

### AS-DRILLED WELLBORE SCHEMATIC

CONFIDENTIAL



<b>Well Name:</b>	UL G 9-46 Unit 2H
<b>Formation:</b>	Lower Barnett
<b>County, St:</b>	Andrews, TX
<b>SHL:</b>	Sec. 46, Blk 9, 2130' FNL, 1150' FEL, UL Survey
<b>BHL:</b>	Sec. 34, Blk 9, 599' FSL, 1115' FEL, UL Survey

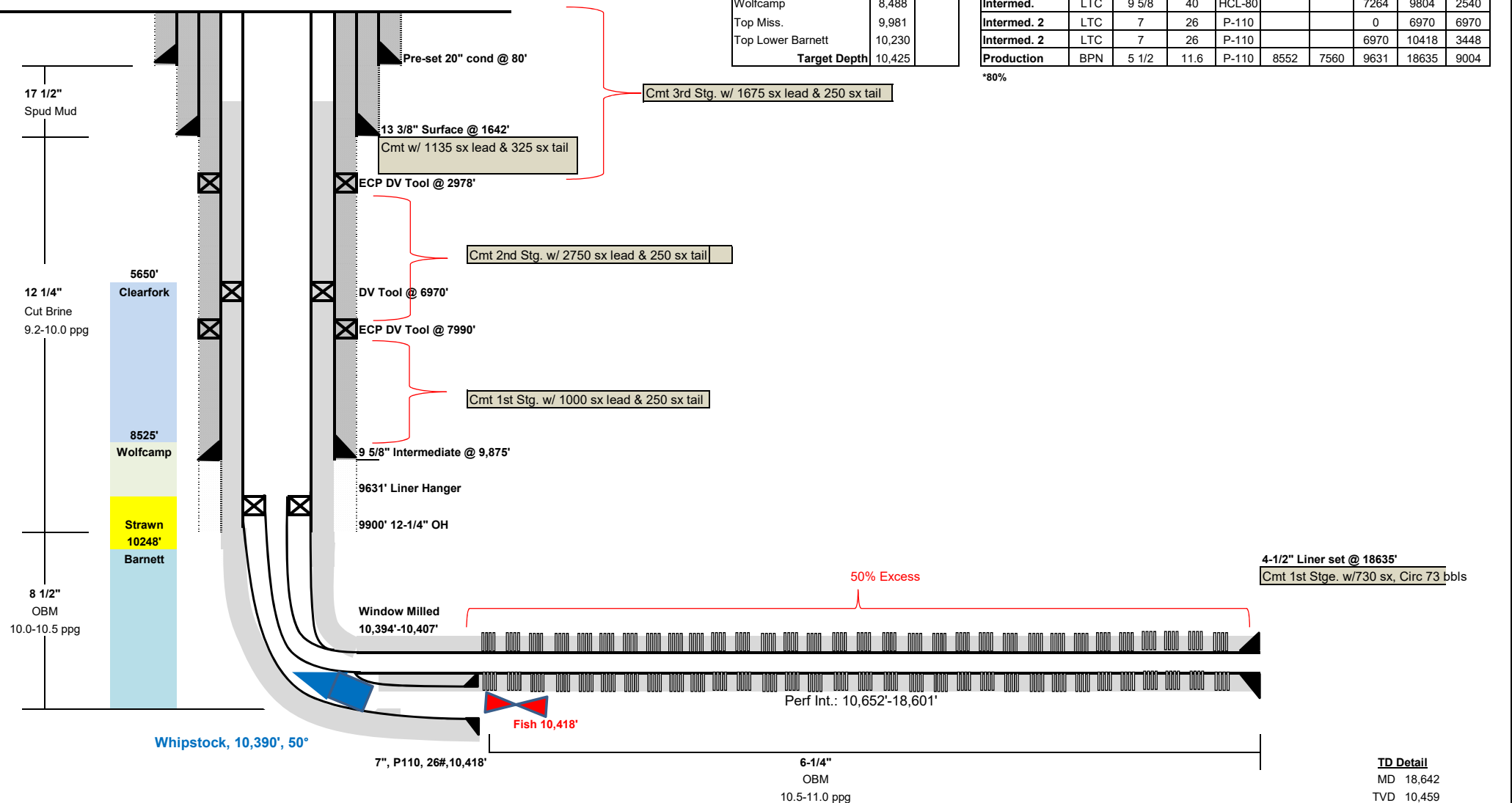
<b>Drilling Engineer:</b>	Jason L. Kincaid	<b>GL:</b>	3099'
<b>Completion Engineer:</b>	Mark Solari	<b>KB:</b>	25'
		<b>RKB:</b>	3024'

