PIONEER
NATURAL RESOURCES

PIONEER NATURAL RESOURCES USA, INC

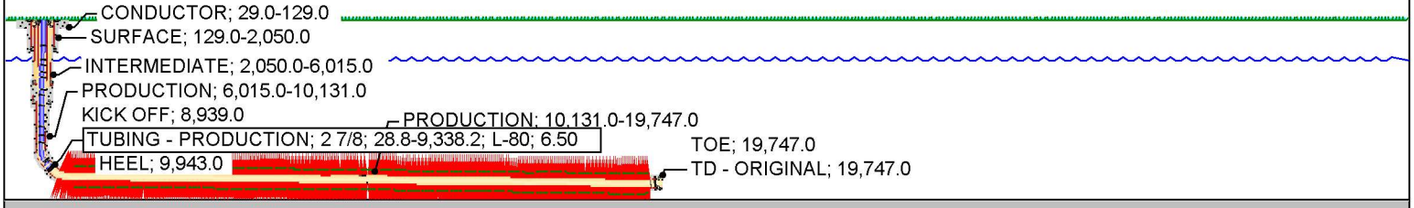
Well Name: UNIVERSITY 7-43 45H

UL Perf Schematic

HORIZONTAL - ORIGINAL, 2/21/2017 1:09:54 PM

Directional schematic (actual)

THIS WELLBORE DIAGRAM IS REFLECTIVE OF THE INFORMATION THAT HAS BEEN PLACED BY FIELD PERSONEL. IF ANY DATA VARIES FROM THE W-2 FILINGS, THE W-2 SHALL GOVERN.



API/UWI	ST REG DIST	Field Name	Spud Date	On Prod Date
42-003-47353-0000	08	SPRABERRY (TREND AREA)	8/13/2016 16:45	12/3/2016 09:00

