

WELL	date	working time (h)	oil production method	choke diameter (mm)	wellhead pressure(MPa)		
					tubing pressure	casing pressure	back pressure
YQX	2013/3/14	24	NF with light oil	5	7.3	7.5	0.6
YQX	2013/3/15	24	NF with light oil	5	7.4	7.5	0.6
YQX	2013/3/16	24	NF with light oil	5	7.3	7.5	0.6
YQX	2013/3/17	24	NF with light oil	5	7.4	7.5	0.5
YQX	2013/3/18	24	NF with light oil	5	7.5	7.4	0.5
YQX	2013/3/19	24	NF with light oil	5	7.2	7.2	0.5
YQX	2013/3/20	24	NF with light oil	5	7.3	7.4	0.5
YQX	2013/3/21	24	NF with light oil	5	7.2	7.3	0.5
YQX	2013/3/22	24	NF with light oil	5	7.2	7.3	0.5
YQX	2013/3/23	24	NF with light oil	5	7.3	7.3	0.5
YQX	2013/3/24	24	NF with light oil	5	7.2	7.3	0.5
YQX	2013/3/25	24	NF with light oil	5	7.3	7.4	0.6
YQX	2013/3/26	24	NF with light oil	5	7.3	7.4	0.6
YQX	2013/3/27	24	NF with light oil	5	7.3	7.4	0.5
YQX	2013/3/28	21	NF with light oil	5	7.2	7.4	0.5
YQX	2013/3/29	24	NF with light oil	5	7.2	7.4	0.5
YQX	2013/3/30	24	NF with light oil	5	7.3	7.4	0.5
YQX	2013/3/31	24	NF with light oil	5	7.3	7.4	0.5
YQX	2013/4/1	24	NF with light oil	5	7.4	7.4	0.4
YQX	2013/4/2	24	NF with light oil	5	7.2	7.4	0.45
YQX	2013/4/3	24	NF with light oil	5	7.2	7.4	0.45
YQX	2013/4/4	24	NF with light oil	5	7.2	7.4	0.45
YQX	2013/4/5	19.5	NF with light oil	5	7.4	7.4	0.45
YQX	2013/4/6		well shutdown	5	7.6	8	
YQX	2013/4/7		well shutdown	5	7.6	8	
YQX	2013/4/8		well shutdown	5	7	8	
YQX	2013/4/9		well shutdown	5	7	7	
YQX	2013/4/10		well shutdown	5	7	7	
YQX	2013/4/11	8.33	GL assisted with light oil	6	7	12	0.1
YQX	2013/4/12	22	GL assisted with light oil	7	10.5	12	0.8
YQX	2013/4/13	24	GL assisted with light oil	7.7	8	10.4	0.4
YQX	2013/4/14	24	GL assisted with light oil	8	7	10	0.4
YQX	2013/4/15	24	GL assisted with light oil	8	4.9	9.8	1.4
YQX	2013/4/16	24	GL assisted with light oil	8	6.8	9.5	0.9
YQX	2013/4/17	24	GL assisted with light oil	8.5	5	11	1
YQX	2013/4/18	24	GL assisted with light oil	8.5	5	10	1.5
YQX	2013/4/19	24	GL assisted with light oil	8.5	5.6	10.2	0.3
YQX	2013/4/20	24	GL assisted with light oil	8.7	4	11	1.1
YQX	2013/4/21	24	GL assisted with light oil	8.7	4.8	10.2	1.1
YQX	2013/4/22	24	GL assisted with light oil	9	5.5	10	0.4

YQX	2013/4/23	24	GL assisted with light oil	9	4.5	9.8	1.6
YQX	2013/4/24	20	NF with light oil	9	2	8	0
YQX	2013/4/25	8.25	NF with light oil	6	0	10.4	0
YQX	2013/4/26		NF with light oil	6	1.8	12	

daily production rate(t/d)		note
oil	water	
11.9	0	NF:Natural flow
11.8	0	
12.5	0	
12.2	0	
11.8	0	
11	0	
10.1	0	
9.1	0	
10.2	0	
9.7	0	
10.3	0	
11	0	
11.3	0	
11.4	0	
8.6	0	14:00-16:00 shut in period, 12m ³ light oil was injected, and 17:00
11.1	0	
11.4	0	
11.7	0	
11.3	0	
12.2	0	
11.6	0	
12.5	0	
5.5	0	surface pump failure, 17:30-19:00 shut in period, 11m ³ light oil was
0	0	surface pump failure, well shutdown
0	0	surface pump failure, well shutdown
0	0	surface pump failure, well shutdown
0	0	surface pump failure, well shutdown
0	0	surface pump failure, well shutdown
4.1	0	GL:gas lift, start to inject nitrogen gas on 12:10
2.3	0	13:00 shut in, 13:00-14:30 period 9.6m ³ light oil was injected from the tubing, and 14:30-15:00 period 9.3m ³ was injected from the annulus
7.7	0	GL assisted with light oil
13.4	0	GL assisted with light oil
21.2	0	GL assisted with light oil
28.6	0	GL assisted with light oil
42.1	0	GL assisted with light oil
38.5	0	GL assisted with light oil
39.1	0	GL assisted with light oil
37.2	0	GL assisted with light oil
38.6	0	GL assisted with light oil
37.8	0	GL assisted with light oil

34.7	0	GL assisted with light oil
0	0	15:30-19:30 well shutdown, 30m ³ light oil was injected, 19:30 open well, and no liquid producing
0	0	well shutdown
0	0	well shutdown