

fnl fel 16 . Q . 20 COUNTY Union FIELD Powell Lake
fsl fwl

LATITUDE 37.85559 " LONGITUDE 87.9035 " ELEVATION FT.

WELL COMPLETION

WELL TYPE(CODE)2 2-R TOTAL DEPTH FT. SURFACE ELEV. FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE				
INTERMEDIATE				
PRODUCTION				
TUBING				

TOP OF CEMENT CALCULATED FROM RECORDS CBL REMEDIAL

PACKER TYPE		INJECTION FORMATION Walters Byrg	
PACKER DEPTH		FORMATION NAME	
PERFORATIONS	1802-1824	TOP ELEVATION	

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)
Brine	Brine		

WELL STATUS: SHUT IN X ACTIVE

WELL TYPE: CASING INJECTOR TUBING AND PACKER ☒

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
300	300	—	30

COMMENTS (N/A= INFORMATION NOT AVAILABLE)

pass-

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
[illegible]	5/10/2012	W. Mann

STANDARD ANNULAR PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR Roseclare Oil EPA ID NO. KYS 225 0151

ADDRESS Uniontown, KY EPA PERMIT NO. _____

LEASE/WELL NO. P.S. Roberts 5W

PHONE NO. _____ STATE/ PERMIT NO. _____

_____ fnl _____ fel 5 . 0 . 21 COUNTY Union Co FIELD St. Vincent
fsl fwl

LATITUDE 37.74326 " LONGITUDE -87.83668 " ELEVATION _____ FT.

WELL COMPLETION

WELL TYPE(CODE)2 R TOTAL DEPTH _____ FT. SURFACE ELEV. _____ FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE		110		
INTERMEDIATE		~~2556~~		
PRODUCTION		2556		
TUBING		//////////	//////////	//////////

TOP OF CEMENT CALCULATED FROM		RECORDS	CBL	REMEDIAL
PACKER TYPE		INJECTION FORMATION McCLOSKY A		//////////
PACKER DEPTH	2380	FORMATION NAME		
PERFORATIONS	2562-2574	TOP ELEVATION		

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)

WELL STATUS: SHUT IN ☐ ACTIVE ☒

WELL TYPE: CASING INJECTOR ☐ TUBING AND PACKER ☒

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
300	300	—	30

COMMENTS (N/A= INFORMATION NOT AVAILABLE)

Pass

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
[signature]	5/10/2012	W. Mann

STANDARD ANNULAR PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR Roseclare Oil EPA ID NO. KYS2250143

ADDRESS Uniontown, KY EPA PERMIT NO.

LEASE/WELL NO. J.P. Robinson #1

PHONE NO. 270-389-0911 STATE/ PERMIT NO.

(C) 270-952-5385

fnl fel 11 - P - 19 COUNTY Union FIELD Highland Creek Unit

fsl fwl

LATITUDE 37.79523 " LONGITUDE 87.91991 " ELEVATION FT.

WELL COMPLETION

WELL TYPE(CODE)2 R TOTAL DEPTH 2217 FT. SURFACE ELEV. FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE		60		
INTERMEDIATE				
PRODUCTION		2167		
TUBING		//////////	//////////	//////////

TOP OF CEMENT CALCULATED FROM RECORDS CBL REMEDIAL

PACKER TYPE		INJECTION FORMATION	//////////
		PALESTINE + WALTERSBURG -	
PACKER DEPTH	1612	FORMATION NAME	
PERFORATIONS	1632-1633	~~TOP ELEVATION~~	1747-1772

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)
Brine	Brine		

WELL STATUS SHUT IN ☐ ACTIVE ☒

WELL TYPE CASING INJECTOR TUBING AND PACKER ☒

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
300	300	—	30

COMMENTS (N/A= INFORMATION NOT AVAILABLE)

Pass

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
[signature]	5/10/2012	W. Mann

STANDARD ANNULAR PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR Roseclare Oil EPA ID NO. KYS 2250165

ADDRESS Uniontown, KY EPA PERMIT NO.

LEASE/WELL NO. Rankin #2

PHONE NO. STATE/ PERMIT NO.

fnl fel 16 - Q - 20 COUNTY Union FIELD Powell's Lake
fsl fwl

LATITUDE 37.86275 " LONGITUDE -87.90505 " ELEVATION FT.

WELL COMPLETION

WELL TYPE(CODE)2 2-R TOTAL DEPTH FT. SURFACE ELEV. FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE		167		
INTERMEDIATE				
PRODUCTION		1186		
TUBING		//////////	//////////	//////////

TOP OF CEMENT CALCULATED FROM RECORDS CBL REMEDIAL

PACKER TYPE		INJECTION FORMATION	//////////
PACKER DEPTH	1152	FORMATION NAME	
PERFORATIONS	1197 - 1213	TOP ELEVATION	

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)
Brine	Brine		

WELL STATUS: SHUT IN ☐ ACTIVE ☒

WELL TYPE: CASING INJECTOR TUBING AND PACKER ☒

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
300	300	—	30 min.

COMMENTS (N/A= INFORMATION NOT AVAILABLE)

Pass -

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
[signature]	5/10/2012	W. Mann

STANDARD ANNULAR PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR ROSECLARE O.I EPA ID NO. KYS 225 0144

ADDRESS UNIONTOWN, KY EPA PERMIT NO.

LEASE/WELL NO. MATT ROBINSON #8

PHONE NO. STATE/ PERMIT NO.

fnl fsl fel fwl 21 - P - 19 COUNTY UNION FIELD

LATITUDE 37.79438 " LONGITUDE 87.92233 " ELEVATION FT.