Perforations

Int #	Cluster #	Date	Type	Top (ftKB)	Top (TVD) (ftKB)	Btm (ftKB)	Btm (TVD) (ftKB)	Job
41	6	11/6/2016 09:24	CONVENTIONAL PERF	9,725.0	9,440.6	9,727.0	9,441.3	OCM, 10/13/2016 13:00
41	5	11/6/2016 09:22	CONVENTIONAL PERF	9,765.0	9,453.3	9,767.0	9,453.9	OCM, 10/13/2016 13:00
41	4	11/6/2016 09:21	CONVENTIONAL PERF	9,805.0	9,463.0	9,807.0	9,463.4	OCM, 10/13/2016 13:00
41	3	11/6/2016 09:20	CONVENTIONAL PERF	9,845.0	9,469.7	9,847.0	9,470.0	OCM, 10/13/2016 13:00
41	2	11/6/2016 09:19	CONVENTIONAL PERF	9,885.0	9,473.4	9,887.0	9,473.5	OCM, 10/13/2016 13:00
41	1	11/6/2016 09:18	CONVENTIONAL PERF	9,925.0	9,475.2	9,927.0	9,475.3	OCM, 10/13/2016 13:00
40	6	11/6/2016 00:40	CONVENTIONAL PERF	9,965.0	9,476.3	9,967.0	9,476.4	OCM, 10/13/2016 13:00
40	5	11/6/2016 00:39	CONVENTIONAL PERF	10,005.0	9,477.0	10,007.0	9,477.0	OCM, 10/13/2016 13:00
40	4	11/6/2016 00:38	CONVENTIONAL PERF	10,047.0	9,477.5	10,049.0	9,477.5	OCM, 10/13/2016 13:00
40	3	11/6/2016 00:37	CONVENTIONAL PERF	10,085.0	9,477.8	10,087.0	9,477.8	OCM, 10/13/2016 13:00
40	2	11/6/2016 00:36	CONVENTIONAL PERF	10,125.0	9,477.9	10,127.0	9,477.9	OCM, 10/13/2016 13:00
40	1	11/6/2016 00:35	CONVENTIONAL PERF	10,165.0	9,477.6	10,167.0	9,477.6	OCM, 10/13/2016 13:00
39	6	11/5/2016 14:58	CONVENTIONAL PERF	10,205.0	9,476.9	10,207.0	9,476.9	OCM, 10/13/2016 13:00
39	5	11/5/2016 14:57	CONVENTIONAL PERF	10,245.0	9,476.2	10,247.0	9,476.2	OCM, 10/13/2016 13:00
39	4	11/5/2016 14:56	CONVENTIONAL PERF	10,285.0	9,475.5	10,287.0	9,475.5	OCM, 10/13/2016 13:00
39	3	11/5/2016 14:55	CONVENTIONAL PERF	10,325.0	9,474.8	10,327.0	9,474.7	OCM, 10/13/2016 13:00
39	2	11/5/2016 14:54	CONVENTIONAL PERF	10,365.0	9,473.9	10,367.0	9,473.9	OCM, 10/13/2016 13:00
39	1	11/5/2016 14:53	CONVENTIONAL PERF	10,405.0	9,473.0	10,407.0	9,473.0	OCM, 10/13/2016 13:00
38	6	11/5/2016 05:33	CONVENTIONAL PERF	10,446.0	9,472.3	10,448.0	9,472.3	OCM, 10/13/2016 13:00
38	5	11/5/2016 05:32	CONVENTIONAL PERF	10,485.0	9,472.0	10,487.0	9,471.9	OCM, 10/13/2016 13:00
38	4	11/5/2016 05:31	CONVENTIONAL PERF	10,525.0	9,471.8	10,527.0	9,471.8	OCM, 10/13/2016 13:00
38	3	11/5/2016 05:30	CONVENTIONAL PERF	10,565.0	9,471.9	10,567.0	9,471.9	OCM, 10/13/2016 13:00
38	2	11/5/2016 05:29	CONVENTIONAL PERF	10,605.0	9,472.2	10,607.0	9,472.2	OCM, 10/13/2016 13:00
38	1	11/5/2016 05:28	CONVENTIONAL PERF	10,645.0	9,472.5	10,647.0	9,472.5	OCM, 10/13/2016 13:00
37	6	11/4/2016 20:24	CONVENTIONAL PERF	10,685.0	9,472.8	10,687.0	9,472.9	OCM, 10/13/2016 13:00
37	5	11/4/2016 20:23	CONVENTIONAL PERF	10,725.0	9,473.4	10,727.0	9,473.4	OCM, 10/13/2016 13:00
37	4	11/4/2016 20:22	CONVENTIONAL PERF	10,765.0	9,474.1	10,767.0	9,474.2	OCM, 10/13/2016 13:00
37	3	11/4/2016 20:21	CONVENTIONAL PERF	10,805.0	9,474.8	10,807.0	9,474.8	OCM, 10/13/2016 13:00
37	2	11/4/2016 20:20	CONVENTIONAL PERF	10,845.0	9,475.3	10,847.0	9,475.4	OCM, 10/13/2016 13:00
37	1	11/4/2016 20:19	CONVENTIONAL PERF	10,883.0	9,475.9	10,885.0	9,475.9	OCM, 10/13/2016 13:00
36	6	11/4/2016 12:08	CONVENTIONAL PERF	10,925.0	9,476.7	10,927.0	9,476.8	OCM, 10/13/2016 13:00
36	5	11/4/2016 12:07	CONVENTIONAL PERF	10,965.0	9,477.7	10,967.0	9,477.7	OCM, 10/13/2016 13:00
36	4	11/4/2016 12:06	CONVENTIONAL PERF	11,005.0	9,478.6	11,007.0	9,478.6	OCM, 10/13/2016 13:00
36	3	11/4/2016 12:05	CONVENTIONAL PERF	11,045.0	9,479.4	11,047.0	9,479.5	OCM, 10/13/2016 13:00
36	2	11/4/2016 12:04	CONVENTIONAL PERF	11,085.0	9,480.4	11,087.0	9,480.4	OCM, 10/13/2016 13:00
36	1	11/4/2016 12:03	CONVENTIONAL PERF	11,125.0	9,481.4	11,127.0	9,481.5	OCM, 10/13/2016 13:00
35	6	11/4/2016 02:08	CONVENTIONAL PERF	11,165.0	9,482.3	11,167.0	9,482.3	OCM, 10/13/2016 13:00
35	5	11/4/2016 02:07	CONVENTIONAL PERF	11,205.0	9,482.5	11,207.0	9,482.5	OCM, 10/13/2016 13:00
35	4	11/4/2016 02:06	CONVENTIONAL PERF	11,245.0	9,482.2	11,247.0	9,482.2	OCM, 10/13/2016 13:00
35	3	11/4/2016 02:05	CONVENTIONAL PERF	11,287.0	9,481.5	11,289.0	9,481.4	OCM, 10/13/2016 13:00
35	2	11/4/2016 02:04	CONVENTIONAL PERF	11,325.0	9,480.5	11,327.0	9,480.4	OCM, 10/13/2016 13:00
35	1	11/4/2016 02:03	CONVENTIONAL PERF	11,365.0	9,479.4	11,367.0	9,479.4	OCM, 10/13/2016 13:00
34	6	11/3/2016 16:07	CONVENTIONAL PERF	11,405.0	9,478.3	11,407.0	9,478.3	OCM, 10/13/2016 13:00
34	5	11/3/2016 16:06	CONVENTIONAL PERF	11,445.0	9,477.5	11,447.0	9,477.5	OCM, 10/13/2016 13:00
34	4	11/3/2016 16:05	CONVENTIONAL PERF	11,485.0	9,477.2	11,487.0	9,477.2	OCM, 10/13/2016 13:00
34	3	11/3/2016 16:04	CONVENTIONAL PERF	11,525.0	9,477.3	11,527.0	9,477.3	OCM, 10/13/2016 13:00
34	2	11/3/2016 16:03	CONVENTIONAL PERF	11,565.0	9,477.3	11,567.0	9,477.3	OCM, 10/13/2016 13:00
34	1	11/3/2016 16:02	CONVENTIONAL PERF	11,605.0	9,477.3	11,607.0	9,477.3	OCM, 10/13/2016 13:00
33	6	11/2/2016 23:46	CONVENTIONAL PERF	11,645.0	9,477.0	11,647.0	9,477.0	OCM, 10/13/2016 13:00
33	5	11/2/2016 23:45	CONVENTIONAL PERF	11,685.0	9,476.5	11,687.0	9,476.5	OCM, 10/13/2016 13:00
33	4	11/2/2016 23:44	CONVENTIONAL PERF	11,724.0	9,476.0	11,726.0	9,476.0	OCM, 10/13/2016 13:00
33	3	11/2/2016 23:43	CONVENTIONAL PERF	11,765.0	9,475.7	11,767.0	9,475.7	OCM, 10/13/2016 13:00
33	2	11/2/2016 23:42	CONVENTIONAL PERF	11,805.0	9,475.6	11,807.0	9,475.6	OCM, 10/13/2016 13:00
33	1	11/2/2016 23:41	CONVENTIONAL PERF	11,845.0	9,475.1	11,847.0	9,475.1	OCM, 10/13/2016 13:00
32	6	11/2/2016 10:54	CONVENTIONAL PERF	11,885.0	9,474.3	11,887.0	9,474.3	OCM, 10/13/2016 13:00
32	5	11/2/2016 10:53	CONVENTIONAL PERF	11,925.0	9,473.9	11,927.0	9,473.9	OCM, 10/13/2016 13:00
32	4	11/2/2016 10:52	CONVENTIONAL PERF	11,965.0	9,474.2	11,967.0	9,474.3	OCM, 10/13/2016 13:00
32	3	11/2/2016 10:51	CONVENTIONAL PERF	12,005.0	9,474.9	12,007.0	9,474.9	OCM, 10/13/2016 13:00
32	2	11/2/2016 10:50	CONVENTIONAL PERF	12,045.0	9,475.4	12,047.0	9,475.4	OCM, 10/13/2016 13:00
32	1	11/2/2016 10:49	CONVENTIONAL PERF	12,085.0	9,475.9	12,087.0	9,475.9	OCM, 10/13/2016 13:00
31	6	11/2/2016 01:00	CONVENTIONAL PERF	12,125.0	9,476.6	12,127.0	9,476.6	OCM, 10/13/2016 13:00
31	5	11/2/2016 00:59	CONVENTIONAL PERF	12,165.0	9,477.5	12,167.0	9,477.6	OCM, 10/13/2016 13:00
31	4	11/2/2016 00:58	CONVENTIONAL PERF	12,205.0	9,478.7	12,207.0	9,478.8	OCM, 10/13/2016 13:00
31	3	11/2/2016 00:57	CONVENTIONAL PERF	12,245.0	9,480.1	12,247.0	9,480.1	OCM, 10/13/2016 13:00
31	2	11/2/2016 00:56	CONVENTIONAL PERF	12,285.0	9,481.4	12,287.0	9,481.4	OCM, 10/13/2016 13:00
31	1	11/2/2016 00:55	CONVENTIONAL PERF	12,325.0	9,482.3	12,327.0	9,482.3	OCM, 10/13/2016 13:00

