



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS MANAGEMENT PROGRAM

DEP USE ONLY	
Site Id	Primary Facility Id
Client Id	Sub-facility Id

WELL RECORD AND COMPLETION REPORT

Well Operator Guardian Exploration, LLC		DEP ID# 237396	Well API # (Permit / Reg) 37-105-21152-00	Project Number	Acres
Address PO Box 225			Well Farm Name REYNOLDS	Well # RX204	Serial #
City Hunt	State TX	Zip Code 78024	County Potter	Municipality Pleasant Valley	
Phone 830-367-6022	Fax 830-367-6066	USGS 7.5 min. quadrangle map Shinglehouse			

Check all that apply: Original Well Record Original Completion Report Amended Well Record Amended Completion Report

WELL RECORD (Also complete Log of Formations on back (page 2))

Well Type	<input checked="" type="checkbox"/> Gas	<input type="checkbox"/> Oil	<input type="checkbox"/> Combination Oil & Gas	<input type="checkbox"/> Injection	<input type="checkbox"/> Storage	<input type="checkbox"/> Disposal
Drilling Method	<input checked="" type="checkbox"/> Rotary - Air	<input type="checkbox"/> Rotary - Mud	<input type="checkbox"/> Cable Tool			
Date Drilling Started 5-4-06	Date Drilling Completed 5-9-06	Surface Elevation 2275 ft.	Total Depth - Driller 2500 ft.	Total Depth - Logger 2504 ft.		

Casing and Tubing

Cement returned on surface casing? Yes No
Cement returned on coal protective casing? Yes No N/A

Hole Size	Pipe Size	Wt.	Thread / Weld	Amount in Well (ft)	Material Behind Pipe Type and Amount	Packer / Hardware / Centralizers Type Size Depth	Date Run
12 1/4	9 5/8	36	THD.	31.6	DRILL CUTTINGS		5-4-06
8 3/4	7	17	THD.	502.4	90 SKS. CEMENT (CLASS A)	Centralizer 8 3/4 X 7 467 402,126	5-5-06
6 1/4	2 3/8	4.6	THD.	1915	NONE		7-13-06

COMPLETION REPORT

Perforation Record			Stimulation Record				
Date	Interval Perforated From To		Date	Interval Treated	Fluid Type Amount	Propping Agent Type Amount	Average Injection
				SEE FRAC REPORT			
				NOV 27 2006			
Natural Open Flow	N/A				250 PSI	24 Hours	Days
After Treatment Open Flow	N/A				580 PSI	24 Hours	Days

RECEIVED

NOV 01 2006

ENVIRONMENTAL PROTECTION
NORTHWEST REGIONAL OFFICE

ENVIRONMENTAL PROTECTION
NORTHWEST REGIONAL OFFICE

Well Service Companies -- Provide the name, address, and phone number of all well service companies involved.

Name	Address	City - State - Zip	Phone
Superior Well Services	P.O. Box 482	Bradford, PA 16701	814-368-6228
Dallas-Morris Drilling, Inc.	29 Morris Lane	Bradford, PA 16701	814-362-6493

LOG OF FORMATIONS

Well API#: **37-105-21152-00**

Formation Name or Type	Top (feet)	Bottom (feet)	Gas at (feet)	Oil at (feet)	Water at (fresh / brine; ft.)	Source of Data
SEE ATTACHED DRILLERS LOG						

Please delete empty rows if necessary to make all of page 2 fit on one page.

Well Operator's Signature:

DEP USE ONLY



Reviewed by:

Date:



11-21-06

Title:
President

Date: 10-30-06

Comments:



**Plants &
Goodwin** INC.

OIL & GAS FIELD SERVICES

PAUL R. PLANTS
STEPHEN D. PLANTS

1034 ROUTE 44 • SHINGLEHOUSE, PA 16748 • (814) 697-6330 • (814) 697-7515 FAX

GUARDIAN EXPLORATION, LLC
DRILLERS LOG
WELL #RX-204

SPUD DATE: 05/04/06
COMPLETION DATE: 05/09/06
SIZE OF CONDUCTOR: 9 5/8"
AMOUNT OF CONDUCTOR: 31.6'

CASING SIZE: 7"
SURFACE CASING SET @: 502.4'
CEMENT RETURNS: 0 BBLs.
DATE CENTRALIZERS RUN: 5/05/06
CENTRALIZERS SET @: 467'; 402'; 126'

0-10	ROCKS & DIRT
10-27	SANDSTONE
27-387	RED ROCK (FRESH WATER 5 GPM)
387-428	SHALE
428-502	RED ROCK
502-648	SHALE
648-678	SAND
678-918	SHALE
918-948	SAND
948-1190	SHALE
1190-1220	SAND
1220-1292	SHALE
1292-1312	SAND
1312-1382	SHALE
1382-1432	SAND (SMELL OF GAS)
1432-1854	SHALE
1854-1914	SAND
1914-2064	SHALE
2064-2154	SAND (SMELL OF GAS)
2154-2306	SHALE
2306-2366	SAND (SMELL OF GAS)
2366-2500	SHALE
2500	T.D.