WELL COMPLETION

WELL TYPE(CODE)2 R TOTAL DEPTH FT. SURFACE ELEV. FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE		167		
INTERMEDIATE				
PRODUCTION		2169		
TUBING		//////////	//////////	//////////

TOP OF CEMENT CALCULATED FROM		RECORDS	CBL	REMEDIAL
PACKER TYPE		INJECTION FORMATION CYPRESS		//////////
PACKER DEPTH	2108	FORMATION NAME		
PERFORATIONS	2175-2188	TOP ELEVATION		

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)
Brine	Brine		

WELL STATUS: SHUT IN ☐ ACTIVE ☒

WELL TYPE: CASING INJECTOR ☐ TUBING AND PACKER ☒

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
300	300	—	30

COMMENTS (N/A= INFORMATION NOT AVAILABLE)

— Pass —

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
[signature]	5/10/2012	W. Mann

STANDARD ANNULAR PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR Roseclare Oil EPA ID NO. KYS 2250193

ADDRESS Uniontown, KY EPA PERMIT NO.

LEASE/WELL NO. Nancy Biggs 2

PHONE NO. STATE/ PERMIT NO.

fnl fsl fel fwl 11 - P - 19 COUNTY Union FIELD Highland Creek Un

LATITUDE 37.78359 " LONGITUDE -87.93166 " ELEVATION FT.

WELL COMPLETION

WELL TYPE(CODE)2 R. TOTAL DEPTH FT. SURFACE ELEV. FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE				
INTERMEDIATE				
PRODUCTION				
TUBING				

TOP OF CEMENT CALCULATED FROM RECORDS CBL REMEDIAL

PACKER TYPE		INJECTION FORMATION TAR SPRINGS.	
PACKER DEPTH	1750	FORMATION NAME	
PERFORATIONS	1824-	TOP ELEVATION	

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)

WELL STATUS SHUT IN ☐ ACTIVE ☒

WELL TYPE CASING INJECTOR TUBING AND PACKER ☒

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
300	300	—	30

COMMENTS (N/A= INFORMATION NOT AVAILABLE)

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
Diany Biggs	05 | 10 | 2012	W. Mann

STANDARD ANNULAR PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR Roseclare Oil EPA ID NO. KYS ~~[illegible]~~ 225 0149

ADDRESS Unionton, KY EPA PERMIT NO.

LEASE/WELL NO. Bessie Boswell 3

PHONE NO. STATE/ PERMIT NO.

fnl fsl fel fwl 14 - 0 - 18 COUNTY Union FIELD Raleigh

LATITUDE 37.71032 " LONGITUDE -88.05335 ELEVATION FT.

WELL COMPLETION

WELL TYPE(CODE)2 R TOTAL DEPTH FT. SURFACE ELEV. FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE		181		
INTERMEDIATE				
PRODUCTION		2759		
TUBING		//////////	//////////	//////////

TOP OF CEMENT CALCULATED FROM RECORDS CBL REMEDIAL

PACKER TYPE		INJECTION FORMATION Aux-Vases	//////////
PACKER DEPTH	2690	FORMATION NAME	
PERFORATIONS	2736-2754	TOP ELEVATION	

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)
Brine	Brine		

WELL STATUS: SHUT IN ☐ ACTIVE ☒

WELL TYPE: CASING INJECTOR ☐ TUBING AND PACKER ☒

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
305	305	0	30 min

COMMENTS (N/A= INFORMATION NOT AVAILABLE)

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
[signature]	5/10/2012	W. Mann

(5)

STANDARD ANNUAL PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR Bear Claw Oil Company EPA ID NO. KYS2250150

ADDRESS 13179 State Road 360 EPA PERMIT NO. Rule

Uniontown, Ky 42461 LEASE/WELL NO. Bacewell #1

PHONE NO. 270-351-0911 STATE/ PERMIT NO.

330 fnl (fsl) 330 (fel) fwl 14 - 0 - 18 COUNTY Union FIELD Raleigh

LATITUDE 37 ° 42 ' 30.5 " LONGITUDE -88 ° 02 ' 35.1 " ELEVATION 358 FT.

WELL COMPLETION

WELL TYPE(CODE)2 R TOTAL DEPTH 2,754' FT. SURFACE ELEV. 358 FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE	10 3/4"	92'	150 A	Surface
INTERMEDIATE	9 0"	108'		
PRODUCTION	4 1/2"	2,708'	300 A	Surface
TUBING	2 3/8	//////////	//////////	//////////

TOP OF CEMENT CALCULATED FROM RECORDS ✓ CBL REMEDIAL

PACKER TYPE	Baker	INJECTION FORMATION	//////////
PACKER DEPTH	2,680'	FORMATION NAME	~~Trenton~~ Aux Vases
PERFORATIONS	2,742'-2,758'	TOP ELEVATION	2,680'

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)
Brine	Brine	55	2,200

WELL STATUS: SHUT IN ☐ ACTIVE

WELL TYPE: CASING INJECTOR TUBING AND PACKER

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
310	310	0	30

COMMENTS (N/A= INFORMATION NOT AVAILABLE)

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
Gary Lewis	July 24, 2012	Fannin

3

STANDARD ANNULAR PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR Rose Lane Oil Company EPA ID NO. KY5-225013.8

ADDRESS 13179 State Road 360 EPA PERMIT NO. Rule 1107

Uniontown, Ky 42461 LEASE/WELL NO. RHEA #3

PHONE NO. 270-389-0911 STATE/ PERMIT NO. 13394W

2,539 fnl (fsl) 1100 fel (fwl) 20 - 8 - 15 COUNTY Union FIELD Highland Creek Unit

LATITUDE 37 ° 47 ' 25.1 " LONGITUDE -87 ° 54 ' 46.3 " ELEVATION 352 FT.

WELL COMPLETION

WELL TYPE(CODE)2 R TOTAL DEPTH 1743 FT. SURFACE ELEV. 352 FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE	13 3/8"	78'	200 A	
INTERMEDIATE	8 5/8"	345'	400 A	
PRODUCTION	5 1/2"	1,719'	425 A	
TUBING	2 3/8" + 1"	//////////	//////////	//////////

TOP OF CEMENT CALCULATED FROM RECORDS ✓ CBL REMEDIAL

PACKER TYPE	Baker	INJECTION FORMATION	//////////
PACKER DEPTH	1682'	FORMATION NAME	Walton Burton
PERFORATIONS	1726'-1742'	TOP ELEVATION	1726'

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)
Brine	Brine	30	950

WELL STATUS: SHUT IN ☐ ACTIVE

WELL TYPE: CASING INJECTOR TUBING AND PACKER

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
330	330	0	30

COMMENTS (N/A= INFORMATION NOT AVAILABLE)

Passed

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
[signature]	July 24, 2012	[signature] Fannin

(6)

STANDARD ANNULAR PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR Beverlee Oil Company EPA ID NO. KYS2250146

ADDRESS 13179 State Road 360 EPA PERMIT NO. Rule

Uniontown, Ky 42461 LEASE/WELL NO. Pike Heirs #2

PHONE NO. 270-351-0911 STATE/ PERMIT NO.