PIONEER
NATURAL RESOURCES

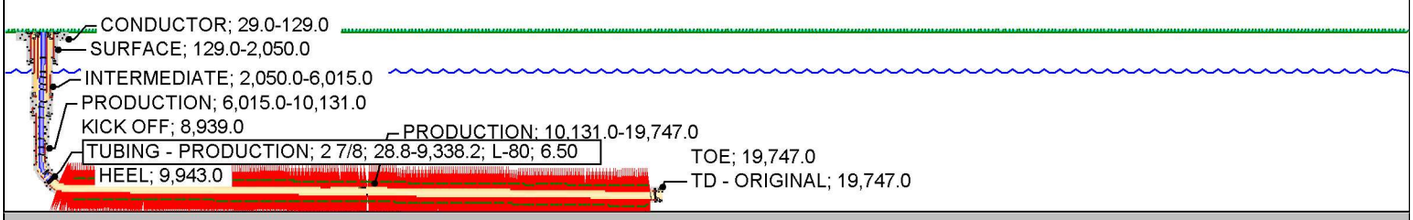
PIONEER NATURAL RESOURCES USA, INC

Well Name: UNIVERSITY 7-43 45H

UL Perf Schematic

HORIZONTAL - ORIGINAL, 2/21/2017 1:10:01 PM

Directional schematic (actual)