Spud: 3/12/2017  
Rig Down: 5/6/17  
TD: 18,642'

FORMATION TOPS	TVD	MD
Rustler	1,850	
Yates	3,120	
San Andres	4,700	
Clearfork	5,640	
Wolfcamp	8,488	
Top Miss.	9,981	
Top Lower Barnett	10,230	
<b>Target Depth</b>	10,425	

CASING DETAIL									
	Conn	Size	Wt	Grade	*Burst*	Collapse	Start	End	Length
Surface	STC	13 3/8	54.5	J-55	2184	1130	0	1642	1642
Intermed.	LTC	9 5/8	43.5	HCL-80			0	2695	2695
Intermed.	LTC	9 5/8	40	HCL-80			2695	7264	4569
Intermed.	LTC	9 5/8	40	HCL-80			7264	9804	2540
Intermed. 2	LTC	7	26	P-110			0	6970	6970
Intermed. 2	LTC	7	26	P-110			6970	10418	3448
Production	BPN	5 1/2	11.6	P-110	8552	7560	9631	18635	9004

\*80%



<u>Drilling Fluids</u>	<u>Build Section</u>	<u>Tool</u>	<u>Lateral Section</u>	<u>Tool</u>	<u>Liner System</u>	<u>Cement</u>	<u>AFE No.</u>	<u>Permit No.</u>	<u>API</u>	<u>Prepared By:</u> JLK
Zia Fluids	VON	PDM	VON	PDM	None	Trans-TEX	17104		42-003-47478	<u>Date:</u> 8-Feb-17



## PERFORATIONS SUMMARY

DATE	May 23, 2017	SUPERVISOR	Rocky Vines
WELL NAME	UL G 9-46 Unit #2H	ENGINEER	Mark Solari
PROSPECT/FIELD		STATE	Texas
LEASE	0		

PERFORATIONS						
Zone	Method	Top TD	Btm TD	Density	Hole Size	Phasing
Stage 1	Wireline	18,600	18,601	7	0.41	Frac Plane
0	Wireline	18,570	18,571	7	0.41	Frac Plane
0	Wireline	18,540	18,541	7	0.41	Frac Plane
0	Wireline	18,510	18,511	7	0.41	Frac Plane
0	Wireline	18,480	18,481	7	0.41	Frac Plane
0	Wireline	18,450	18,451	7	0.41	Frac Plane
Stage 2	Wireline	18,420	18,421	7	0.41	Frac Plane
0	Wireline	18,390	18,391	7	0.41	Frac Plane
0	Wireline	18,360	18,361	7	0.41	Frac Plane
0	Wireline	18,330	18,331	7	0.41	Frac Plane
0	Wireline	18,300	18,301	7	0.41	Frac Plane
0	Wireline	18,270	18,271	7	0.41	Frac Plane
Stage 3	Wireline	18,237	18,238	7	0.41	Frac Plane
0	Wireline	18,212	18,213	7	0.41	Frac Plane
0	Wireline	18,180	18,181	7	0.41	Frac Plane
0	Wireline	18,150	18,151	7	0.41	Frac Plane
0	Wireline	18,123	18,124	7	0.41	Frac Plane
0	Wireline	18,090	18,091	7	0.41	Frac Plane
Stage 4	Wireline	18,060	18,061	7	0.41	Frac Plane
0	Wireline	18,034	18,035	7	0.41	Frac Plane
0	Wireline	18,000	18,001	7	0.41	Frac Plane
0	Wireline	17,970	17,971	7	0.41	Frac Plane
0	Wireline	17,935	17,936	7	0.41	Frac Plane
0	Wireline	17,910	17,911	7	0.41	Frac Plane
Stage 5	Wireline	17,880	17,881	7	0.41	Frac Plane
0	Wireline	17,846	17,847	7	0.41	Frac Plane
0	Wireline	17,820	17,821	7	0.41	Frac Plane
0	Wireline	17,790	17,791	7	0.41	Frac Plane
0	Wireline	17,760	17,761	7	0.41	Frac Plane
0	Wireline	17,730	17,731	7	0.41	Frac Plane
Stage 6	Wireline	17,700	17,701	7	0.41	Frac Plane
0	Wireline	17,670	17,671	7	0.41	Frac Plane
0	Wireline	17,640	17,641	7	0.41	Frac Plane
0	Wireline	17,610	17,611	7	0.41	Frac Plane
0	Wireline	17,580	17,581	7	0.41	Frac Plane
0	Wireline	17,550	17,551	7	0.41	Frac Plane
Stage 7	Wireline	17,520	17,521	7	0.41	Frac Plane
0	Wireline	17,490	17,491	7	0.41	Frac Plane
0	Wireline	17,460	17,461	7	0.41	Frac Plane
0	Wireline	17,430	17,431	7	0.41	Frac Plane
0	Wireline	17,400	17,401	7	0.41	Frac Plane
0	Wireline	17,370	17,371	7	0.41	Frac Plane
Stage 8	Wireline	17,340	17,341	7	0.41	Frac Plane
0	Wireline	17,310	17,311	7	0.41	Frac Plane
0	Wireline	17,280	17,281	7	0.41	Frac Plane
0	Wireline	17,250	17,251	7	0.41	Frac Plane
0	Wireline	17,220	17,221	7	0.41	Frac Plane