640 (fnl) 330 fel 20 - P - 25 COUNTY Union FIELD Uniontown
fsl (fwl)

LATITUDE 37 ° 45 ' 43.4 " LONGITUDE -87 ° 55 ' 15.2 " ELEVATION 407 FT.

WELL COMPLETION

WELL TYPE(CODE)2 R TOTAL DEPTH 2428 FT. SURFACE ELEV. 407 FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE	10 3/4"	119	150 A	Surface
INTERMEDIATE	8 5/8"	395	250 A	Surface
PRODUCTION	5 1/2" / 4 1/2" liner	4820	150/200 A	Surface
TUBING	2 3/8"	//////////	//////////	//////////

TOP OF CEMENT CALCULATED FROM RECORDS ✓ CBL REMEDIAL

PACKER TYPE	Baker	INJECTION FORMATION	//////////
PACKER DEPTH	2290'	FORMATION NAME	Cypress
PERFORATIONS	2342'-2423'	TOP ELEVATION	2290'

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)
Brine	Brine	580	700

WELL STATUS: SHUT IN ☐ ACTIVE

WELL TYPE: CASING INJECTOR / TUBING AND PACKER

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
330	330	0	30

COMMENTS (N/A= INFORMATION NOT AVAILABLE)

Passed

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
[signature]	July 24, 2012	[signature]

STANDARD ANNUAL PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR Rosewood Oil Company EPA ID NO. KYS 2250155

ADDRESS 13179 State Road 300 EPA PERMIT NO. Rule

Valmeyer, Ky 42461 LEASE/WELL NO. Banking #34

PHONE NO. 270-381-0711 STATE/ PERMIT NO. 66CW

3,100 (fnl) fsl 200 (fel) fwl 20 - Q - 16 COUNTY Union FIELD Fairvalls Lake

LATITUDE 37 ° 51 ' 34.2 " LONGITUDE -87 ° 54 ' 16.4 " ELEVATION 346' FT.

WELL COMPLETION

WELL TYPE(CODE)2 R TOTAL DEPTH 1,819 FT. SURFACE ELEV. 346 FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE	10 3/4"	167'	200 A	
INTERMEDIATE	N/A			
PRODUCTION	5 1/2"	1,813'	350 A	Surface
TUBING	2 7/8" x 1"	//////////	//////////	//////////

TOP OF CEMENT CALCULATED FROM RECORDS CBL REMEDIAL

PACKER TYPE	Baker	INJECTION FORMATION	//////////
PACKER DEPTH	1,768'	FORMATION NAME	Walters Burg
PERFORATIONS	1,813'-1,819'	TOP ELEVATION	1,813'

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)
Brine	Brine	250	750

WELL STATUS: SHUT IN ☐ ACTIVE

WELL TYPE: CASING INJECTOR TUBING AND PACKER

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
310	310	0	30

COMMENTS (N/A= INFORMATION NOT AVAILABLE)

Passed.

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
[signature]	July 24, 2012	[signature] Ferreira

STANDARD ANNULAR PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR Rosecloe Oil Company EPA ID NO. KYS2250140

ADDRESS 13179 State Road 360 EPA PERMIT NO. Rule

Vanceburg, KY 41179 LEASE/WELL NO. RYD #14

PHONE NO. 270-389-0911 STATE/ PERMIT NO. 993W

1,273 fnl (fsl) 1,250 fel (fwl) 20 - P - 15 COUNTY Lewis FIELD Highland Creek Unit

LATITUDE 038 ° 47 ' 04.1 " LONGITUDE -83 ° 54 ' 40.5 " ELEVATION 350 FT.

WELL COMPLETION

WELL TYPE(CODE)2 R TOTAL DEPTH 1,836 FT. SURFACE ELEV. 350 FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE	16 1/2"	49'	100 A	Surface
INTERMEDIATE	13 3/8"	166'	150 A	Surface
PRODUCTION	5 1/2"	1,837'	750 A	Surface
TUBING	2 3/8"			

TOP OF CEMENT CALCULATED FROM RECORDS ✓ CBL REMEDIAL

PACKER TYPE	Baker	INJECTION FORMATION	
PACKER DEPTH	1,684'	FORMATION NAME	Walter Burton/Tar Springs
PERFORATIONS	1,729'-1,761' 1,828'-1,836'	TOP ELEVATION	1,729

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)
Brine	Brine	100	1000

WELL STATUS: SHUT IN ☐ ACTIVE

WELL TYPE: CASING INJECTOR TUBING AND PACKER

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
320	320	0	30

COMMENTS (N/A= INFORMATION NOT AVAILABLE)

Passed

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
[signature]	July 24, 2012	[signature] Ferreira

(2)

STANDARD ANNULAR PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR Beecher Oil Company EPA ID NO. KYS22501141

ADDRESS 13179 State Road 360 EPA PERMIT NO. Rule

Uniontown, Ky 42471 LEASE/WELL NO. RYD #13

PHONE NO. 270-389-0911 STATE/ PERMIT NO. 57341

1000 fnl (fsl) 275 fel (fwl) 20 - P - 15 COUNTY Union FIELD Highland Creek Unit

LATITUDE 37 ° 47 ' 11.2 " LONGITUDE -87 ° 54 ' 52.4 " ELEVATION 351 FT.