Perforations

Int #	Cluster #	Date	Type	Top (ftKB)	Top (TVD) (ftKB)	Btm (ftKB)	Btm (TVD) (ftKB)	Job
30	6	11/1/2016 14:43	CONVENTIONAL PERF	12,365.0	9,482.8	12,367.0	9,482.8	OCM, 10/13/2016 13:00
30	5	11/1/2016 14:42	CONVENTIONAL PERF	12,405.0	9,483.1	12,407.0	9,483.1	OCM, 10/13/2016 13:00
30	4	11/1/2016 14:41	CONVENTIONAL PERF	12,445.0	9,483.2	12,447.0	9,483.2	OCM, 10/13/2016 13:00
30	3	11/1/2016 14:40	CONVENTIONAL PERF	12,485.0	9,483.7	12,487.0	9,483.7	OCM, 10/13/2016 13:00
30	2	11/1/2016 14:39	CONVENTIONAL PERF	12,525.0	9,484.6	12,527.0	9,484.7	OCM, 10/13/2016 13:00
30	1	11/1/2016 14:38	CONVENTIONAL PERF	12,565.0	9,485.7	12,567.0	9,485.8	OCM, 10/13/2016 13:00
29	6	11/1/2016 05:08	CONVENTIONAL PERF	12,605.0	9,486.3	12,607.0	9,486.3	OCM, 10/13/2016 13:00
29	5	11/1/2016 05:07	CONVENTIONAL PERF	12,645.0	9,486.2	12,647.0	9,486.2	OCM, 10/13/2016 13:00
29	4	11/1/2016 05:06	CONVENTIONAL PERF	12,685.0	9,486.1	12,687.0	9,486.1	OCM, 10/13/2016 13:00
29	3	11/1/2016 05:05	CONVENTIONAL PERF	12,725.0	9,485.9	12,727.0	9,485.9	OCM, 10/13/2016 13:00
29	2	11/1/2016 05:04	CONVENTIONAL PERF	12,765.0	9,485.9	12,767.0	9,485.9	OCM, 10/13/2016 13:00
29	1	11/1/2016 05:03	CONVENTIONAL PERF	12,805.0	9,486.1	12,807.0	9,486.1	OCM, 10/13/2016 13:00
28	6	10/31/2016 19:41	CONVENTIONAL PERF	12,845.0	9,486.3	12,847.0	9,486.3	OCM, 10/13/2016 13:00
28	5	10/31/2016 19:40	CONVENTIONAL PERF	12,885.0	9,486.4	12,887.0	9,486.4	OCM, 10/13/2016 13:00
28	4	10/31/2016 19:39	CONVENTIONAL PERF	12,925.0	9,486.1	12,927.0	9,486.1	OCM, 10/13/2016 13:00
28	3	10/31/2016 19:38	CONVENTIONAL PERF	12,967.0	9,485.5	12,969.0	9,485.5	OCM, 10/13/2016 13:00
28	2	10/31/2016 19:37	CONVENTIONAL PERF	13,005.0	9,484.6	13,007.0	9,484.5	OCM, 10/13/2016 13:00
28	1	10/31/2016 19:36	CONVENTIONAL PERF	13,045.0	9,483.7	13,047.0	9,483.6	OCM, 10/13/2016 13:00
27	6	10/31/2016 05:46	CONVENTIONAL PERF	13,085.0	9,483.1	13,087.0	9,483.1	OCM, 10/13/2016 13:00
27	5	10/31/2016 05:45	CONVENTIONAL PERF	13,125.0	9,482.6	13,127.0	9,482.5	OCM, 10/13/2016 13:00
27	4	10/31/2016 05:44	CONVENTIONAL PERF	13,165.0	9,481.6	13,167.0	9,481.5	OCM, 10/13/2016 13:00
27	3	10/31/2016 05:43	CONVENTIONAL PERF	13,205.0	9,480.3	13,207.0	9,480.2	OCM, 10/13/2016 13:00
27	2	10/31/2016 05:42	CONVENTIONAL PERF	13,245.0	9,479.3	13,247.0	9,479.3	OCM, 10/13/2016 13:00
27	1	10/31/2016 05:41	CONVENTIONAL PERF	13,285.0	9,479.0	13,287.0	9,479.0	OCM, 10/13/2016 13:00
26	6	10/30/2016 19:48	CONVENTIONAL PERF	13,325.0	9,479.1	13,327.0	9,479.2	OCM, 10/13/2016 13:00
26	5	10/30/2016 19:47	CONVENTIONAL PERF	13,365.0	9,479.7	13,367.0	9,479.7	OCM, 10/13/2016 13:00
26	4	10/30/2016 19:46	CONVENTIONAL PERF	13,403.0	9,480.4	13,405.0	9,480.4	OCM, 10/13/2016 13:00
26	3	10/30/2016 19:45	CONVENTIONAL PERF	13,445.0	9,481.0	13,447.0	9,481.0	OCM, 10/13/2016 13:00
26	2	10/30/2016 19:44	CONVENTIONAL PERF	13,485.0	9,481.3	13,487.0	9,481.3	OCM, 10/13/2016 13:00
26	1	10/30/2016 19:43	CONVENTIONAL PERF	13,525.0	9,482.0	13,527.0	9,482.0	OCM, 10/13/2016 13:00
25	6	10/30/2016 10:14	CONVENTIONAL PERF	13,565.0	9,483.1	13,567.0	9,483.2	OCM, 10/13/2016 13:00
25	5	10/30/2016 10:13	CONVENTIONAL PERF	13,605.0	9,484.4	13,607.0	9,484.5	OCM, 10/13/2016 13:00
25	4	10/30/2016 10:12	CONVENTIONAL PERF	13,645.0	9,485.9	13,647.0	9,486.0	OCM, 10/13/2016 13:00
25	3	10/30/2016 10:11	CONVENTIONAL PERF	13,685.0	9,487.3	13,687.0	9,487.4	OCM, 10/13/2016 13:00
25	2	10/30/2016 10:10	CONVENTIONAL PERF	13,725.0	9,488.6	13,727.0	9,488.7	OCM, 10/13/2016 13:00
25	1	10/30/2016 10:09	CONVENTIONAL PERF	13,765.0	9,489.7	13,767.0	9,489.8	OCM, 10/13/2016 13:00
24	6	10/30/2016 01:00	CONVENTIONAL PERF	13,805.0	9,490.8	13,807.0	9,490.8	OCM, 10/13/2016 13:00
24	5	10/30/2016 00:59	CONVENTIONAL PERF	13,845.0	9,491.9	13,847.0	9,491.9	OCM, 10/13/2016 13:00
24	4	10/30/2016 00:58	CONVENTIONAL PERF	13,885.0	9,493.1	13,887.0	9,493.2	OCM, 10/13/2016 13:00
24	3	10/30/2016 00:57	CONVENTIONAL PERF	13,925.0	9,494.5	13,927.0	9,494.6	OCM, 10/13/2016 13:00
24	2	10/30/2016 00:56	CONVENTIONAL PERF	13,965.0	9,496.0	13,967.0	9,496.1	OCM, 10/13/2016 13:00
24	1	10/30/2016 00:55	CONVENTIONAL PERF	14,005.0	9,497.3	14,007.0	9,497.4	OCM, 10/13/2016 13:00
23	6	10/29/2016 15:29	CONVENTIONAL PERF	14,045.0	9,498.4	14,047.0	9,498.5	OCM, 10/13/2016 13:00
23	5	10/29/2016 15:28	CONVENTIONAL PERF	14,085.0	9,499.5	14,087.0	9,499.6	OCM, 10/13/2016 13:00
23	4	10/29/2016 15:27	CONVENTIONAL PERF	14,125.0	9,500.6	14,127.0	9,500.6	OCM, 10/13/2016 13:00
23	3	10/29/2016 15:26	CONVENTIONAL PERF	14,165.0	9,501.2	14,167.0	9,501.2	OCM, 10/13/2016 13:00
23	2	10/29/2016 15:25	CONVENTIONAL PERF	14,205.0	9,501.1	14,207.0	9,501.1	OCM, 10/13/2016 13:00
23	1	10/29/2016 15:24	CONVENTIONAL PERF	14,247.0	9,500.4	14,249.0	9,500.4	OCM, 10/13/2016 13:00
22	6	10/29/2016 05:07	CONVENTIONAL PERF	14,285.0	9,499.8	14,287.0	9,499.7	OCM, 10/13/2016 13:00
22	5	10/29/2016 05:06	CONVENTIONAL PERF	14,325.0	9,499.1	14,327.0	9,499.0	OCM, 10/13/2016 13:00
22	4	10/29/2016 05:05	CONVENTIONAL PERF	14,365.0	9,498.3	14,367.0	9,498.3	OCM, 10/13/2016 13:00
22	3	10/29/2016 05:04	CONVENTIONAL PERF	14,405.0	9,497.6	14,407.0	9,497.5	OCM, 10/13/2016 13:00
22	2	10/29/2016 05:03	CONVENTIONAL PERF	14,445.0	9,497.2	14,447.0	9,497.2	OCM, 10/13/2016 13:00
22	1	10/29/2016 05:02	CONVENTIONAL PERF	14,485.0	9,497.7	14,487.0	9,497.7	OCM, 10/13/2016 13:00
21	6	10/28/2016 19:02	CONVENTIONAL PERF	14,525.0	9,498.5	14,527.0	9,498.6	OCM, 10/13/2016 13:00
21	5	10/28/2016 19:01	CONVENTIONAL PERF	14,565.0	9,498.5	14,567.0	9,498.5	OCM, 10/13/2016 13:00
21	4	10/28/2016 19:00	CONVENTIONAL PERF	14,605.0	9,497.6	14,607.0	9,497.5	OCM, 10/13/2016 13:00
21	3	10/28/2016 18:59	CONVENTIONAL PERF	14,645.0	9,496.4	14,647.0	9,496.4	OCM, 10/13/2016 13:00
21	2	10/28/2016 18:58	CONVENTIONAL PERF	14,683.0	9,495.5	14,685.0	9,495.4	OCM, 10/13/2016 13:00
21	1	10/28/2016 18:57	CONVENTIONAL PERF	14,725.0	9,494.4	14,727.0	9,494.3	OCM, 10/13/2016 13:00
20	6	10/28/2016 09:30	CONVENTIONAL PERF	14,765.0	9,493.1	14,767.0	9,493.0	OCM, 10/13/2016 13:00
20	5	10/28/2016 09:29	CONVENTIONAL PERF	14,805.0	9,491.9	14,807.0	9,491.8	OCM, 10/13/2016 13:00
20	4	10/28/2016 09:28	CONVENTIONAL PERF	14,845.0	9,491.2	14,847.0	9,491.2	OCM, 10/13/2016 13:00
20	3	10/28/2016 09:27	CONVENTIONAL PERF	14,885.0	9,491.3	14,887.0	9,491.3	OCM, 10/13/2016 13:00
20	2	10/28/2016 09:26	CONVENTIONAL PERF	14,923.0	9,491.7	14,925.0	9,491.7	OCM, 10/13/2016 13:00
20	1	10/28/2016 09:25	CONVENTIONAL PERF	14,965.0	9,492.5	14,967.0	9,492.5	OCM, 10/13/2016 13:00
19	6	10/28/2016 00:39	CONVENTIONAL PERF	15,005.0	9,493.4	15,007.0	9,493.4	OCM, 10/13/2016 13:00
19	5	10/28/2016 00:38	CONVENTIONAL PERF	15,045.0	9,494.3	15,047.0	9,494.3	OCM, 10/13/2016 13:00