0	Wireline	17,190	17,191	7	0.41	Frac Plane
Stage 9	Wireline	17,160	17,161	7	0.41	Frac Plane
0	Wireline	17,130	17,131	7	0.41	Frac Plane
0	Wireline	17,100	17,101	7	0.41	Frac Plane
0	Wireline	17,070	17,071	7	0.41	Frac Plane
0	Wireline	17,040	17,041	7	0.41	Frac Plane
0	Wireline	17,012	17,013	7	0.41	Frac Plane
Stage 10	Wireline	16,980	16,981	7	0.41	Frac Plane
0	Wireline	16,950	16,951	7	0.41	Frac Plane
0	Wireline	16,916	16,917	7	0.41	Frac Plane
0	Wireline	16,890	16,891	7	0.41	Frac Plane
0	Wireline	16,860	16,861	7	0.41	Frac Plane
0	Wireline	16,828	16,829	7	0.41	Frac Plane
Stage 11	Wireline	16,800	16,801	7	0.41	Frac Plane
0	Wireline	16,770	16,771	7	0.41	Frac Plane
0	Wireline	16,740	16,741	7	0.41	Frac Plane
0	Wireline	16,710	16,711	7	0.41	Frac Plane
0	Wireline	16,680	16,681	7	0.41	Frac Plane
0	Wireline	16,650	16,651	7	0.41	Frac Plane
Stage 12	Wireline	16,620	16,621	7	0.41	Frac Plane
0	Wireline	16,590	16,591	7	0.41	Frac Plane
0	Wireline	16,560	16,561	7	0.41	Frac Plane
0	Wireline	16,530	16,531	7	0.41	Frac Plane
0	Wireline	16,500	16,501	7	0.41	Frac Plane
0	Wireline	16,470	16,471	7	0.41	Frac Plane
Stage 13	Wireline	16,440	16,441	7	0.41	Frac Plane
0	Wireline	16,410	16,411	7	0.41	Frac Plane
0	Wireline	16,380	16,381	7	0.41	Frac Plane
0	Wireline	16,350	16,351	7	0.41	Frac Plane
0	Wireline	16,320	16,321	7	0.41	Frac Plane
0	Wireline	16,290	16,291	7	0.41	Frac Plane
Stage 14	Wireline	16,260	16,261	7	0.41	Frac Plane
0	Wireline	16,230	16,231	7	0.41	Frac Plane
0	Wireline	16,200	16,201	7	0.41	Frac Plane
0	Wireline	16,170	16,171	7	0.41	Frac Plane
0	Wireline	16,140	16,141	7	0.41	Frac Plane
0	Wireline	16,110	16,111	7	0.41	Frac Plane
Stage 15	Wireline	16,080	16,081	7	0.41	Frac Plane
0	Wireline	16,050	16,051	7	0.41	Frac Plane
0	Wireline	16,020	16,021	7	0.41	Frac Plane
0	Wireline	15,985	15,986	7	0.41	Frac Plane
0	Wireline	15,960	15,961	7	0.41	Frac Plane
0	Wireline	15,930	15,931	7	0.41	Frac Plane
Stage 16	Wireline	15,904	15,905	6	0.41	Frac Plane
0	Wireline	15,878	15,879	6	0.41	Frac Plane
0	Wireline	15,852	15,853	6	0.41	Frac Plane
0	Wireline	15,826	15,827	6	0.41	Frac Plane
0	Wireline	15,800	15,801	6	0.41	Frac Plane
0	Wireline	15,774	15,775	6	0.41	Frac Plane
0	Wireline	15,748	15,749	6	0.41	Frac Plane
Stage 17	Wireline	15,718	15,719	6	0.41	Frac Plane
0	Wireline	15,696	15,697	6	0.41	Frac Plane
0	Wireline	15,667	15,668	6	0.41	Frac Plane
0	Wireline	15,644	15,645	6	0.41	Frac Plane
0	Wireline	15,618	15,619	6	0.41	Frac Plane
0	Wireline	15,592	15,593	6	0.41	Frac Plane