WELL COMPLETION

WELL TYPE(CODE)2 R TOTAL DEPTH 1,837 FT. SURFACE ELEV. 351 FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE	10 3/4"	229'	250 A	
INTERMEDIATE				
PRODUCTION	5 1/2"	1,810'	650 A	
TUBING	2 3/8"			

TOP OF CEMENT CALCULATED FROM RECORDS ✓ CBL REMEDIAL

PACKER TYPE	Baker	INJECTION FORMATION	
PACKER DEPTH	1,683'	FORMATION NAME	Waltic Bottom / Tar Springs
PERFORATIONS	1,710'-1,756' 1,821'-1835'	TOP ELEVATION	1,710'

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)
Brine	Brine	20	1000

WELL STATUS: SHUT IN ☐ ACTIVE

WELL TYPE: CASING INJECTOR / TUBING AND PACKER

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
310	310	0	30

COMMENTS (N/A= INFORMATION NOT AVAILABLE)

Passed

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
[signature]	July 24, 2012	[signature] Fowler

STANDARD ANNULAR PRESSURE TEST	UIC MECHANICAL INTEGRITY TEST	US EPA Ground Water/Drinking Water Branch 61 FORSYTH ST. S.W. ATLANTA, GA 30303 (404) 562-9424

WELL IDENTIFICATION

OPERATOR Rosecloe Oil Company EPA ID NO. KYS2250161

ADDRESS 13179 State Road 360 EPA PERMIT NO. Rule

Uniontown, Ky 42461 LEASE/WELL NO. Ranking #32

PHONE NO. 270-281-0911 STATE/ PERMIT NO. 7169-UWF

1501' (fnl) fsl 3,775 (fel) fwl 16 - Q - 20 COUNTY Union FIELD Ranking

LATITUDE 37 ° 51 ' 40.0 " LONGITUDE 87 ° 54 ' 28.7 " ELEVATION 375 FT.

WELL COMPLETION

WELL TYPE(CODE)2 R TOTAL DEPTH 1226 FT. SURFACE ELEV. 375 FT.

CASING STRING	CASING DIAMETER(")	CEMENT SHOE DEPTH	CEMENT VOLUME (SACKS/TYPE)	TOP OF CEMENT
SURFACE	~~105'~~ 7"	105'	75 A	N/A
INTERMEDIATE	N/A			
PRODUCTION	~~1,180~~ 4½"	1180	200 A	N/A
TUBING	~~N/A~~ 2 3/8"	//////////	//////////	//////////

TOP OF CEMENT CALCULATED FROM RECORDS ✓ CBL REMEDIAL

PACKER TYPE	~~Packer~~ None	INJECTION FORMATION	//////////
PACKER DEPTH	None	FORMATION NAME	Mansfield
PERFORATIONS	1150-1211	TOP ELEVATION	1180

OPERATIONAL DATA

INJECTED FLUID	ANNULAR FLUID	INJECTION RATE(bbl/day)	INJECTION PRESSURE(psi)
Brine	Water	160	580

WELL STATUS: SHUT IN ☐ ACTIVE ☑

WELL TYPE: CASING INJECTOR ☑ ~~TUBING AND PACKER~~

ANNULAR PRESSURE TEST

INITIAL TEST PRESSURE (PSI)	FINAL TEST PRESSURE (PSI)	PRESSURE CHANGE (+/- PSI)	LENGTH OF TEST (MINUTES)
310	310	0	30

COMMENTS (N/A= INFORMATION NOT AVAILABLE)

Passed

OPERATOR REPRESENTATIVE	DATE OF TEST	UIC INSPECTOR
[illegible]	July 26, 2012	[illegible] Ferreira