PIONEER
NATURAL RESOURCES

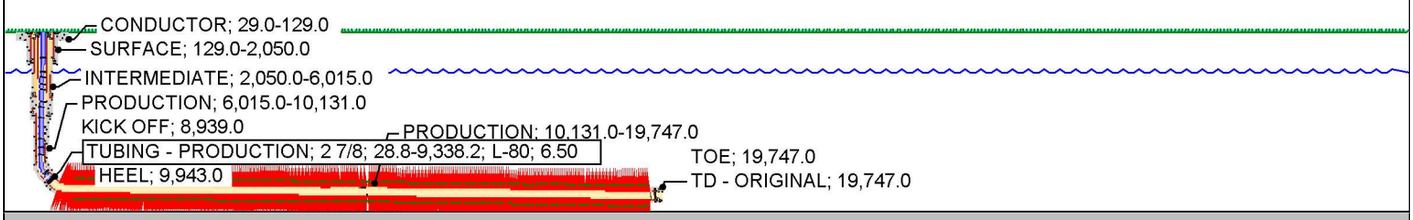
PIONEER NATURAL RESOURCES USA, INC

Well Name: UNIVERSITY 7-43 45H

UL Perf Schematic

HORIZONTAL - ORIGINAL, 2/21/2017 1:10:08 PM

Directional schematic (actual)