Customer : GUARDIAN EXPLORATION

Lease : REYNOLDS RX-204

Invoice	:4438	Stage	:1 of 13
Date	:Thu 07/13/2006	Start Time	:04:17:50 (04:17 AM)
Customer	:GUARDIAN EXPLORATION	Lease	:REYNOLDS RX-204
State	:PENNSYLVANIA	County	:POTTER COUNTY
Engineer	:SEAN LUCE	Comments	:
Primary	: 3-1/2;NPT;J-55; 9.20# - USED	Secondary	:NONE -
Formation	:N/A	Job Type	:MULTI STAGE OPEN HOLE FRAC
Treat Vol	:4550 GAL	Flush Vol	:1300 GAL
Top Int	:1201 FEET	Bottom Int	:70 SKS
Notch/Perf	:1 NOTCH EACH	Comments	:

SPECIAL CALCULATIONS

AVERAGE PRESSURE: 1766 *** AVERAGE RATE: 21.0 *** AVERAGE HHP: 907 *** PTS USED: 7
CALCULATED SHUT IN: ISIP *** 1052
BROKE FORMATION: Brk Form *** 2480 BACK TO: 2403

LOGGED DATA

	Comment	CASEpsi	SLRRYbpm	s#SLRRYga	T#SLRRYga	HRPWRhhp
05:26:31	PAUSED	1387	0.0	1	1	43
05:26:37	Brk Form	1914	3.3	14	14	310
05:26:51	ZEROSUB	2426	15.1	0	103	886
05:28:09	ss1	2554	21.3	1051	1154	1317
05:29:13	ss1.5	1765	21.6	2018	2121	936
05:30:22	SS 2	1709	21.7	3082	3185	910
05:30:25	ckr&p	1710	21.7	3113	3216	911
05:31:25	ckr&p	1677	21.7	4024	4127	893
05:32:31	fs	1495	19.2	5017	5120	705
05:33:09	ZEROSUB	1464	19.5	0	5637	701
05:34:45	ff	1450	19.5	1310	6947	692
05:35:13	ISIP	1043	0.0	1345	6982	1

POST JOB COMMENTS

<14.00> CW3K-per pound
<0.20> CW3K-Activator per gallon
<70.00> Sand - API Spec 20/40 Mesh - per sack
<1.00> Super OW 3 - per gallon

END OF REPORT

Customer : GUARDIAN EXPLORATION

Lease : REYNOLDS RX-204

Invoice	: 4438	Stage	: 2 of 13
Date	: Thu 07/13/2006	Start Time	: 05:45:08 (05:45 AM)
Customer	: GUARDIAN EXPLORATION	Lease	: REYNOLDS RX-204
State	: PENNSYLVANIA	County	: POTTER COUNTY
Engineer	: SEAN LUCE	Comments	:
Primary	: 3-1/2;NPT;J-55; 9.20# - USED	Secondary	: NONE -
Formation	: WARREN 2ND	Job Type	: MULTI STAGE OPEN HOLE FRAC
Treat Vol	: 3550 GAL	Flush Vol	: 1000 GAL
Top Int	: 1208 FEET	Bottom Int	: 50 SKS
Notch/Perf	: 1 NOTCH EACH	Comments	:

SPECIAL CALCULATIONS

AVERAGE PRESSURE: 2061 *** AVERAGE RATE: 19.9 *** AVERAGE HHP: 1005 *** PTS USED: 11
 CALCULATED SHUT IN: ISIP *** 1147
 BROKE FORMATION: Brk Form *** 2559 BACK TO: 2367

LOGGED DATA

	Comment	CASEpsi	SLRRYbpm	s#SLRRYga	T#SLRRYga	HRPWRhhp
05:53:25	PAUSED	1431	0.0	0	0	2
05:53:31	Brk Form	1900	5.9	6	6	209
05:53:43	ss1/2	2559	12.4	69	69	739
05:53:45	ss1/2	2400	15.2	90	90	865
05:53:47	ZEROSUB	2516	17.2	4	114	1036
05:54:23	sob	2202	20.9	499	609	1128
05:54:39	ss1	2168	20.8	732	843	1109
05:55:31	ss1.5	1884	19.4	1441	1551	896
05:56:17	SS 2	1949	21.6	2127	2238	1033
05:56:21	ckr&p	1957	21.6	2186	2297	1035
05:57:17	ckr&p	1962	21.6	3033	3144	1037
05:57:53	fs	1928	21.6	3573	3683	1021
05:58:23	sf	1819	21.8	4034	4145	973
05:58:27	ZEROSUB	1806	21.9	5	4205	969
05:59:33	ff	1846	21.9	1017	5217	994
06:00:01	ISIP	1099	0.0	1048	5248	0