0	Wireline	15,566	15,567	6	0.41	Frac Plane
Stage 18	Wireline	15,540	15,541	6	0.41	Frac Plane
0	Wireline	15,514	15,515	6	0.41	Frac Plane
0	Wireline	15,488	15,489	6	0.41	Frac Plane
0	Wireline	15,462	15,463	6	0.41	Frac Plane
0	Wireline	15,436	15,437	6	0.41	Frac Plane
0	Wireline	15,416	15,417	6	0.41	Frac Plane
0	Wireline	15,381	15,382	6	0.41	Frac Plane
Stage 19	Wireline	15,358	15,359	6	0.41	Frac Plane
0	Wireline	15,332	15,333	6	0.41	Frac Plane
0	Wireline	15,306	15,307	6	0.41	Frac Plane
0	Wireline	15,281	15,282	6	0.41	Frac Plane
0	Wireline	15,254	15,255	6	0.41	Frac Plane
0	Wireline	15,228	15,229	6	0.41	Frac Plane
0	Wireline	15,202	15,203	6	0.41	Frac Plane
Stage 20	Wireline	15,172	15,173	6	0.41	Frac Plane
0	Wireline	15,150	15,151	6	0.41	Frac Plane
0	Wireline	15,124	15,125	6	0.41	Frac Plane
0	Wireline	15,096	15,097	6	0.41	Frac Plane
0	Wireline	15,072	15,073	6	0.41	Frac Plane
0	Wireline	15,046	15,047	6	0.41	Frac Plane
0	Wireline	15,020	15,021	6	0.41	Frac Plane
Stage 21	Wireline	14,994	14,995	6	0.41	Frac Plane
0	Wireline	14,971	14,972	6	0.41	Frac Plane
0	Wireline	14,942	14,943	6	0.41	Frac Plane
0	Wireline	14,916	14,917	6	0.41	Frac Plane
0	Wireline	14,890	14,891	6	0.41	Frac Plane
0	Wireline	14,864	14,865	6	0.41	Frac Plane
0	Wireline	14,838	14,839	6	0.41	Frac Plane
Stage 22	Wireline	14,812	14,813	6	0.41	Frac Plane
0	Wireline	14,786	14,787	6	0.41	Frac Plane
0	Wireline	14,760	14,761	6	0.41	Frac Plane
0	Wireline	14,734	14,735	6	0.41	Frac Plane
0	Wireline	14,708	14,709	6	0.41	Frac Plane
0	Wireline	14,682	14,683	6	0.41	Frac Plane
0	Wireline	14,660	14,661	6	0.41	Frac Plane
Stage 23	Wireline	14,630	14,631	6	0.41	Frac Plane
0	Wireline	14,604	14,605	6	0.41	Frac Plane
0	Wireline	14,578	14,579	6	0.41	Frac Plane
0	Wireline	14,552	14,553	6	0.41	Frac Plane
0	Wireline	14,526	14,527	6	0.41	Frac Plane
0	Wireline	14,500	14,501	6	0.41	Frac Plane
0	Wireline	14,474	14,475	6	0.41	Frac Plane
Stage 24	Wireline	14,448	14,449	6	0.41	Frac Plane
0	Wireline	14,422	14,423	6	0.41	Frac Plane
0	Wireline	14,396	14,397	6	0.41	Frac Plane
0	Wireline	14,370	14,371	6	0.41	Frac Plane
0	Wireline	14,340	14,341	6	0.41	Frac Plane
0	Wireline	14,318	14,319	6	0.41	Frac Plane
0	Wireline	14,292	14,293	6	0.41	Frac Plane
Stage 25	Wireline	14,366	14,267	6	0.41	Frac Plane
0	Wireline	14,240	14,241	6	0.41	Frac Plane
0	Wireline	14,218	14,219	6	0.41	Frac Plane
0	Wireline	14,188	14,189	6	0.41	Frac Plane
0	Wireline	14,162	14,163	6	0.41	Frac Plane
0	Wireline	14,136	14,137	6	0.41	Frac Plane

