

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB NO 1004-0137
Expires July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

AUG 13 2012

Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.
Farmington Field Office
Bureau of Land Management

SUBMIT IN TRIPLICATE - Other instructions on page 2

1 Type of Well
☐ Oil Well ☐ Gas Well ☒ Other INJECTION2 Name of Operator
XTO ENERGY INC.3a Address
382 CR 3100 AZTEC, NM 874103b Phone No (include area code)
505-333-31764 Location of Well (Footage, Sec, T, R, M, or Survey Description)
1200' ENL & 1380' FEL NNE SEC. 1 (B) - T29N-R15W N.M.P.M.

5 Lease Serial No

NM-10758

6 If Indian, Allottee or Tribe Name

7 If Unit or CA/Agreement, Name and/or No

8 Well Name and No
SALTY DOG SWD #1

9 API Well No

30-045-29946

10 Field and Pool, or Exploratory Area
MESAVERDE SWD11 County or Parish, State
SAN JUAN NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other STEP-RATE
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	TEST
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

XTO Energy Inc. proposes to perform a step rate test on the Salty Dog SWD #1 per the following:

MIRU SLJ. RIH w/10K pressure bombs to 3,138'. MIRU pump truck. Run step rate test while monitoring casing and bradenhead pressures. 1st step at .5 BPM. Increase rate up to 10 BPM or maximum bottom hole pressure of 2,500 psig using .5 BPM increments and hold each increment for 15 minutes as pressure stabilizes. Record ISIP, 5, 10 & 15 minute SIP's. POH w/BH pressure gauges 24 hours after completion of the step rate test. RDMO SLJ.

Well history & diagram are attached.

* Must have 3 steps above and 3 steps below breakover point
* See attached Guidelines

RCVD AUG 16 '12
OIL CONS. DIV.
DIST. 3Notify NMOCD 24 hrs
prior to beginning
operations14 I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

SHERRY J. MORROW

Title REGULATORY ANALYST

Signature

Sherry J. Morrow

Date 8/10/2012

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

AUG 14 2012

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

FARMINGTON FIELD OFFICE

BY Jm

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

Step Rate Test Procedure

XTO Energy Inc. proposes to perform a step rate test on the Salty Dog SWD #1.

Procedure:

MIRU SLU. RIH w/10K pressure bombs to 3,138'. MIRU pump truck. Run step rate test while monitoring casing and bradenhead pressures. 1st step at .5 BPM. Increase rate up to 10 BPM or maximum bottom hole pressure of 2,500 psig using .5 BPM increments and hold each increment for 15 minutes as pressure stabilizes. Record ISIP, 5, 10 & 15 minute SIP's. POH w/BH pressure gauges 24 hours after completion of the step rate test. RDMO SLU.

Well history & diagram are attached

Salty Dog #1 SWD			
Month: Jan-10			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2		1116	0
3	881	1375	0
4	1527	1375	0
5	1707	1429	0
6	744	1331	0
7	1697	1390	0
8	2132	1256	0
9	2284	1056	0
10	1357	1217	0
11	247	1303	0
12	1366	1384	0
13	1590	1256	0
14	1465	1279	0
15	2190	1050	0
16	2408	1332	0
17	2252	1241	0
18	1557	1025	0
19	2360	1301	0
20	2080	1290	0
21	1742	1384	0
22	1466	1313	0
23	2165	1255	0
24	2176	1055	0
25	1904	890	0
26	1370	1048	0
27	1200	1302	0
28	1289	1354	0
29	1562	1356	0
30	1904	1365	0
31	2052	1397	0
1	1706	1345	0

Month: Feb-10			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	2097	1394	0
3	1796	1273	0
4	1633	1326	0
5	1351	854	0
6	2109	1425	0
7	1587	1401	0
8	726	858	0
9	1734	1363	0
10	1249	1132	0
11	1690	1321	0
12	1901	1389	0
13	2086	1354	0
14	1542	961	0
15	1254	1260	0
16	2105	1384	0
17	1904	1339	0
18	2185	1400	0
19	1648	1355	0
20	1766	1371	0
21	1210	1155	0
22	1696	1351	0
23	1654	1192	0
24	1903	1319	0
25	1769	1276	0
26	1064	352	0
27	1211	1005	0
28	603	787	0
29			
30			
31			
1	345	787	0