POST JOB COMMENTS

(11) CW3K (.2) CW3K Activator
 <50.00> Sand - API Spec 20/40 Mesh - per sack
 <1.00> Super OW 3 - per gallon

END OF REPORT

Customer : GUARDIAN EXPLORATION

Lease : REYNOLDS RX-204

Invoice : 4438	Stage : 3 of 13
Date : Thu 07/13/2006	Start Time : 06:03:20 (06:03 AM)
Customer : GUARDIAN EXPLORATION	Lease : REYNOLDS RX-204
State : PENNSYLVANIA	County : POTTER COUNTY
Engineer : SEAN LUCE	Comments :
Primary : 3-1/2;NPT;J-55; 9.20# - USED	Secondary : NONE -
Formation : WARREN 3RD	Job Type : MULTI STAGE OPEN HOLE FRAC
Treat Vol : 4550 GAL	Flush Vol : 1000 GAL
Top Int : 1287 FEET	Bottom Int : 70 SKS
Notch/Perf : 1 NOTCH EACH	Comments :

SPECIAL CALCULATIONS

AVERAGE PRESSURE: 2146 *** AVERAGE RATE: 20.0 *** AVERAGE HHP: 1050 *** PTS USED: 12
 CALCULATED SHUT IN: ISIP *** 1180
 BROKE FORMATION: Brk Form *** 2905 BACK TO: 2533

LOGGED DATA

	Comment	CASEpsi	SLRRYbpm	s#SLRRYga	T#SLRRYga	HRPWRhhp
06:21:32	PAUSED	93	0.0	0	0	0
06:22:49	PAUSED	93	0.0	0	0	0
06:24:18	PAUSED	98	3.6	7	7	8
06:25:22	PAUSED	835	0.0	13	13	0
06:25:32	Brk Form	2360	4.3	22	22	110
06:25:44	ss1/2	2514	10.8	87	87	665
06:25:48	ZEROSUB	2582	12.8	119	119	796
06:25:50	ZEROSUB	2651	14.3	12	139	911
06:26:32	sob	2701	16.9	503	630	1119
06:26:48	ss1	2493	17.1	692	820	1055
06:27:40	ss1.5	2177	21.1	1418	1545	1124
06:28:28	SS 2	2104	21.5	2134	2261	1111
06:28:30	ckr&p	2099	21.5	2165	2292	1107
06:28:32	ckr&p	2096	21.5	2196	2324	1106
06:29:28	ckr&p	2035	21.5	3034	3161	1072
06:30:38	ckr&p	1924	21.6	4091	4219	1019
06:31:10	fs	1908	21.7	4571	4699	1016
06:31:42	sf	1874	22.1	5065	5193	1015
06:31:44	ZEROSUB	1872	22.1	14	5225	1014
06:32:50	ff	1825	22.2	1040	6251	993
06:33:14	ISIP	1134	0.0	1070	6281	0

POST JOB COMMENTS

(14) CW3K (.2) CW3K Activator
 <70.00> Sand - API Spec 20/40 Mesh - per sack
 <1.00> Super OW 3 - per gallon

END OF REPORT

Customer : GUARDIAN EXPLORATION

Lease : REYNOLDS RX-204

Invoice : 4438	Stage : 4 of 13
Date : Thu 07/13/2006	Start Time : 06:35:30 (06:35 AM)
Customer : GUARDIAN EXPLORATION	Lease : REYNOLDS RX-204
State : PENNSYLVANIA	County : POTTER COUNTY
Engineer : SEAN LUCE	Comments :
Primary : 3-1/2;NPT;J-55; 9.20# - USED	Secondary : NONE -
Formation : WARREN 3RD	Job Type : MULTI STAGE OPEN HOLE FRAC
Treat Vol : 4550 GAL	Flush Vol : 1000 GAL
Top Int : 1292 FEET	Bottom Int : 70 SKS
Notch/Perf : 1 NOTCH EACH	Comments :

SPECIAL CALCULATIONS

AVERAGE PRESSURE: 2238 *** AVERAGE RATE: 19.5 *** AVERAGE HHP: 1072 *** PTS USED: 10
 CALCULATED SHUT IN: ISIP *** 1176
 BROKE FORMATION: Brk Form *** 2636 BACK TO: 2622