IPA ID	PER OR RULE	PERMIT NO	COMPANY NAME	WELL NAME	WELL NO	WELL TYPE	COUNTY	WELL STATUS	STATUS DATE	ST PERMIT NUMBER	PA DATE	MIT DATE	MI INTO	EM DATE	PASS INT MIT	LAST MIT	CARTER SECTION	CARTER LETTER	CARTER NO	DIST FNSL	FNSL	DIST FEWL	FEWL	LAT DD 27	LON DD 27	LAT DD 83	LON DD 83
6YS1010302	R		ROSECLARE OIL COMPANY	BALL HEIRS	3	R	HENDERSON	PA	1/31/2008	13590	1/31/2008	8/25/2004		8/25/2004	Y	8/25/2004	2	O	22	2310	N	710	W	37.743656	-87.697545	37.744061	87.695879
6YS1010303	R		ROSECLARE OIL COMPANY	BALL HEIRS	4	R	HENDERSON	PA	8/25/2004	14873	8/25/2004	9/3/1997		9/3/1997		9/3/1997	2	O	22	2730	S	1240	W	37.740831	-87.695712	37.744024	87.695933
6YS1010304	R		ROSECLARE OIL COMPANY	THERESA SNYDER	4-W	R	HENDERSON	AC	12/31/2006	2990-WF		8/24/2011		8/24/2011	Y	8/24/2011	17	O	23	900	N	225	W	37.697528	-87.649223	37.68166	87.6507
6YS1010305	R		ROSECLARE OIL COMPANY	MOREHEAD	5	R	HENDERSON	AC	12/31/2006			6/9/2009		6/9/2009	Y	6/9/2009	23	Q	21	1650	N	1125	E	37.845469	-87.787228	37.836432	87.790455
6YS1010306	U		ROSECLARE OIL COMPANY	OTHO BABBS	4	R	HENDERSON	PA			4/10/1992						8	N	23								
6YS1010307	R		ROSECLARE OIL COMPANY	F. A. BRADLEY	8	R	HENDERSON	PA	10/28/2004		10/28/2004						3	N	23	0	S	1065	W	37.65	-87.629655	37.639891	87.626323
6YS1010308	U		ROSECLARE OIL COMPANY	T. A. BRADLEY	1	R	HENDERSON	PA	12/27/1993	843-W	12/27/1993	12/27/1993		12/27/1993		12/27/1993	8	N	23	1650	N	1570	E	37.643469	-87.622088		
6YS1010309	U		ROSECLARE OIL COMPANY	OHOY BRADLEY	W 16	R	HENDERSON	PA		11195	6/8/1992						8	N	23	2435	N	2400	E	37.643313	-87.624954		
6YS1010310	U		ROSECLARE OIL COMPANY	OHOY BRADLEY	9-W	R	HENDERSON	PA	12/8/1993	955-W	12/8/1993	12/8/1993		12/8/1993		12/8/1993	3	N	23	2050	N	2175	W	37.661037	-87.625821		
6YS1010311	U		ROSECLARE OIL COMPANY	OHOY BRADLEY	4	R	HENDERSON	PA	4/8/1992		4/8/1992						3	N	23	50	S	2150	E	37.650137	-87.624092		
6YS1010312	U		ROSECLARE OIL COMPANY	OHOY BRADLEY	3	R	HENDERSON	PA	12/31/1993	10492	12/31/1993	12/31/1993		6/6/1986		12/31/1993	8	N	23	45	N	1635	E	37.649876	-87.627312		
6YS1010313	U		ROSECLARE OIL COMPANY	OHOY BRADLEY	10	R	HENDERSON	PA	8/11/1992	8377	8/11/1992						8	N	23	1183	N	2882	W	37.646202	-87.623382		
6YS1010314	U		ROSECLARE OIL COMPANY	OHOY BRADLEY	13	R	HENDERSON	PA		7543	1/12/1998	1/12/1998		6/6/1986		1/12/1998	8	N	23	665	N	2865	E	37.648174	-87.62656		
6YS1010315	R		ROSECLARE OIL COMPANY	F. A. BRADLEY	6	R	HENDERSON	PA	8/23/2002	7537	8/23/2002						8	N	23	110	N	1871	E	37.649698	-87.623127	37.64496	87.628044
6YS1010316	R		ROSECLARE OIL COMPANY	F. A. BRADLEY	7	R	HENDERSON	PA	8/22/2002		8/22/2002						8	N	23	1440	N	3200	E	37.646045	-87.627716	37.645868	87.631068
6YS1010317	U		ROSECLARE OIL COMPANY	CHANDLER DAVIS	4	R	HENDERSON	PA	12/1/1992	9914	12/1/1992						3	N	23	470	S	920	W	37.651291	-87.630156		
6YS1010318	U		ROSECLARE OIL COMPANY	CHANDLER DAVIS	5	R	HENDERSON	PA	12/2/1992	9915	12/2/1992						3	N	23	880	S	900	W	37.652417	-87.630225		
6YS1010478	U		ROSECLARE OIL COMPANY	CHANDLER DAVIS	2	R	HENDERSON	PA		7539	1/20/1998						3	N	23	880	S	2570	W	37.652417	-87.624457		
6YS1010479	U		ROSECLARE OIL COMPANY	CHANDLER DAVIS	7	R	HENDERSON	PA	11/27/1992	10828	11/27/1992						3	N	23	1825	S	1890	W	37.655017	-87.626806		
6YS1490107	U		ROSECLARE OIL COMPANY	C. H. HINTON	1 W	R	MCLEAN	PA	4/21/2008	2990-WF	4/15/2008	5/11/2004		5/11/2004	Y	5/11/2004	8	N	25	1990	N	1380	W	37.644535	-87.461901	37.63309	87.45426
6YS1490108	U		ROSECLARE OIL COMPANY	C. E. HINTON	1-W	R	MCLEAN	PA	4/21/2008	2557-W	4/15/2008	5/11/2004		5/11/2004	Y	5/11/2004	12	N	25	1230	N	1450	W	37.629955	-87.444994	37.61227	87.45242
6YS2250135	R		ROSECLARE OIL COMPANY	NANCY BIGGS	9	R	UNION	AC	12/31/2006	649-W		8/18/2010		8/18/2010	Y	8/18/2010	11	P	19	625	N	917	W	37.798284	-87.930091	37.78834	87.92744
6YS2250136	R		ROSECLARE OIL COMPANY	NANCY BIGGS	19	R	UNION	AC	12/31/2006			9/17/2008		9/17/2008	Y	9/17/2008	11	P	19	550	S	800	W	37.784844	-87.930565	37.785301	87.93059
6YS2250137	R		ROSECLARE OIL COMPANY	INEZ RHEA	2	R	UNION	AC	12/31/2006			9/16/2008		9/16/2008	Y	9/16/2008	11	P	19	100	S	330	W	37.783608	-87.932192	37.792866	87.918881
6YS2250138	R		ROSECLARE OIL COMPANY	INEZ RHEA	8	R	UNION	AC	12/31/2006	1339-W		7/24/2012		7/24/2012	Y	7/24/2012	15	P	20	2539	S	1100	W	37.790306	-87.912861	37.79	87.913944
6YS2250139	R		ROSECLARE OIL COMPANY	REISS-YUNKER-DURHAM	7	R	UNION	AC	12/31/2006			6/9/2009		6/9/2009	Y	6/9/2009	11	P	19	1625	S	700	E	37.787796	-87.919089	37.787796	87.918913
6YS2250140	R		ROSECLARE OIL COMPANY	REISS-YUNKER-DURHAM	14	R	UNION	AC	12/31/2006	993-W		7/24/2012		7/24/2012	Y	7/24/2012	15	P	20	1237	S	1250	W	37.78673	-87.912342	37.784735	87.914254
6YS2250141	R		ROSECLARE OIL COMPANY	REISS-YUNKER-DURHAM	13	R	UNION	AC	12/31/2006	813-W		7/24/2012		7/24/2012	Y	7/24/2012	19	P	11	1000	S	275	W			37.786089	87.915739
6YS2250142	R		ROSECLARE OIL COMPANY	REISS-YUNKER-DURHAM	9	R	UNION	AC	12/31/2006	712-W		8/25/2004		8/25/2004	Y	8/25/2004	11	P	19	1900	S	50	E	37.788551	-87.91684	37.788514	87.916747
6YS2250143	R		ROSECLARE OIL COMPANY	J. P. ROBINSON	1	R	UNION	AC	6/9/2009			5/10/2012		5/10/2012	Y	5/10/2012	11	P	19	330	S	330	W	37.78424	-87.932192	37.795205	87.919023
6YS2250144	R		ROSECLARE OIL COMPANY	MATT ROBINSON	8	R	UNION	AC	12/31/2006	659-W		5/10/2012		5/10/2012	Y	5/10/2012	11	P	19	2050	N	1600	E	37.761037	-87.9222	37.794394	87.922368
6YS2250145	U		ROSECLARE OIL COMPANY	ROY A. HOWARD	2	R	UNION	PA	7/18/2008	5606-WF	7/31/2008	5/11/2004		5/11/2004	Y	5/11/2004	1	O	18	1000	N	330	E	37.747254	-88.001141	37.744906	88.014536
6YS2250146	R		ROSECLARE OIL COMPANY	PIKE HEIRS 'A'	2	R	UNION	AC	12/31/2006			7/24/2012		7/24/2012	Y	7/24/2012	21	P	19	2033	S	772	W	37.755583	-87.930663	37.762294	87.916816