Month: Mar-10			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	1994	1392	0
3	1502	1380	0
4	1550	1367	0
5	908	1005	0
6	1375	1147	0
7	996	1214	0
8	744	914	0
9	1462	1368	0
10	1712	1180	0
11	1876	1406	0
12	866	1320	45
13	1555	1365	75
14	1393	1389	68
15	1412	1385	0
16	931	1232	0
17	1130	1207	0
18	1282	1187	0
19	1025	1418	0
20	1999	1381	0
21	1182	643	0
22	1002	1178	0
23	508	1222	100
24	0	1181	155
25	878	1352	0
26	504	989	0
27	735	1110	0
28	420	1324	0
29	391	1339	0
30	1016	1168	0
31	1247	1385	0
1	1079	1377	0

Month: Apr-10			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	753	1377	0
3	1132	1104	0
4	362	775	0
5	416	1079	0
6	1181	1368	0
7	1186	1361	0
8	1905	1389	0
9	1860	1328	0
10	1014	1143	0
11	1151	1380	0
12	992	1371	0
13	1368	1350	167
14	1269	1369	25
15	1298	1362	0
16	1510	1291	0
17	1367	1230	0
18	597	1242	0
19	771	1336	0
20	1414	1350	0
21	871	1320	0
22	1677	1254	0
23	1181	590	71
24	1244	531	0
25	840	737	0
26	0	1065	12
27	1579	532	0
28	1509	1335	0
29	1319	1203	0
30			
31			
1	850	951	0

Month: May-10			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	957	1045	0
3	507	1295	0
4	1638	1349	0
5	1481	1311	0
6	1539	1324	0
7	1182	1334	0
8	1684	1310	0
9	967	1148	0
10	943	1227	0
11	937	1213	0
12	727	1225	0
13	810	904	0
14	1089	1100	0
15	1290	619	0
16	1461	1188	0
17	485	1300	0
18	1585	1268	0
19	559	443	0
20	1389	1340	0
21	1162	1335	0
22	1128	1317	0
23	1037	572	0
24	1486	1144	0
25	1802	1168	0
26	1521	1341	0
27	789	1193	0
28	1401	562	0
29	1409	1328	0
30	749	1079	0
31	1137	1260	0
1	799	975	0

Month: Jun-10			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	1075	1311	0
3	1185	1222	0
4	1316	1203	0
5	1191	1189	11
6	1043	877	25
7	2310	1330	0
8	1820	1285	0
9	1112	1311	0
10	1440	589	0
11	1414	1319	0
12	1856	623	0
13	1301	1313	0
14	926	1149	0
15	1513	1182	0
16	1275	1307	0
17	1733	1153	0
18	813	1310	0
19	1525	1254	0
20	2063	1340	0
21	1804	1345	0
22	2819	1343	0
23	1029	1347	0
24	1846	1338	0
25	1690	1200	9
26	1436	1257	13
27	1022	689	0
28	1447	1340	12
29	1275	926	0
30	1630	1089	0
31			
1	1588	1334	0

Month: Jul-10			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	1790	1028	0
3	1759	1331	0
4	1970	1103	0
5	1849	1357	0
6	2050	1370	0
7	1335	647	1
8	1260	1331	0
9	1668	1329	0
10	1553	1228	0
11	1458	1265	0
12	1903	1364	0
13	1281	1342	0
14	1638	1204	0
15	1728	1299	0
16	1299	1175	30
17	1508	1221	54
18	1395	1346	65
19	1617	1356	91
20	1154	643	0
21	1134	1328	0
22	1218	970	0
23	0	540	0
24	1009	560	0
25	1496	592	0
26	1617	1321	0
27	1700	629	0
28	1431	795	0
29	1362	986	0
30	1342	946	0
31	1568	569	0
1	1204	1018	0

Month: Aug-10			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	1580	1330	0
3	1577	663	0
4	749	1154	0
5	1623	1135	0
6	1128	416	1
7	1214	1304	10
8	1546	1177	11
9	1455	1189	0
10	1008	413	0
11	1343	954	0
12	1484	1318	0
13	1288	1304	0
14	1586	1295	0
15	1543	1324	0
16	1547	1328	0
17	1085	1311	28
18	1084	1090	46
19	1694	1293	0
20	1509	1328	0
21	1277	497	0
22	1676	1340	0
23	1825	1028	0
24	1434	759	0
25	1242	405	0
26	1706	511	0
27	979	836	0
28	937	1300	0
29	959	1290	0
30	2026	945	0
31	399	1148	0
1	0	1087	0