Perforations

Int #	Cluster #	Date	Type	Top (ftKB)	Top (TVD) (ftKB)	Btm (ftKB)	Btm (TVD) (ftKB)	Job
19	4	10/28/2016 00:37	CONVENTIONAL PERF	15,085.0	9,495.2	15,087.0	9,495.3	OCM, 10/13/2016 13:00
19	3	10/28/2016 00:36	CONVENTIONAL PERF	15,125.0	9,496.2	15,127.0	9,496.3	OCM, 10/13/2016 13:00
19	2	10/28/2016 00:35	CONVENTIONAL PERF	15,165.0	9,497.3	15,167.0	9,497.4	OCM, 10/13/2016 13:00
19	1	10/28/2016 00:34	CONVENTIONAL PERF	15,205.0	9,498.3	15,207.0	9,498.4	OCM, 10/13/2016 13:00
18	6	10/27/2016 14:04	CONVENTIONAL PERF	15,245.0	9,499.2	15,247.0	9,499.2	OCM, 10/13/2016 13:00
18	5	10/27/2016 14:03	CONVENTIONAL PERF	15,285.0	9,500.3	15,287.0	9,500.3	OCM, 10/13/2016 13:00
18	4	10/27/2016 14:02	CONVENTIONAL PERF	15,325.0	9,502.0	15,327.0	9,502.1	OCM, 10/13/2016 13:00
18	3	10/27/2016 14:01	CONVENTIONAL PERF	15,367.0	9,504.4	15,369.0	9,504.5	OCM, 10/13/2016 13:00
18	2	10/27/2016 14:00	CONVENTIONAL PERF	15,405.0	9,506.3	15,407.0	9,506.4	OCM, 10/13/2016 13:00
18	1	10/27/2016 13:59	CONVENTIONAL PERF	15,445.0	9,507.7	15,447.0	9,507.8	OCM, 10/13/2016 13:00
17	6	10/27/2016 04:58	CONVENTIONAL PERF	15,485.0	9,508.7	15,487.0	9,508.8	OCM, 10/13/2016 13:00
17	5	10/27/2016 04:57	CONVENTIONAL PERF	15,525.0	9,509.3	15,527.0	9,509.4	OCM, 10/13/2016 13:00
17	4	10/27/2016 04:56	CONVENTIONAL PERF	15,565.0	9,509.9	15,567.0	9,510.0	OCM, 10/13/2016 13:00
17	3	10/27/2016 04:55	CONVENTIONAL PERF	15,605.0	9,511.1	15,607.0	9,511.1	OCM, 10/13/2016 13:00
17	2	10/27/2016 04:54	CONVENTIONAL PERF	15,645.0	9,512.7	15,647.0	9,512.8	OCM, 10/13/2016 13:00
17	1	10/27/2016 04:53	CONVENTIONAL PERF	15,685.0	9,514.4	15,687.0	9,514.4	OCM, 10/13/2016 13:00
16	6	10/26/2016 19:50	CONVENTIONAL PERF	15,725.0	9,516.0	15,727.0	9,516.1	OCM, 10/13/2016 13:00
16	5	10/26/2016 19:49	CONVENTIONAL PERF	15,765.0	9,517.8	15,767.0	9,517.9	OCM, 10/13/2016 13:00
16	4	10/26/2016 19:48	CONVENTIONAL PERF	15,808.0	9,520.0	15,810.0	9,520.1	OCM, 10/13/2016 13:00
16	3	10/26/2016 19:47	CONVENTIONAL PERF	15,845.0	9,521.5	15,847.0	9,521.5	OCM, 10/13/2016 13:00
16	2	10/26/2016 19:46	CONVENTIONAL PERF	15,885.0	9,521.9	15,887.0	9,521.9	OCM, 10/13/2016 13:00
16	1	10/26/2016 19:45	CONVENTIONAL PERF	15,925.0	9,521.3	15,927.0	9,521.3	OCM, 10/13/2016 13:00
15	6	10/26/2016 08:11	CONVENTIONAL PERF	15,965.0	9,520.2	15,967.0	9,520.1	OCM, 10/13/2016 13:00
15	5	10/26/2016 08:10	CONVENTIONAL PERF	16,005.0	9,518.7	16,007.0	9,518.6	OCM, 10/13/2016 13:00
15	4	10/26/2016 08:09	CONVENTIONAL PERF	16,045.0	9,517.3	16,047.0	9,517.2	OCM, 10/13/2016 13:00
15	3	10/26/2016 08:08	CONVENTIONAL PERF	16,085.0	9,516.0	16,087.0	9,516.0	OCM, 10/13/2016 13:00
15	2	10/26/2016 08:07	CONVENTIONAL PERF	16,125.0	9,515.2	16,127.0	9,515.2	OCM, 10/13/2016 13:00
15	1	10/26/2016 08:06	CONVENTIONAL PERF	16,165.0	9,515.3	16,167.0	9,515.3	OCM, 10/13/2016 13:00
14	6	10/25/2016 23:32	CONVENTIONAL PERF	16,208.0	9,516.2	16,209.0	9,516.2	OCM, 10/13/2016 13:00
14	5	10/25/2016 23:31	CONVENTIONAL PERF	16,245.0	9,517.3	16,247.0	9,517.4	OCM, 10/13/2016 13:00
14	4	10/25/2016 23:30	CONVENTIONAL PERF	16,285.0	9,518.9	16,287.0	9,519.0	OCM, 10/13/2016 13:00
14	3	10/25/2016 23:30	CONVENTIONAL PERF	16,325.0	9,520.0	16,327.0	9,520.0	OCM, 10/13/2016 13:00
14	2	10/25/2016 23:29	CONVENTIONAL PERF	16,365.0	9,520.2	16,367.0	9,520.2	OCM, 10/13/2016 13:00
14	1	10/25/2016 23:29	CONVENTIONAL PERF	16,405.0	9,519.9	16,407.0	9,519.9	OCM, 10/13/2016 13:00
13	6	10/25/2016 14:31	CONVENTIONAL PERF	16,445.0	9,519.9	16,447.0	9,519.9	OCM, 10/13/2016 13:00
13	5	10/25/2016 14:30	CONVENTIONAL PERF	16,485.0	9,520.0	16,487.0	9,520.0	OCM, 10/13/2016 13:00
13	4	10/25/2016 14:29	CONVENTIONAL PERF	16,525.0	9,520.3	16,527.0	9,520.3	OCM, 10/13/2016 13:00
13	3	10/25/2016 14:28	CONVENTIONAL PERF	16,565.0	9,520.7	16,567.0	9,520.7	OCM, 10/13/2016 13:00
13	2	10/25/2016 14:27	CONVENTIONAL PERF	16,606.0	9,520.8	16,608.0	9,520.8	OCM, 10/13/2016 13:00
13	1	10/25/2016 14:26	CONVENTIONAL PERF	16,645.0	9,520.2	16,647.0	9,520.2	OCM, 10/13/2016 13:00
12	6	10/25/2016 04:13	CONVENTIONAL PERF	16,685.0	9,519.1	16,687.0	9,519.1	OCM, 10/13/2016 13:00
12	5	10/25/2016 04:12	CONVENTIONAL PERF	16,725.0	9,517.9	16,727.0	9,517.8	OCM, 10/13/2016 13:00
12	4	10/25/2016 04:11	CONVENTIONAL PERF	16,765.0	9,516.5	16,767.0	9,516.4	OCM, 10/13/2016 13:00
12	3	10/25/2016 04:11	CONVENTIONAL PERF	16,805.0	9,514.9	16,807.0	9,514.8	OCM, 10/13/2016 13:00
12	2	10/25/2016 04:10	CONVENTIONAL PERF	16,845.0	9,513.1	16,847.0	9,513.0	OCM, 10/13/2016 13:00
12	1	10/25/2016 04:10	CONVENTIONAL PERF	16,885.0	9,511.6	16,887.0	9,511.5	OCM, 10/13/2016 13:00
11	6	10/24/2016 19:14	CONVENTIONAL PERF	16,925.0	9,510.7	16,927.0	9,510.6	OCM, 10/13/2016 13:00
11	5	10/24/2016 19:14	CONVENTIONAL PERF	16,965.0	9,510.2	16,967.0	9,510.2	OCM, 10/13/2016 13:00
11	4	10/24/2016 19:14	CONVENTIONAL PERF	17,005.0	9,510.1	17,007.0	9,510.1	OCM, 10/13/2016 13:00
11	3	10/24/2016 19:13	CONVENTIONAL PERF	17,045.0	9,510.2	17,047.0	9,510.2	OCM, 10/13/2016 13:00
11	2	10/24/2016 19:12	CONVENTIONAL PERF	17,085.0	9,510.8	17,087.0	9,510.9	OCM, 10/13/2016 13:00
11	1	10/24/2016 19:11	CONVENTIONAL PERF	17,125.0	9,512.0	17,127.0	9,512.1	OCM, 10/13/2016 13:00
10	6	10/24/2016 09:15	CONVENTIONAL PERF	17,165.0	9,513.9	17,167.0	9,514.0	OCM, 10/13/2016 13:00
10	5	10/24/2016 09:14	CONVENTIONAL PERF	17,205.0	9,516.6	17,207.0	9,516.8	OCM, 10/13/2016 13:00
10	4	10/24/2016 09:13	CONVENTIONAL PERF	17,245.0	9,519.9	17,247.0	9,520.0	OCM, 10/13/2016 13:00
10	3	10/24/2016 09:12	CONVENTIONAL PERF	17,285.0	9,522.7	17,287.0	9,522.9	OCM, 10/13/2016 13:00
10	2	10/24/2016 09:11	CONVENTIONAL PERF	17,325.0	9,525.1	17,327.0	9,525.2	OCM, 10/13/2016 13:00
10	1	10/24/2016 09:10	CONVENTIONAL PERF	17,365.0	9,526.8	17,367.0	9,526.9	OCM, 10/13/2016 13:00
9	6	10/24/2016 00:36	CONVENTIONAL PERF	17,405.0	9,527.7	17,407.0	9,527.7	OCM, 10/13/2016 13:00
9	5	10/24/2016 00:35	CONVENTIONAL PERF	17,443.0	9,528.1	17,445.0	9,528.1	OCM, 10/13/2016 13:00
9	4	10/24/2016 00:34	CONVENTIONAL PERF	17,485.0	9,528.5	17,487.0	9,528.6	OCM, 10/13/2016 13:00
9	3	10/24/2016 00:33	CONVENTIONAL PERF	17,525.0	9,528.7	17,527.0	9,528.7	OCM, 10/13/2016 13:00
9	2	10/24/2016 00:32	CONVENTIONAL PERF	17,565.0	9,528.4	17,567.0	9,528.3	OCM, 10/13/2016 13:00
9	1	10/24/2016 00:31	CONVENTIONAL PERF	17,605.0	9,527.5	17,607.0	9,527.4	OCM, 10/13/2016 13:00
8	6	10/23/2016 14:19	CONVENTIONAL PERF	17,645.0	9,526.4	17,647.0	9,526.3	OCM, 10/13/2016 13:00
8	5	10/23/2016 14:18	CONVENTIONAL PERF	17,685.0	9,525.2	17,687.0	9,525.1	OCM, 10/13/2016 13:00
8	4	10/23/2016 14:12	CONVENTIONAL PERF	17,725.0	9,523.9	17,727.0	9,523.8	OCM, 10/13/2016 13:00
8	3	10/23/2016 14:16	CONVENTIONAL PERF	17,765.0	9,522.3	17,767.0	9,522.3	OCM, 10/13/2016 13:00