6YS2250147	R		ROSECLARE OIL COMPANY	PIKE HEIRS 'A'	1	R	UNION	PA	2/7/2008	N10326	2/7/2008	1/7/2004		1/7/2004	Y	1/7/2004	21	P	19	1581	S	330	W	37.754342	-87.932192	37.761117	87.918428
6YS2250148	R		ROSECLARE OIL COMPANY	PIKE HEIRS 'B'	3	R	UNION	PA	10/6/2011	8699	10/6/2011	4/1/2009		4/1/2009	Y	4/1/2009	21	P	19	480	S	336	E	37.751318	-87.917829	37.75135	87.91797
6YS2250149	R		ROSECLARE OIL COMPANY	BESSIE BOSWELL	3	R	UNION	AC	6/21/2006			5/10/2012		5/10/2012	Y	5/10/2012	14	O	18	2230	S	970	E	37.706124	-88.053352	37.710322	88.053381
6YS2250150	R		ROSECLARE OIL COMPANY	BESSIE BOSWELL	1	R	UNION	AC	9/17/2008			7/24/2012		7/24/2012	Y	7/24/2012	14	O	18	2607	N	304	E	37.709507	-88.051051	37.709553	88.051081
6YS2250151	R		ROSECLARE OIL COMPANY	P. S. ROBERTS	5-W	R	UNION	AC	12/31/2006			5/10/2012		5/10/2012	Y	5/10/2012	5	O	21	550	N	720	W	37.74849	-87.830844	37.74129	87.83669
6YS2250152	R		ROSECLARE OIL COMPANY	M. S. RANKIN	11	R	UNION	AC	12/31/2006	957-W		9/16/2008		9/16/2008	Y	9/16/2008	16	Q	20	3125	N	3813	E	37.858085	-87.913205	37.861268	87.909764
6YS2250153	R		ROSECLARE OIL COMPANY	M. S. RANKIN	21	R	UNION	CP	11/20/2014	9243-WF		8/24/2011		8/24/2011	Y	8/24/2011	16	Q	20	1400	S	1350	E	37.853845	-87.904675	37.853128	87.904536
6YS2250154	R		ROSECLARE OIL COMPANY	M. S. RANKIN	23	R	UNION	AC	12/31/2006			5/10/2012		5/10/2012	Y	5/10/2012	16	Q	20	2050	S	1000	E	37.85563	-87.903463	37.856199	87.904197
6YS2250155	R		ROSECLARE OIL COMPANY	M. S. RANKIN	3	R	UNION	AC	12/31/2006	660-W		7/24/2012		7/24/2012	Y	7/24/2012	16	Q	20	3100	N	200	E	37.858154	-87.900683	37.859963	87.902143
6YS2250156	R		ROSECLARE OIL COMPANY	M. S. RANKIN	19-W	R	UNION	AC	12/31/2006	1309-W		8/25/2011		8/25/2011	Y	8/25/2011	16	Q	20	508	S	200	W	37.851395	-87.915974	37.854889	87.905895
6YS2250157	R		ROSECLARE OIL COMPANY	M. S. RANKIN	35-W	R	UNION	AC	5/27/2004	8001-WF		5/10/2012		5/10/2012	Y	5/10/2012	16	Q	20	3175	N	2000	W	37.857948	-87.90974	37.85846	87.90985
6YS2250158	R		ROSECLARE OIL COMPANY	M. S. RANKIN	37-W	R	UNION	AC	12/31/2006	8003-WF		8/25/2011		8/25/2011	Y	8/25/2011	16	Q	20	2750	S	1975	E	37.857552	-87.90684	37.857734	87.907413
6YS2250159	R		ROSECLARE OIL COMPANY	M. S. RANKIN	36-W	R	UNION	AC	12/31/2006	8002-WF		6/28/2011		6/28/2011	Y	6/28/2011	16	Q	20	2450	S	2200	W	37.856728	-87.909048	37.85679	87.9089
6YS2250160	U		ROSECLARE OIL COMPANY	M. S. RANKIN	16-W	R	UNION	PA		7170-W	3/23/1999	7/16/1996		10/24/1990		7/16/1996	16	Q	20	2425	N	1700	E	37.860007	-87.905887		
6YS2250161	R		ROSECLARE OIL COMPANY	M. S. RANKIN	32-W	R	UNION	AC	12/31/2006	7169-WF		7/26/2012		7/26/2012	Y	7/26/2012	16	Q	20	3503	N	3775	E	37.862545	-87.913073	37.86106	87.908
6YS2250162	U		ROSECLARE OIL COMPANY	M. S. RANKIN	31-W	R	UNION	PA	6/17/2008	7168-WF	6/17/2008	10/1/2002		10/1/2002	Y	10/1/2002	16	Q	20	2125	N	2750	W	37.860831	-87.908875	37.85922	87.9075
6YS2250163	R		ROSECLARE OIL COMPANY	M. S. RANKIN	34-W	R	UNION	AC	12/31/2006	8000-WF		8/18/2010		8/18/2010	Y	8/18/2010	6	Q	20	300	N	650	W	37.899176	-87.914415	37.86006	87.91061
6YS2250164	R		ROSECLARE OIL COMPANY	M. S. RANKIN	24-W	R	UNION	AC	12/31/2006			8/25/2011		8/25/2011	Y	8/25/2011	16	Q	20	980	N	2300	E	37.863975	-87.907965	37.863898	87.907863
6YS2250165	R		ROSECLARE OIL COMPANY	M. S. RANKIN	2-W	R	UNION	AC	12/31/2006	638-W		5/10/2012		5/10/2012	Y	5/10/2012	16	Q	20	500	N	980	W	37.865294	-87.913273	37.862759	87.905087
6YS2250166	U		ROSECLARE OIL COMPANY	M. S. RANKIN	16	R	UNION	PA	9/7/1993	1168-W	9/7/1993	9/7/1993		9/7/1993		9/7/1993	16	Q	20	2400	S	2400	E	37.856591	-87.908312		
6YS2250193	R		ROSECLARE OIL COMPANY	NANCY BIGGS	2	R	UNION	AC	12/31/2006			5/10/2012		5/10/2012	Y	5/10/2012	11	P	19	275	S	650	W	37.784089	-87.931084	37.783655	87.9117
6YS2250194	R		ROSECLARE OIL COMPANY	INEZ RHEA	9	R	UNION	PA	10/21/2008	1560-W	10/21/2008	8/12/2004		8/12/2004	Y	8/12/2004	15	P	20	600	S	4190	E	37.784981	-87.914497	37.790949	87.914697
6YS2250211	R		ROSECLARE OIL COMPANY	BLAND ORME	1	R	UNION	PA	11/6/2008		11/6/2008	8/12/2004		8/12/2004	Y	8/12/2004	11	P	19	700	S	3470	W	37.785256	-87.921327	37.780057	87.915392
6YS2250212	R		ROSECLARE OIL COMPANY	HIGHLAND CREEK COAL COMPANY	1	R	UNION	AC	12/31/2006	1462-W		11/4/2008		11/4/2008	Y	11/4/2008	16	P	20	70	N	990	W	37.783141	-87.913242	37.78041	87.914264
6YS330108	U		ROSECLARE OIL COMPANY	OTHO BABBS	11	R	WEBSTER	PA	4/28/1992	12140	4/28/1992	9/7/1990		7/16/1996		9/7/1990	8	N	23	3475	N	965	W	37.640594	-87.630001		
6YS330109	U		ROSECLARE OIL COMPANY	OTHO BABBS	8	R	WEBSTER	PA	4/28/1992	10866	4/28/1992						8	N	23	3062	N	2655	W	37.641591	-87.624165		
6YS330110	U		ROSECLARE OIL COMPANY	F. A. BRADLEY	4-W	R	WEBSTER	PA	12/14/1993	922-W	12/14/1993	9/7/1990		12/14/1993		12/14/1993	8	N	23	220	N	1620	W	37.649396	-87.627739		
6YS330111	U		ROSECLARE OIL COMPANY	OTHO BABBS	5-W	R	WEBSTER	PA	7/17/2003	7536	7/1/1999	10/24/1990		10/24/1990		10/24/1990	8	N	23	2970	N	1750	W	37.641844	-87.62729	37.639503	87.627734
6YS330112	R		ROSECLARE OIL COMPANY	OTHO BABBS	10	R	WEBSTER	PA	8/31/2004	11194	8/31/2004	7/27/1990		7/27/1990		7/27/1990	8	N	23	3365	N	465	W	37.640759	-87.631728	37.640683	87.630114
6YS330113	U		ROSECLARE OIL COMPANY	OHOY BRADLEY	11-W	R	WEBSTER	PA	3/5/1992	8394	3/5/1992						8	N	23	325	N	1570	E	37.649107	-87.622088		
6YS330114	U		ROSECLARE OIL COMPANY	OHOY BRADLEY	12	R	WEBSTER	PA		7542	1/13/1998	1/13/1998		1/13/1998		1/13/1998	8	N	23	2510	N	1500	W	37.643107	-87.628154		
6YS330115	U		ROSECLARE OIL COMPANY	OHOY BRADLEY	17	R	WEBSTER	PA	8/11/1992	11196	8/11/1992						8	N	23	3915	N	2160	W	37.644686	-87.625875		
6YS330116	U		ROSECLARE OIL COMPANY	OTHO BABBS	7	R	WEBSTER	PA	4/21/1992	10330	4/21/1992						8	N	23	3065	N	1305	W	37.641583	-87.628827		