Month: Sep-10			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	0	1054	0
3	0	1054	0
4	1	1016	0
5	882	1241	0
6	1304	1256	0
7	409	1137	0
8	1413	1256	0
9	785	1384	0
10	1168	1395	0
11	590	1190	0
12	626	1195	0
13	483	1306	0
14	768	1385	0
15	660	1179	0
16	8	1304	0
17	824	1380	0
18	222	1150	0
19	816	1284	0
20	728	1389	0
21	560	1194	0
22	250	1123	0
23	433	1146	0
24	242	1132	0
25	478	1357	0
26	377	1133	0
27	531	1366	0
28	109	1085	0
29	655	1360	0
30	459	1141	0
31			
1	442	1171	0

Month: Oct-10			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	437	1144	0
3	434	1141	0
4	0	1061	0
5	555	1121	0
6	531	1132	0
7	644	1148	0
8	498	1265	4
9	365	1128	3
10	819	1338	0
11	325	1319	28
12	742	1172	90
13	309	1229	0
14	240	1133	0
15	689	1140	0
16	207	1123	0
17	141	1095	0
18	1129	1335	0
19	1139	1377	0
20	548	1371	0
21	400	1256	0
22	277	1351	0
23	497	1153	0
24	801	1170	0
25	875	1180	0
26	179	1152	0
27	523	1155	0
28	280	1134	0
29	175	1300	0
30	507	1324	0
31	659	1854	0
1	870	1366	0

Month: Nov-10			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	349	1161	0
3	381	1340	0
4	499	1356	0
5	199	1122	0
6	716	1148	0
7	164	1300	0
8	1667	1365	0
9	988	1176	0
10	1407	1288	0
11	2161	1406	0
12	1704	1438	0
13	495	1220	0
14	337	1378	0
15	225	1172	0
16	170	1267	0
17	667	1368	0
18	658	1170	0
19	246	1142	0
20	259	1140	0
21	694	1171	0
22	623	1351	0
23	669	1170	0
24	491	1156	0
25	454	1157	0
26	359	1346	0
27	547	1148	0
28	364	1261	0
29	627	1339	0
30	426	1357	0
31			
1	426	1351	0

Month: Dec-10			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	1420	1349	0
3	454	1369	1300
4	339	1226	1049
5	544	1349	202
6	51	1102	1104
7	1317	1205	643
8	737	1392	1392
9	232	1139	1139
10	469	1357	321
11	576	1332	300
12	943	1200	122
13	519	1357	1334
14	836	1328	1346
15	2	1117	1150
16	89	1095	712
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
1	0	0	0

Month: Jan-11			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
1	0	0	0

Month: Feb-11			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	0	825	0
3	0	825	0
4	0	825	0
5	0	825	0
6	1	1134	0
7	1579	927	0
8	165	940	0
9	581	1156	0
10	889	1182	0
11	490	1205	0
12	605	1210	0
13	113	975	0
14	382	1013	0
15	536	986	0
16	445	1001	0
17	652	1013	0
18	667	1237	0
19	852	1061	0
20	831	1163	0
21	649	1140	0
22	610	1265	0
23	475	1235	0
24	1362	1276	0
25	106	1181	0
26	825	1276	0
27	339	1264	0
28	561	1255	0
29			
30			
31			
1	393	1245	0

Month: Mar-11			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	613	1063	0
3	1149	1153	0
4	152	1162	0
5	329	1175	30
6	331	1041	0
7	817	1282	0
8	961	1271	0
9	308	1224	0
10	248	1198	0
11	905	1294	0
12	752	1253	0
13	309	1195	0
14	965	1226	0
15	159	1219	0
16	770	1302	0
17	1524	1281	0
18	1376	1323	0
19	1439	1179	0
20	1099	1314	0
21	666	1107	0
22	523	1203	0
23	578	1273	0
24	836	1314	0
25	1229	1311	0
26	1154	1344	0
27	755	1350	0
28	1308	1272	0
29	423	1296	0
30	769	1322	0
31	809	1319	0
1	995	1348	0