LOGGED DATA

	Comment	CASEpsi	SLRRYbpm	s#SLRRYga	T#SLRRYga	HRPWRhhp
06:48:59	PAUSED	50	0.0	0	0	0
06:50:06	PAUSED	83	0.1	9	9	0
06:50:20	Brk Form	2217	3.3	17	17	83
06:50:34	ss1/2	2437	10.5	77	77	614
06:50:36	ZEROSUB	2456	11.5	91	91	687
06:51:20	sob	2488	17.1	500	596	1045
06:51:38	ss1	2386	19.5	727	823	1141
06:52:28	ss1.5	2208	20.8	1437	1533	1127
06:53:14	SS 2	2187	21.1	2108	2204	1132
06:53:18	ckr&p	2180	21.1	2166	2262	1129
06:54:14	ckr&p	2143	21.4	3004	3100	1126
06:55:26	ckr&p	2139	21.0	4069	4165	1102
06:56:04	fs	2130	21.1	4630	4726	1100
06:56:34	ZEROSUB	2099	21.7	5079	5175	1114
06:57:42	ff	2079	21.8	1021	6205	1111
06:58:06	ISIP	1136	0.1	1049	6233	0

POST JOB COMMENTS

(14) CW3K (.2) CW3K Activator
 <70.00> Sand - API Spec 20/40 Mesh - per sack
 <1.00> Super OW 3 - per gallon

END OF REPORT

Customer :GUARDIAN EXPLORATION

Lease :REYNOLDS RX-204

Invoice	:4438	Stage	:5 of 13
Date	:Thu 07/13/2006	Start Time	:06:59:20 (06:59 AM)
Customer	:GUARDIAN EXPLORATION	Lease	:REYNOLDS RX-204
State	:PENNSYLVANIA	County	:POTTER COUNTY
Engineer	:SEAN LUCE	Comments	:
Primary	: 3-1/2;NPT;J-55; 9.20# - USED	Secondary	:NONE -
Formation	:BRADFORD 1ST	Job Type	:MULTI STAGE OPEN HOLE FRAC
Treat Vol	:3550 GAL	Flush Vol	:1000 GAL
Top Int	:1404 FEET	Bottom Int	:50 SKS
Notch/Perf	:1 NOTCH EACH	Comments	:

SPECIAL CALCULATIONS

AVERAGE PRESSURE: 2074 *** AVERAGE RATE: 21.2 *** AVERAGE HHP: 1079 *** PTS USED: 9

CALCULATED SHUT IN: ISIP *** 1177

BROKE FORMATION: Brk Form *** 2457 BACK TO: 2448

BROKE FORMATION: Brk Form *** 2457 BACK TO: 2448

LOGGED DATA

	Comment	CASEpsi	SLRRYbpm	s#SLRRYga	T#SLRRYga	HREWRhhp
07:22:52	PAUSED	73	3.8	2	2	4
07:39:16	PAUSED	48	0.1	15	15	0
07:39:34	Brk Form	1958	4.5	30	30	128
07:39:36	Brk Form	1852	2.9	37	37	119
07:39:52	ZEROSUB	2395	15.8	148	148	914
07:39:54	ZEROSUB	2433	17.0	11	172	1013
07:40:34	sob	2360	19.5	541	703	1129
07:40:46	ss1	2267	20.0	707	869	1109
07:41:34	ss1.5	2077	21.4	1413	1574	1089
07:42:22	SS 2	2040	21.5	2131	2293	1073
07:42:30	ckr&p	2036	21.5	2253	2415	1074
07:43:24	ckr&p	2013	21.5	3067	3228	1062
07:43:58	fs	1998	21.5	3577	3739	1055
07:44:30	sf	1956	22.0	4067	4229	1055
07:44:32	ZEROSUB	1957	21.9	14	4261	1052
07:45:38	ff	1921	22.2	1032	5280	1047
07:46:02	ISIP	1165	0.0	1053	5300	0

POST JOB COMMENTS

(11) CW3K (.2) CW3K Activator

<50.00> Sand - API Spec 20/40 Mesh - per sack

<1.00> Super OW 3 - per gallon

END OF REPORT

Invoice : 4438	Stage : 6 of 13
Date : Thu 07/13/2006	Start Time : 07:47:26 (07:47 AM)
Customer : GUARDIAN EXPLORATION	Lease : REYNOLDS RX-204
State : PENNSYLVANIA	County : POTTER COUNTY
Engineer : SEAN LUCE	Comments :
Primary : 3-1/2;NPT;J-55; 9.20# - USED	Secondary : NONE -
Formation : BRADFORD 1ST	Job Type : MULTI STAGE OPEN HOLE FRAC
Treat Vol : 4550 GAL	Flush Vol : 1100 GAL
Top Int : 1497 FEET	Bottom Int : 70 SKS
Notch/Perf : 1 NOTCH EACH	Comments :