PIONEER
NATURAL RESOURCES

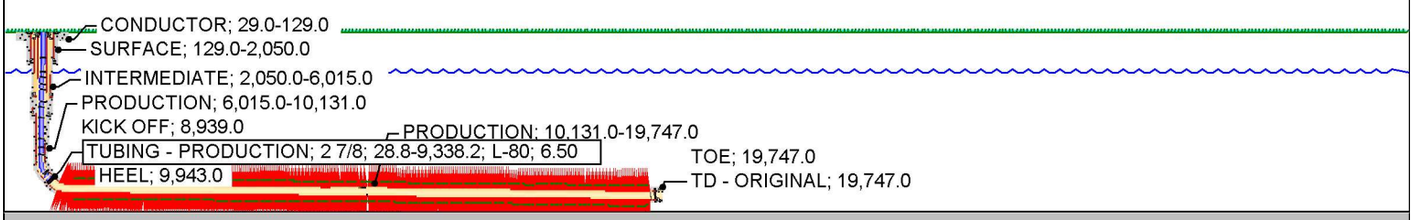
PIONEER NATURAL RESOURCES USA, INC

Well Name: UNIVERSITY 7-43 45H

UL Perf Schematic

HORIZONTAL - ORIGINAL, 2/21/2017 1:10:16 PM

Directional schematic (actual)