Month: Apr-11			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	406	1311	0
3	916	1317	0
4	479	1329	0
5	886	1340	0
6	811	1195	3
7	113	1230	0
8	1467	1336	0
9	677	1181	0
10	626	1328	0
11	420	1230	0
12	1209	1334	0
13	846	1341	0
14			
15	346	1296	0
16	921	1179	0
17	2064	1370	0
18	959	1335	0
19	1507	1355	0
20	933	1367	0
21	1413	1292	0
22	666	1233	0
23	314	1321	0
24	552	1205	0
25	450	1204	0
26	476	1319	0
27	581	1224	0
28	376	1332	0
29	341	1173	0
30	770	1167	0
31			
1	511	1167	0

Month: May-11			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	570	1247	0
3	1007	1332	0
4	885	1252	0
5	420	1292	0
6	238	1229	0
7	807	1295	6
8	669	1176	22
9	550	1330	0
10	924	1355	0
11	806	1343	0
12	442	1335	0
13	278	1317	0
14	912	1280	0
15	776	1202	30
16	1827	1387	0
17	909	1365	0
18	1026	1374	0
19	887	1376	24
20	784	1282	0
21	409	1208	21
22	927	1372	0
23	165	1159	35
24	572	1309	11
25	759	1329	0
26	418	1315	7
27	980	1257	20
28	814	1321	0
29	648	1214	0
30	301	1192	42
31	725	1171	21
1	899	1226	19

Month: Jun-11			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	259	1167	29
3	1105	1219	9
4	824	1311	12
5	433	1192	40
6	493	1260	12
7	605	1185	0
8	547	1185	0
9	1203	1336	0
10	717	1314	0
11	897	1200	0
12	606	1189	0
13	353	1223	10
14	432	1227	4
15	779	1199	1
16	785	1378	1
17	627	1346	4
18	810	1213	3
19	839	1206	10
20	197	1189	7
21	726	1181	17
22	753	1204	12
23	380	1168	33
24	423	1145	43
25	359	1145	0
26	291	1132	0
27	328	1119	0
28	422	1131	3
29	742	1343	0
30	795	1365	7
31			
1	1135	1187	9

Month: Jul-11			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	653	1188	19
3	549	1181	144
4	540	1167	4
5	309	1287	6
6	337	1137	5
7	299	1165	194
8	895	1232	29
9	495	1218	0
10	207	1180	25
11	768	1348	10
12	835	1366	0
13	950	1196	0
14	1314	1377	0
15	737	1357	37
16	517	1179	120
17	1013	1320	104
18	0	1146	222
19	486	1146	42
20	372	1171	21
21	504	1335	0
22	1125	1236	82
23	376	1184	47
24	0	1112	14
25	228	1111	35
26	471	1129	38
27	473	1185	5
28	995	1360	11
29	624	1157	138
30	695	1178	46
31	21	1234	71
1	185	1094	97

Month: Aug-11			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	414	1131	81
3	820	1261	91
4	227	1185	158
5	631	1214	122
6	411	1232	102
7	218	1132	254
8	318	1272	327
9	83	1080	25
10	0	1051	0
11	499	1112	65
12	416	1096	63
13	0	1069	85
14	0	1028	93
15	0	1002	98
16	0	986	101
17	0	971	103
18	0	960	105
19	0	949	107
20	0	938	107
21	0	931	109
22	0	922	110
23	0	914	112
24	0	906	112
25	0	899	113
26	0	893	114
27	0	886	115
28	0	880	115
29	0	874	117
30	0	868	117
31	0	864	118
1	0	859	120

Month: Sep-11			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	0	853	120
3	0	849	120
4	0	844	122
5	0	840	122
6	0	835	123
7	0	831	3
8	0	827	4
9	0	823	5
10	0	820	5
11	0	815	8
12	0	812	11
13	0	808	12
14	0	805	15
15	0	801	17
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31			
1	0	0	0

Month: Oct-11			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	8
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
1	0	0	0