SPECIAL CALCULATIONS

AVERAGE PRESSURE: 2070 *** AVERAGE RATE: 20.3 *** AVERAGE HHP: 1028 *** PTS USED: 11

CALCULATED SHUT IN: ISIP *** 797

CALCULATED SHUT IN: ISIP *** 797

BROKE FORMATION: Brk Form *** 2396 BACK TO: Error

LOGGED DATA

	Comment	CASEpsi	SLRRYbpm	s#SLRRYga	T#SLRRYga	HRPWRhhp
08:14:51	PAUSED	39	0.0	0	0	0
08:15:15	Brk Form	1981	3.6	26	26	74
08:15:31	ss1/2	2158	10.4	92	92	546
08:15:33	ZEROSUB	2130	11.0	2	108	568
08:16:17	sob	2373	19.5	559	664	1135
08:16:29	ss1	2317	19.7	723	828	1122
08:17:17	ss1.5	2096	21.5	1425	1531	1102
08:18:03	SS 2	2037	21.6	2114	2219	1078
08:18:07	ckr&p	2035	21.6	2178	2283	1077
08:19:03	ckr&p	2001	21.5	3015	3121	1055
08:20:13	ckr&p	1972	21.6	4069	4174	1043
08:20:47	fs	1954	21.6	4584	4689	1033
08:21:19	sf	1924	21.9	5070	5176	1035
08:21:21	ZEROSUB	1925	21.9	18	5208	1035
08:22:33	ff	1901	22.1	1130	6320	1031
08:23:01	ISIP	317	0.1	1155	6344	0
08:23:05	ISIP	68	0.0	1155	6344	0

POST JOB COMMENTS

(14) CW3K (.2) CW3K Activator

<70.00> Sand - API Spec 20/40 Mesh - per sack

<1.00> Super OW 3 - per gallon

END OF REPORT

Invoice	: 4438	Stage	: 7 of 13
Date	: Thu 07/13/2006	Start Time	: 08:27:23 (08:27 AM)
Customer	: GUARDIAN EXPLORATION	Lease	: REYNOLDS RX-204
State	: PENNSYLVANIA	County	: POTTER COUNTY
Engineer	: SEAN LUCE	Comments	:
Primary	: 3-1/2;NPT;J-55; 9.20# - USED	Secondary	: NONE -
Formation	: BRADFORD 1ST	Job Type	: MULTI STAGE OPEN HOLE FRAC
Treat Vol	: 5050 GAL	Flush Vol	: 1100 GAL
Top Int	: 1549 FEET	Bottom Int	: 80 SKS
Notch/Perf	: 1 NOTCH EACH	Comments	:

SPECIAL CALCULATIONS

AVERAGE PRESSURE: 2106 *** AVERAGE RATE: 20.6 *** AVERAGE HHP: 1066 *** PTS USED: 12
 CALCULATED SHUT IN: ISIP *** 1295
 BROKE FORMATION: Brk Form *** 2612 BACK TO: 2302

LOGGED DATA

	Comment	CASEpsi	SLRRYbpm	s#SLRRYga	T#SLRRYga	HRPWRhhp
08:39:18	PAUSED	49	0.1	0	0	0
08:39:34	Brk Form	2234	3.1	17	17	161
08:39:44	ss1/2	2373	15.2	90	90	876
08:39:46	ZEROSUB	2409	16.6	110	110	957
08:40:28	sob	2171	20.7	578	692	1101
08:40:38	ss1	2166	21.1	728	842	1119
08:41:26	ss1.5	2123	21.1	1436	1549	1099
08:42:14	SS 2	2092	21.1	2142	2256	1080
08:42:16	ckr&p	2090	21.1	2169	2283	1079
08:43:14	ckr&p	2050	21.1	3026	3139	1059
08:44:22	ckr&p	2038	21.1	4026	4140	1052
08:45:02	ckr&p	2025	21.1	4620	4734	1047
08:45:32	fs	2037	21.1	5062	5176	1054
08:46:06	sf	2052	21.4	5569	5682	1078
08:46:08	ZEROSUB	2053	21.4	13	5714	1078
08:47:22	ff	2056	21.6	1127	6827	1087
08:47:46	ISIP	1271	0.1	1167	6867	2

POST JOB COMMENTS

(17) CW3K (.2) CW3K Activator
 <1.00> Super OW 3 - per gallon
 <80.00> Sand - API Spec 20/40 Mesh - per sack

END OF REPORT

Invoice :4438	Stage :8 of 13
Date :Thu 07/13/2006	Start Time :08:52:07 (08:52 AM)
Customer :GUARDIAN EXPLORATION	Lease :REYNOLDS RX-204
State :PENNSYLVANIA	County :POTTER COUNTY
Engineer :SEAN LUCE	Comments :
Primary : 3-1/2;NPT;J-55; 9.20# - USED	Secondary :NONE -
Formation :CHIPMUNK	Job Type :MULTI STAGE OPEN HOLE FRAC
Treat Vol :5550 GAL	Flush Vol :1100 GAL
Top Int :1553 FEET	Bottom Int :90 SKS
Notch/Perf :1 NOTCH EACH	Comments :