Amount Required	Amount Submitted	EPA ID	FR ID
4,800.00	4,800.00	KYS1010304	499
5,800.00	5,800.00	KYS1010305	499
5,800.00	5,800.00	KYS2250135	499
5,800.00	5,800.00	KYS2250136	499
5,800.00	5,800.00	KYS2250137	499
4,800.00	4,800.00	KYS2250138	499
4,800.00	4,800.00	KYS2250139	499
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3,700.00	3,700.00	KYS2250164	499
3,700.00	3,700.00	KYS2250165	499
5,800.00	5,800.00	KYS2250193	499
4,800.00	4,800.00	KYS2250212	499
.00	.00		499
$152,100.00	$152,100.00	[Totals]	

	A	B	C	D
1	**EPA_ID**	**COMPANY_NAME**	**WELL_STATUS**	**LAST_MIT**
2	KYS1010307	ROSECLARE OIL COMPANY	PA	
3	KYS1010315	ROSECLARE OIL COMPANY	PA	
4	KYS1010316	ROSECLARE OIL COMPANY	PA	
5	KYS2250136	ROSECLARE OIL COMPANY	AC	9/17/2008
6	KYS2250138	ROSECLARE OIL COMPANY	AC	7/24/2012
7	KYS2250138	ROSECLARE OIL COMPANY	AC	7/24/2012
8	KYS2250139	ROSECLARE OIL COMPANY	AC	6/9/2009
9	KYS2250139	ROSECLARE OIL COMPANY	AC	6/9/2009
10	KYS2250142	ROSECLARE OIL COMPANY	AC	8/25/2004
11	KYS2250142	ROSECLARE OIL COMPANY	AC	8/25/2004
12	KYS2250143	ROSECLARE OIL COMPANY	AC	5/10/2012
13	KYS2250143	ROSECLARE OIL COMPANY	AC	5/10/2012
14	KYS2250146	ROSECLARE OIL COMPANY	AC	7/24/2012
15	KYS2250148	ROSECLARE OIL COMPANY	PA	4/1/2009
16	KYS2250148	ROSECLARE OIL COMPANY	PA	4/1/2009
17	KYS2250150	ROSECLARE OIL COMPANY	AC	7/24/2012
18	KYS2250150	ROSECLARE OIL COMPANY	AC	7/24/2012
19	KYS2250155	ROSECLARE OIL COMPANY	AC	7/24/2012
20	KYS2250155	ROSECLARE OIL COMPANY	AC	7/24/2012
21	KYS2250159	ROSECLARE OIL COMPANY	AC	6/28/2011
22	KYS2250159	ROSECLARE OIL COMPANY	AC	6/28/2011
23	KYS2250162	ROSECLARE OIL COMPANY	PA	10/1/2002
24	KYS2250162	ROSECLARE OIL COMPANY	PA	10/1/2002
25	KYS2250194	ROSECLARE OIL COMPANY	PA	8/12/2004
26	KYS2250194	ROSECLARE OIL COMPANY	PA	8/12/2004
27	KYS2250211	ROSECLARE OIL COMPANY	PA	8/12/2004
28	KYS2250211	ROSECLARE OIL COMPANY	PA	8/12/2004
29	KYS2250212	ROSECLARE OIL COMPANY	AC	11/4/2008
30	KYS2250212	ROSECLARE OIL COMPANY	AC	11/4/2008