Month: Nov-11			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	0	0	0
3	0	0	0
4	0	710	0
5	250	758	0
6	141	772	8
7	654	1089	0
8	89	795	263
9	0	757	60
10	151	784	23
11	0	750	56
12	334	998	0
13	0	791	82
14	583	860	179
15	960	959	108
16	204	882	211
17	0	831	89
18	0	803	54
19	0	784	36
20	0	769	70
21	0	757	97
22	0	748	121
23	0	740	143
24	0	734	161
25	0	726	180
26	0	721	195
27	0	716	208
28	0	711	222
29	0	707	235
30	0	703	247
31			
1	0	700	256

Month: Dec-11			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	0	696	267
3	0	692	276
4	0	692	287
5	0	687	295
6	0	684	302
7	0	681	311
8	0	678	319
9	0	677	325
10	0	674	332
11	0	672	339
12	0	670	343
13	0	668	350
14	0	666	354
15	0	664	361
16	0	662	365
17	0	660	370
18	0	659	375
19	0	657	380
20	0	655	385
21	0	653	390
22	0	652	395
23	0	650	401
24	0	649	405
25	0	648	410
26	0	646	417
27	0	645	421
28	0	643	429
29	0	641	435
30	0	640	445
31	0	639	453
1	0	637	463

Month: Jan-12			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	0	636	473
3	0	635	484
4	0	633	492
5	0	632	501
6	0	632	513
7	0	630	527
8	0	628	539
9	0	628	553
10	0	626	563
11	0	625	574
12	0	624	585
13	0	623	593
14	0	622	595
15	0	620	598
16	0	619	600
17	0	618	604
18	0	617	608
19	0	616	610
20	0	615	610
21	0	614	610
22	0	614	610
23	0	612	611
24	0	611	611
25	0	610	610
26	0	609	609
27	0	609	609
28	0	607	609
29	0	606	608
30	0	604	607
31	0	604	604
1	0	603	605

Month: Feb-12			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	0	602	604
3	0	601	601
4	0	600	599
5	0	599	599
6	0	598	598
7	0	598	598
8	0	598	598
9	0	595	597
10	0	596	596
11	0	594	594
12	0	594	594
13	0	592	596
14	0	593	593
15	0	591	594
16	0	590	592
17	0	588	590
18	0	588	590
19	0	587	591
20	0	586	591
21	0	586	593
22	0	584	591
23	0	583	591
24	0	582	591
25	0	582	589
26	0	581	592
27	0	580	590
28	0	580	586
29	0	578	587
30			
31			
1	0	578	577

Month: Mar-12			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	0	577	586
3	0	576	585
4	0	575	584
5	0	574	584
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
1	0	0	0

Month: Apr-12			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31			
1	0	0	0

Month: May-12			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
1	0	0	0

Month: Jun-12			
Date	Daily Water Injection	TBG.PSI	CSG.PSI
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
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29			
30			
31			
1			



Well Summary by Job

Well Name: Salty Dog SWD 01

API/UWI 30045299460000	Location T29N-R15W-S01	Field Name Entrada Mesaverde	Permit Number	State New Mexico	Well Configuration Type Vertical
Original KB Elevation (ft) 5,296.00	Ground Elevation (ft) 5,291.00	KB-Ground Distance (ft) 5.00	Spud Date 9/2/1999	Rig Release Date 9/18/1999	Total Depth (ftKB) 3,420.0

Jobs DRILLING 9/2/1999

Start Date 9/2/1999	End Date 10/28/1999	Job Category DRILLING	Primary Job Type / Initial Job Type Drilling Original & Initial Completion
AFE Number	Total AFE Amount	Total Field Estimated Cost	AFE-Field Estimate

Daily Operations 9/2/1999 9/2/1999

Report Start Date 9/2/1999	Report End Date 9/2/1999
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Operation Summary # 1

L&B SPEED DRILL #48 SPUDED 9-7/8" HOLE @ 9 00 A.M , 09/02/99 FOR RICHARDSON OPERATING CO. TD 9-7/8" HOLE @ 230'.

Remarks # 2

Construction Summary # 3

Daily Operations 9/3/1999 9/3/1999

Report Start Date 9/3/1999	Report End Date 9/3/1999
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Operation Summary # 1

SET 7-5/8", 26.4#, ST&C CSG @ 225' CEMENTERS INC CMT'D CSG W/90 SX (112 CUFT) CLASS B CMT. CIRC 7 BBLS CMT TO SURF.