SPECIAL CALCULATIONS

AVERAGE PRESSURE: 2184 *** AVERAGE RATE: 20.4 *** AVERAGE HHP: 1093 *** PTS USED: 12
 CALCULATED SHUT IN: ISIP *** 1281
 BROKE FORMATION: Brk Form *** 2915 BACK TO: 2217

LOGGED DATA

	Comment	CASEpsi	SLRRYbpm	s#SLRRYga	T#SLRRYga	HFPWRhhp
09:12:20	PAUSED	186	0.1	1	1	5
09:14:31	PAUSED	1572	0.7	15	15	0
09:14:39	Brk Form	1978	5.1	22	22	192
09:14:51	ss1/2	2312	18.8	128	128	1053
09:14:53	ZEROSUB	2293	19.7	4	156	1106
09:15:35	sob	2174	20.5	591	744	1093
09:15:47	ss1	2178	20.5	768	920	1095
09:16:33	ss1.5	2171	20.6	1422	1575	1093
09:17:21	SS 2	2173	20.5	2114	2266	1091
09:17:27	ckr&p	2174	20.4	2200	2352	1089
09:18:25	ckr&p	2183	20.4	3027	3179	1092
09:19:35	ckr&p	2176	20.4	4031	4184	1088
09:20:47	ckr&p	2180	20.4	5062	5214	1091
09:21:23	fs	2176	20.5	5578	5730	1095
09:21:57	sf	2162	20.9	6069	6221	1105
09:21:59	ZEROSUB	2164	20.9	4	6252	1106
09:23:15	ff	2155	21.1	1118	7366	1113
09:23:37	ISIP	1294	0.0	1139	7386	0

POST JOB COMMENTS

(18) CW3K (.2) CW3K Activator
 <90.00> Sand - API Spec 20/40 Mesh - per sack
 <1.00> Super OW 3 - per gallon

END OF REPORT

Invoice : 4438	Stage : 9 of 13
Date : Thu 07/13/2006	Start Time : 09:25:07 (09:25 AM)
Customer : GUARDIAN EXPLORATION	Lease : REYNOLDS RX-204
State : PENNSYLVANIA	County : POTTER COUNTY
Engineer : SEAN LUCE	Comments :
Primary : 3-1/2;NPT;J-55; 9.20# - USED	Secondary : NONE -
Formation : CHIPMUNK	Job Type : MULTI STAGE OPEN HOLE FRAC
Treat Vol : 5550 GAL	Flush Vol : 1100 GAL
Top Int : 1557 FEET	Bottom Int : 90 SKS
Notch/Perf : 1 NOTCH EACH	Comments :

SPECIAL CALCULATIONS

AVERAGE PRESSURE: 2142 *** AVERAGE RATE: 19.9 *** AVERAGE HHP: 1043 *** PTS USED: 13

CALCULATED SHUT IN: ISIP *** 1333

CALCULATED SHUT IN: ISIP *** 1333

BROKE FORMATION: Brk Form *** 2383 BACK TO: 2235

BROKE FORMATION: Brk Form *** 2383 BACK TO: 2250

LOGGED DATA

	Comment	CASEpsi	SLRRYbpm	s#SLRRYga	T#SLRRYga	HRFWRhhp
09:35:39	PAUSED	44	0.0	0	0	0
09:36:21	Brk Form	1865	3.4	21	21	130
09:36:23	Brk Form	1720	4.9	26	26	193
09:36:33	ss1/2	2082	14.0	98	98	795
09:36:35	ZEROSUB	2130	15.3	3	120	787
09:37:17	sob	2237	20.2	580	697	1107
09:37:27	ss1	2222	20.2	720	837	1102
09:38:17	ss1.5	2200	20.5	1432	1548	1103
09:39:05	SS 2	2196	20.4	2114	2230	1097
09:39:11	ckr&p	2196	20.3	2199	2316	1093
09:40:11	ckr&p	2188	20.3	13	3164	1088
09:41:21	ckr&p	2183	20.4	1010	4161	1091
09:41:23	ckr&p	2183	20.4	1040	4191	1091
09:42:35	ckr&p	2192	20.2	2064	5215	1087
09:43:11	fs	2195	20.3	2576	5727	1093
09:43:45	sf	2194	20.6	3063	6214	1107
09:43:47	ZEROSUB	2193	20.5	4	6244	1104
09:45:05	ff	1572	20.6	1136	7376	1118
09:45:21	ISIP	1320	0.0	1142	7382	0
09:45:23	ISIP	1306	0.0	1142	7382	0