	E	F	G
1	**VIOLATION_ID**	**VIOLATION_DATE**	**VIOLATION_TYPE**
2	4	7/16/2003	P and A-NON SNC
3	4	7/16/2003	P and A-NON SNC
4	4	7/16/2003	P and A-NON SNC
5	27	7/16/2003	MIT-NON SNC
6	145	12/11/2007	MIT-NON SNC
7	175	12/11/2007	Falseification-SNC
8	127	6/8/2007	Falseification-SNC
9	146	6/8/2007	MIT-NON SNC
10	127	6/8/2007	Falseification-SNC
11	171	6/8/2007	MIT-NON SNC
12	136	12/11/2007	Falseification-SNC
13	147	12/11/2007	MIT-NON SNC
14	7	7/16/2003	MIT-NON SNC
15	128	6/8/2007	Falseification-SNC
16	148	6/8/2007	MIT-NON SNC
17	129	6/8/2007	Falseification-SNC
18	149	6/8/2007	MIT-NON SNC
19	130	12/11/2007	Falseification-SNC
20	150	12/11/2007	MIT-NON SNC
21	130	12/11/2007	Falseification-SNC
22	177	12/11/2007	MIT-NON SNC
23	131	10/1/2007	MIT-NON SNC
24	174	10/1/2007	Falseification-SNC
25	175	12/11/2007	Falseification-SNC
26	176	12/11/2007	MIT-NON SNC
27	132	12/11/2007	Falseification-SNC
28	152	12/11/2007	MIT-NON SNC
29	133	12/11/2007	Falseification-SNC
30	153	12/11/2007	MIT-NON SNC

	H	I	J
1	**VIOLATION_RTC_DATE**	**AOTRACK_ID**	**DOCKETT_NUMBER**
2	10/28/2004	414	SDWA0420041007
3	10/28/2004	414	SDWA0420041007
4	10/28/2004	414	SDWA0420041007
5	1/7/2004	423	SDWA0420041005(B)
6	8/3/2009	481	SDWA0420081009(B)
7	9/3/2009	481	SDWA0420081009(B)
8	9/3/2009	482	SDWA0420081010(B)
9	6/9/2009	482	SDWA0420081010(B)
10	9/3/2009	482	SDWA0420081010(B)
11	8/3/2009	482	SDWA0420081010(B)
12	9/3/2009	483	SDWA0420081011(B)
13	6/9/2009	483	SDWA0420081011(B)
14	1/7/2004	415	SDWA0420041008B
15	9/3/2009	484	SDWA0420081012(B)
16	4/1/2009	484	SDWA0420081012(B)
17	9/3/2009	485	SDWA0420081013(B)
18	9/17/2008	485	SDWA0420081013(B)
19	9/3/2009	486	SDWA0420081014(B)
20	8/3/2009	486	SDWA0420081014(B)
21	9/3/2009	486	SDWA0420081014(B)
22	4/1/2009	486	SDWA0420081014(B)
23	6/17/2008	486	SDWA0420081014(B)
24	9/3/2009	486	SDWA0420081014(B)
25	9/3/2009	481	SDWA0420081009(B)
26	11/12/2008	481	SDWA0420081009(B)
27	9/3/2009	487	SDWA0420081015(B)
28	11/6/2008	487	SDWA0420081015(B)
29	9/3/2009	488	SDWA0420081016(B)
30	11/4/2008	488	SDWA0420081016(B)

	K	L	M
1	**STATUS_CODE**	**STATUS_DATE**	**AO_CLOSED**
2	CLO	12/6/2004	12/6/2004
3	CLO	12/6/2004	12/6/2004
4	CLO	12/6/2004	12/6/2004
5	CLO	1/21/2004	10/29/2004
6	ACT	5/28/2008	
7	ACT	5/28/2008	
8	ACT	5/28/2008	
9	ACT	5/28/2008	
10	ACT	5/28/2008	
11	ACT	5/28/2008	
12	ACT	5/28/2008	
13	ACT	5/28/2008	
14	CLO	11/3/2004	11/3/2004
15	ACT	5/28/2008	
16	ACT	5/28/2008	
17	ACT	5/28/2008	
18	ACT	5/28/2008	
19	ACT	5/28/2008	
20	ACT	5/28/2008	
21	ACT	5/28/2008	
22	ACT	5/28/2008	
23	ACT	5/28/2008	
24	ACT	5/28/2008	
25	ACT	5/28/2008	
26	ACT	5/28/2008	
27	ACT	5/28/2008	
28	ACT	5/28/2008	
29	ACT	5/28/2008	
30	ACT	5/28/2008	