Remarks # 2

Construction Summary # 3

Daily Operations 9/15/1999 9/15/1999

Report Start Date 9/15/1999	Report End Date 9/15/1999
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Operation Summary # 1

TD 6-3/4" HOLE @ 3,420'.

Remarks # 2

Construction Summary # 3

Daily Operations 9/18/1999 9/18/1999

Report Start Date 9/18/1999	Report End Date 9/18/1999
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Operation Summary # 1

SET 5-1/2", 15.5#, J-55, LT&C CSG @ 3,384' FC @ 3,363'. CEMENTER INC CMT'D CSG AS FOLLOWS 10 BFW, 10 BBLS SCAVENGER CMT, (LEAD) 185 SX (381 CUFT) CLASS B CMT W/0.25 PPS CELLOFLAKE & 2% SODIUM METASILICATE & (TAIL) 100 SX (118 CUFT) CLASS B CMT W/0.25 PPS CELLOFLAKE. DISP W/80 BW. CIRC 2 BBLS CMT TO SURF.

Remarks # 2

Construction Summary # 3

Well Tests

Start Date	Rate Oil End (bbl/day)	Rate Gas End (mcf/day)	Rate Water End (bbl/day)	Casing Pressure (psi)	Tubing Pressure (psi)	Line Pressure (psi)	Depth Fluid Level End (TVD) (ftKB)	Comment



Well Summary by Job

Well Name: Salty Dog SWD 01

API/UWI 30045299460000	Location T29N-R15W-S01	Field Name Entrada Mesaverde	Permit Number	State New Mexico	Well Configuration Type Vertical
Original KB Elevation (ft) 5,296.00	Ground Elevation (ft) 5,291.00	KB-Ground Distance (ft) 5.00	Spud Date 9/2/1999	Rig Release Date 9/18/1999	Total Depth (ftKB) 3,420.0

Daily Operations 10/22/1999 10/22/1999

Report Start Date 10/22/1999	Report End Date 10/22/1999
Operation Summary # 1 RAN GR/CCL/CBL & CN LOGS FR/3,349' (WLM PBTD) - 100'. TOC @ 390'. PERFD MV FR/3,088' - 3,114' & 3,204' - 3,220' W/4 JSPF (168 HOLES).	
Remarks # 2	
Construction Summary # 3	