Perforations

Int #	Cluster #	Date	Type	Top (ftKB)	Top (TVD) (ftKB)	Btm (ftKB)	Btm (TVD) (ftKB)	Job
8	2	10/23/2016 14:15	CONVENTIONAL PERF	17,806.0	9,520.8	17,808.0	9,520.7	OCM, 10/13/2016 13:00
8	1	10/23/2016 14:14	CONVENTIONAL PERF	17,843.0	9,520.2	17,845.0	9,520.2	OCM, 10/13/2016 13:00
7	6	10/23/2016 04:21	CONVENTIONAL PERF	17,885.0	9,520.5	17,887.0	9,520.5	OCM, 10/13/2016 13:00
7	5	10/23/2016 04:20	CONVENTIONAL PERF	17,925.0	9,520.9	17,927.0	9,521.0	OCM, 10/13/2016 13:00
7	4	10/23/2016 04:19	CONVENTIONAL PERF	17,965.0	9,521.4	17,967.0	9,521.4	OCM, 10/13/2016 13:00
7	3	10/23/2016 04:18	CONVENTIONAL PERF	18,005.0	9,521.6	18,007.0	9,521.6	OCM, 10/13/2016 13:00
7	2	10/23/2016 04:17	CONVENTIONAL PERF	18,045.0	9,521.3	18,047.0	9,521.3	OCM, 10/13/2016 13:00
7	1	10/23/2016 04:16	CONVENTIONAL PERF	18,085.0	9,520.9	18,087.0	9,520.9	OCM, 10/13/2016 13:00
6	6	10/22/2016 18:25	CONVENTIONAL PERF	18,125.0	9,521.1	18,127.0	9,521.1	OCM, 10/13/2016 13:00
6	5	10/22/2016 18:24	CONVENTIONAL PERF	18,165.0	9,522.0	18,167.0	9,522.1	OCM, 10/13/2016 13:00
6	4	10/22/2016 18:23	CONVENTIONAL PERF	18,205.0	9,523.0	18,207.0	9,523.1	OCM, 10/13/2016 13:00
6	3	10/22/2016 18:22	CONVENTIONAL PERF	18,245.0	9,523.9	18,247.0	9,523.9	OCM, 10/13/2016 13:00
6	2	10/22/2016 18:21	CONVENTIONAL PERF	18,285.0	9,524.2	18,287.0	9,524.2	OCM, 10/13/2016 13:00
6	1	10/22/2016 18:20	CONVENTIONAL PERF	18,325.0	9,523.5	18,327.0	9,523.4	OCM, 10/13/2016 13:00
5	6	10/22/2016 07:55	CONVENTIONAL PERF	18,365.0	9,522.0	18,367.0	9,521.9	OCM, 10/13/2016 13:00
5	5	10/22/2016 07:54	CONVENTIONAL PERF	18,405.0	9,520.8	18,407.0	9,520.8	OCM, 10/13/2016 13:00
5	4	10/22/2016 07:53	CONVENTIONAL PERF	18,445.0	9,520.0	18,447.0	9,520.0	OCM, 10/13/2016 13:00
5	3	10/22/2016 07:52	CONVENTIONAL PERF	18,485.0	9,520.1	18,487.0	9,520.2	OCM, 10/13/2016 13:00
5	2	10/22/2016 07:51	CONVENTIONAL PERF	18,525.0	9,521.5	18,527.0	9,521.6	OCM, 10/13/2016 13:00
5	1	10/22/2016 07:50	CONVENTIONAL PERF	18,565.0	9,523.5	18,567.0	9,523.6	OCM, 10/13/2016 13:00
4	6	10/21/2016 21:10	CONVENTIONAL PERF	18,605.0	9,525.6	18,607.0	9,525.8	OCM, 10/13/2016 13:00
4	5	10/21/2016 21:09	CONVENTIONAL PERF	18,645.0	9,527.8	18,647.0	9,527.9	OCM, 10/13/2016 13:00
4	4	10/21/2016 21:08	CONVENTIONAL PERF	18,685.0	9,529.9	18,687.0	9,530.0	OCM, 10/13/2016 13:00
4	3	10/21/2016 21:07	CONVENTIONAL PERF	18,725.0	9,531.8	18,727.0	9,531.9	OCM, 10/13/2016 13:00
4	2	10/21/2016 21:06	CONVENTIONAL PERF	18,765.0	9,533.8	18,767.0	9,533.9	OCM, 10/13/2016 13:00
4	1	10/21/2016 21:05	CONVENTIONAL PERF	18,805.0	9,535.8	18,807.0	9,535.9	OCM, 10/13/2016 13:00
3	6	10/21/2016 08:01	CONVENTIONAL PERF	18,845.0	9,537.7	18,847.0	9,537.8	OCM, 10/13/2016 13:00
3	5	10/21/2016 08:00	CONVENTIONAL PERF	18,885.0	9,539.4	18,887.0	9,539.5	OCM, 10/13/2016 13:00
3	4	10/21/2016 07:59	CONVENTIONAL PERF	18,925.0	9,540.9	18,927.0	9,541.0	OCM, 10/13/2016 13:00
3	3	10/21/2016 07:58	CONVENTIONAL PERF	18,965.0	9,542.3	18,967.0	9,542.3	OCM, 10/13/2016 13:00
3	2	10/21/2016 07:57	CONVENTIONAL PERF	19,005.0	9,543.5	19,007.0	9,543.6	OCM, 10/13/2016 13:00
3	1	10/21/2016 07:56	CONVENTIONAL PERF	19,045.0	9,544.0	19,047.0	9,544.0	OCM, 10/13/2016 13:00
2	6	10/20/2016 13:08	CONVENTIONAL PERF	19,085.0	9,543.3	19,087.0	9,543.2	OCM, 10/13/2016 13:00
2	5	10/20/2016 13:07	CONVENTIONAL PERF	19,125.0	9,542.1	19,127.0	9,542.0	OCM, 10/13/2016 13:00
2	4	10/20/2016 13:06	CONVENTIONAL PERF	19,165.0	9,541.4	19,167.0	9,541.4	OCM, 10/13/2016 13:00
2	3	10/20/2016 13:05	CONVENTIONAL PERF	19,205.0	9,541.3	19,207.0	9,541.3	OCM, 10/13/2016 13:00
2	2	10/20/2016 13:04	CONVENTIONAL PERF	19,245.0	9,541.7	19,247.0	9,541.8	OCM, 10/13/2016 13:00
2	1	10/20/2016 13:03	CONVENTIONAL PERF	19,285.0	9,542.7	19,287.0	9,542.7	OCM, 10/13/2016 13:00
1	6	10/17/2016 11:15	CONVENTIONAL PERF	19,325.0	9,543.2	19,327.0	9,543.2	OCM, 10/13/2016 13:00
1	5	10/17/2016 11:15	CONVENTIONAL PERF	19,365.0	9,542.8	19,367.0	9,542.8	OCM, 10/13/2016 13:00
1	4	10/17/2016 11:14	CONVENTIONAL PERF	19,405.0	9,541.8	19,407.0	9,541.7	OCM, 10/13/2016 13:00
1	3	10/17/2016 11:13	CONVENTIONAL PERF	19,445.0	9,540.3	19,447.0	9,540.2	OCM, 10/13/2016 13:00
1	2	10/17/2016 11:12	CONVENTIONAL PERF	19,485.0	9,538.5	19,487.0	9,538.5	OCM, 10/13/2016 13:00
1	1	10/17/2016 11:11	CONVENTIONAL PERF	19,525.0	9,536.7	19,527.0	9,536.6	OCM, 10/13/2016 13:00