POST JOB COMMENTS

(18) CW3K (.2) CW3K Activator

<90.00> Sand - API Spec 20/40 Mesh - per sack

<1.00> Super OW 3 - per gallon

END OF REPORT

Invoice : 4438	Stage : 10 of 13
Date : Thu 07/13/2006	Start Time : 09:46:23 (09:46 AM)
Customer : GUARDIAN EXPLORATION	Lease : REYNOLDS RX-204
State : PENNSYLVANIA	County : POTTER COUNTY
Engineer : SEAN LUCE	Comments :
Primary : 3-1/2;NPT;J-55; 9.20# - USED	Secondary : NONE -
Formation : CHIPMUNK	Job Type : MULTI STAGE OPEN HOLE FRAC
Treat Vol : 5550 GAL	Flush Vol : 1100 GAL
Top Int : 1561 FEET	Bottom Int : 90 SKS
Notch/Perf : 1 NOTCH EACH	Comments :

SPECIAL CALCULATIONS

AVERAGE PRESSURE: 2575 *** AVERAGE RATE: 17.3 *** AVERAGE HHP: 1092 *** PTS USED: 11

CALCULATED SHUT IN: ISIP *** 1378

BROKE FORMATION: Brk Form *** 2696 BACK TO: 2554

LOGGED DATA

	Comment	CASEpsi	SLRRYbpm	s#SLRRYga	T#SLRRYga	HRPWRhhp
09:57:02	PAUSED	83	0.1	1	1	2
09:57:40	Brk Form	2419	7.8	74	74	497
09:57:54	ss1/2	2584	12.8	186	186	814
09:57:56	ZEROSUB	2552	12.7	5	205	798
09:58:48	sob	2609	17.0	587	787	1089
09:58:58	ss1	2609	17.4	710	909	1112
09:59:54	ss1.5	2499	18.6	1417	1617	1139
10:00:48	SS 2	2528	18.2	2112	2311	1128
10:00:52	ckr&p	2530	18.2	2166	2365	1131
10:02:02	ckr&p	2598	17.6	3038	3237	1122
10:03:24	ckr&p	2599	17.3	4043	4243	1099
10:04:46	ckr&p	2622	17.2	5041	5240	1105
10:05:30	fs	2603	17.6	5571	5771	1126
10:06:10	ZEROSUB	2584	18.0	6077	6276	1142
10:07:38	ff	2541	18.4	1123	7402	1148
10:07:58	ISIP	1334	0.0	1135	7415	2

POST JOB COMMENTS

(18) CW3K (.2) CW3K Activator

<90.00> Sand - API Spec 20/40 Mesh - per sack

<1.00> Super OW 3 - per gallon

END OF REPORT

Customer : GUARDIAN EXPLORATION

Lease : REYNOLDS RX-204

Invoice	: 4438	Stage	: 11 of 13
Date	: Thu 07/13/2006	Start Time	: 10:32:25 (10:32 AM)
Customer	: GUARDIAN EXPLORATION	Lease	: REYNOLDS RX-204
State	: PENNSYLVANIA	County	: POTTER COUNTY
Engineer	: SEAN LUCE	Comments	:
Primary	: 3-1/2;NPT;J-55; 9.20# - USED	Secondary	: NONE -
Formation	: CHIPMUNK	Job Type	: MULTI STAGE OPEN HOLE FRAC
Treat Vol	: 0 GAL	Flush Vol	: 0 GAL
Top Int	: 1565 FEET	Bottom Int	: 0 SKS
Notch/Perf	: 1 NOTCH EACH	Comments	:

SPECIAL CALCULATIONS

BROKE FORMATION: Brk Form *** 3394 BACK TO: 2784
 BROKE FORMATION: Brk Form *** 4795 BACK TO: 1585

LOGGED DATA

	Comment	CASEpsi	SLRRYbpm	s#SLRRYga	T#SLRRYga	HRPWRhhp
10:24:27	PAUSED	142	0.1	0	0	0
10:24:47	Brk Form	3203	0.0	16	16	38
10:29:05	Brk Form	4795	17.0	410	410	2106

POST JOB COMMENTS

Formation Would Not Break
 Formation Skipped
 As Per Customer

END OF REPORT

Invoice : 4438	Stage : 12 of 13
Date : Thu 07/13/2006	Start Time : 10:35:33 (10:35 AM)
Customer : GUARDIAN EXPLORATION	Lease : REYNOLDS RX-204
State : PENNSYLVANIA	County : POTTER COUNTY
Engineer : SEAN LUCE	Comments :
Primary : 3-1/2;NPT;J-55; 9.20# - USED	Secondary : NONE -
Formation : CHIPMUNK	Job Type : MULTI STAGE OPEN HOLE FRAC
Treat Vol : 5550 GAL	Flush Vol : 1200 GAL
Top Int : 1869 FEET	Bottom Int : 90 SKS
Notch/Perf : 1 NOTCH EACH	Comments :