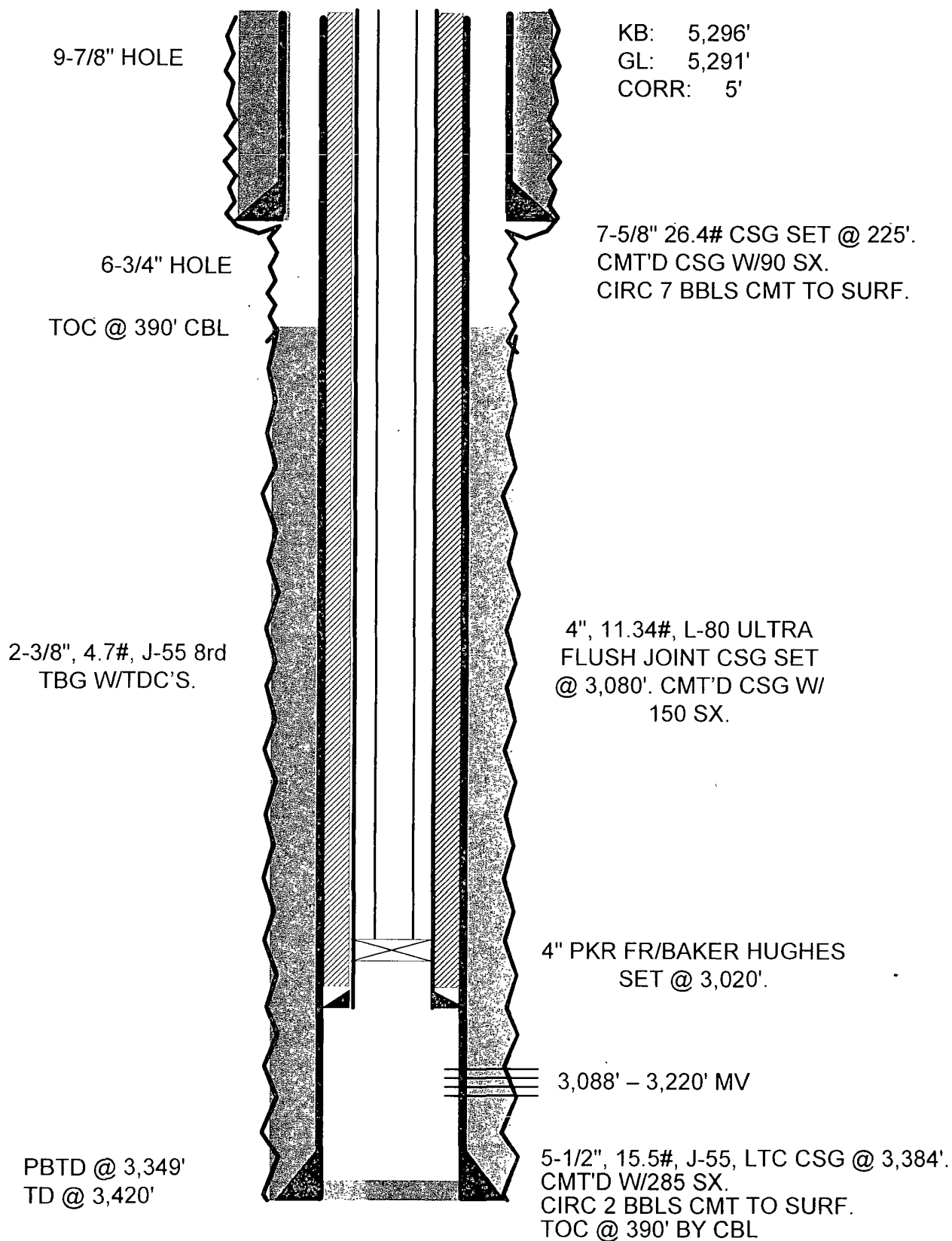
Daily Operations 10/28/1999 10/23/1999

Report Start Date 10/28/1999	Report End Date 10/23/1999
Operation Summary # 1 TIH W/PKR & 2-7/8" 6 50#, J-55, EUE, 8RD IPC TBG (INTERNAL COATING ICO-550). SET PKR @ 2,100'.	
Remarks # 2	
Construction Summary # 3	

Daily Operations 10/28/1999 10/28/1999

Report Start Date 10/28/1999	Report End Date 10/28/1999
Operation Summary # 1 MIRU AMERICAN ENERGY ACID EQUIP BD MV PERFS FR/3,088' - 3,220' W/WTR @ 0.25 BPM & 3,300 PSIG. ACIDIZE W/10,000 GALS 7-1/2% HCL AC. PPD 13 BBLS AC IN FTM & GOT PRESS BREAK. PPD REMAINDER OF ACID 3.5 BPM @ 850 PSIG. FLSD W/23 BPW @ 5 BPM & 850 PSIG. ISIP 400 PSIG. 15" SIP 400 PSIG. RDMO ACID EQUIP & RIG STD INJ PMP	
Remarks # 2	
Construction Summary # 3	

Salty Dog SWD #1



Guidelines for conducting step-rate tests

The operator must submit a written procedure and rig-up diagram to the OCD at least 24 hours before starting the test. The procedure will contain the following information:

- A description of the mechanical configuration of the well.
- The history of injection pressures and volumes.
- The history of any fracture treatments and pressures especially ISIP.

A bottom hole pressure recorder will be required for wells deeper than 2000' and injection rates greater than 1 BPM.

A pressure gauge and recorder of the appropriate range will be used during the test.

Wells currently injecting must be shut-in at least 24 hours before the test unless the shut-in pressures indicate that the well has not adequately stabilized and a longer time is necessary.

Starting pump rates and pressures must be lower than the current rates and pressures if the well is currently injecting and there must be at least 3 steps below the .2psi/ft gradient and 3 steps above the break-over point. Wells that are not fractured should not be tested at pressures that exceed the fracture gradient.

Pumping equipment must be able to pump at the rates and pressures needed for the test.

Rate changes will be .5bpm or smaller unless the OCD witness determines that bigger rate changes are necessary due to small incremental increases in pressure.

Each step will be at least 15 minutes in duration unless otherwise determined by the OCD. Step duration must not be changed during the test.

The operator must have enough water on hand for the test.

The casing and bradenhead pressures will be monitored during the test.

All wellhead equipment must be rated for the anticipated pressures.