SPECIAL CALCULATIONS

AVERAGE PRESSURE: 2309 *** AVERAGE RATE: 19.1 *** AVERAGE HHP: 1083 *** PTS USED: 11
 CALCULATED SHUT IN: ISIP *** 1533
 BROKE FORMATION: Brk Form *** 3066 BACK TO: 2597

LOGGED DATA

	Comment	CASEpsi	SLRRYbpm	s#SLRRYga	T#SLRRYga	HREWRhhp
11:59:13	PAUSED	73	0.0	0	0	0
11:59:35	Brk Form	2236	4.0	15	15	205
11:59:55	ss1/2	2628	11.5	112	112	731
11:59:57	ZEROSUB	2654	12.2	129	129	790
11:59:59	ZEROSUB	2667	12.7	8	145	825
12:01:15	sob	2863	15.8	702	839	1108
12:01:19	ss1	2810	16.2	746	883	1115
12:02:11	ss1.5	2240	19.9	1415	1552	1091
12:03:01	SS 2	2176	20.6	2122	2259	1096
12:03:05	ckr&p	2174	20.6	2178	2315	1096
12:04:05	ckr&p	2126	21.2	3049	3187	1102
12:05:13	ckr&p	2105	21.1	4058	4195	1090
12:06:21	ckr&p	2084	21.2	5068	5205	1082
12:06:55	fs	2080	21.0	5567	5704	1071
12:07:29	ZEROSUB	2085	21.6	6072	6210	1102
12:08:49	ff	2109	21.4	1200	7419	1108
12:09:15	ISIP	1464	0.0	1233	7451	0

POST JOB COMMENTS

(18) CW3K (.2) CW3K Activator
 <90.00> Sand - API Spec 20/40 Mesh - per sack
 <1.00> Super OW 3 - per gallon

END OF REPORT

Invoice : 4438	Stage : 13 of 13
Date : Thu 07/13/2006	Start Time : 12:10:44 (12:10 PM)
Customer : GUARDIAN EXPLORATION	Lease : REYNOLDS RX-204
State : PENNSYLVANIA	County : POTTER COUNTY
Engineer : SEAN LUCE	Comments :
Primary : 3-1/2;NPT;J-55; 9.20# - USED	Secondary : NONE -
Formation : CHIPMUNK	Job Type : MULTI STAGE OPEN HOLE FRAC
Treat Vol : 5550 GAL	Flush Vol : 1200 GAL
Top Int : 1908.5 FEET	Bottom Int : 90 SKS
Notch/Perf : 1 NOTCH EACH	Comments :

SPECIAL CALCULATIONS

AVERAGE PRESSURE: 2414 *** AVERAGE RATE: 18.6 *** AVERAGE HHP: 1103 *** PTS USED: 12

CALCULATED SHUT IN: ISIP *** 1448

BROKE FORMATION: Brk Form *** 3203 BACK TO: 2684

LOGGED DATA

	Comment	CASEpsi	SLRRYbpm	s#SLRRYga	T#SLRRYga	HRPWRhhp
12:30:57	PAUSED	35	0.0	0	0	0
12:32:34	PAUSED	59	0.0	37	37	0
12:33:13	Brk Form	2332	2.7	66	66	154
12:35:13	ZEROSUB	2811	9.6	776	776	656
12:36:49	ssl	2883	12.1	720	1500	858
12:38:04	ssl.5	2757	16.7	1418	2199	1130
12:39:01	SS 2	2515	18.3	2118	2898	1128
12:39:07	ckr&p	2492	18.6	2195	2975	1134
12:40:09	ckr&p	2379	19.2	3008	3789	1117
12:40:11	ckr&p	2373	19.2	3037	3817	1117
12:41:25	ckr&p	2321	19.4	4037	4817	1104
12:42:59	ckr&p	2277	19.7	5317	6097	1101
12:43:19	fs	2274	19.8	5595	6375	1102
12:43:53	sf	2242	20.1	6068	6848	1105
12:43:55	ZEROSUB	2240	20.1	4	6878	1105
12:45:21	ff	2231	20.3	1218	8091	1111
12:45:23	ff	2229	20.3	1248	8121	1112
12:45:45	ISIP	1481	0.0	1256	8130	2

POST JOB COMMENTS

(18) CW3K (.2) CW3K Activator

<90.00> Sand - API Spec 20/40 Mesh - per sack

<1.00> Super OW 3 - per gallon

END OF REPORT