0	Wireline	14,110	14,111	6	0.41	Frac Plane
Stage 26	Wireline	14,078	14,079	6	0.41	Frac Plane
0	Wireline	14,058	14,059	6	0.41	Frac Plane
0	Wireline	14,032	14,033	6	0.41	Frac Plane
0	Wireline	14,006	14,007	6	0.41	Frac Plane
0	Wireline	13,980	13,981	6	0.41	Frac Plane
0	Wireline	13,950	13,951	6	0.41	Frac Plane
0	Wireline	13,928	13,929	6	0.41	Frac Plane
Stage 27	Wireline	13,902	13,903	6	0.41	Frac Plane
0	Wireline	13,876	13,877	6	0.41	Frac Plane
0	Wireline	13,850	13,851	6	0.41	Frac Plane
0	Wireline	13,824	13,825	6	0.41	Frac Plane
0	Wireline	13,798	13,799	6	0.41	Frac Plane
0	Wireline	13,770	13,771	6	0.41	Frac Plane
0	Wireline	13,746	13,747	6	0.41	Frac Plane
Stage 28	Wireline	13,710	13,711	6	0.41	Frac Plane
0	Wireline	13,694	13,695	6	0.41	Frac Plane
0	Wireline	13,668	13,669	6	0.41	Frac Plane
0	Wireline	13,642	13,643	6	0.41	Frac Plane
0	Wireline	13,616	13,617	6	0.41	Frac Plane
0	Wireline	13,590	13,591	6	0.41	Frac Plane
0	Wireline	13,568	13,569	6	0.41	Frac Plane
Stage 29	Wireline	13,538	13,539	6	0.41	Frac Plane
0	Wireline	13,512	13,513	6	0.41	Frac Plane
0	Wireline	13,486	13,487	6	0.41	Frac Plane
0	Wireline	13,460	13,461	6	0.41	Frac Plane
0	Wireline	13,436	13,437	6	0.41	Frac Plane
0	Wireline	13,408	13,409	6	0.41	Frac Plane
0	Wireline	13,382	13,383	6	0.41	Frac Plane
Stage 30	Wireline	13,356	13,357	6	0.41	Frac Plane
0	Wireline	13,330	13,331	6	0.41	Frac Plane
0	Wireline	13,304	13,305	6	0.41	Frac Plane
0	Wireline	13,278	13,279	6	0.41	Frac Plane
0	Wireline	13,250	13,251	6	0.41	Frac Plane
0	Wireline	13,226	13,227	6	0.41	Frac Plane
0	Wireline	13,200	13,201	6	0.41	Frac Plane
Stage 31	Wireline	13,174	13,175	6	0.41	Frac Plane
0	Wireline	13,148	13,149	6	0.41	Frac Plane
0	Wireline	13,118	13,119	6	0.41	Frac Plane
0	Wireline	13,096	13,097	6	0.41	Frac Plane
0	Wireline	13,070	13,071	6	0.41	Frac Plane
0	Wireline	13,044	13,045	6	0.41	Frac Plane
0	Wireline	13,018	13,019	6	0.41	Frac Plane
Stage 32	Wireline	12,992	12,993	6	0.41	Frac Plane
0	Wireline	12,966	12,967	6	0.41	Frac Plane
0	Wireline	12,936	12,937	6	0.41	Frac Plane
0	Wireline	12,914	12,915	6	0.41	Frac Plane
0	Wireline	12,888	12,889	6	0.41	Frac Plane
0	Wireline	12,862	12,863	6	0.41	Frac Plane
0	Wireline	12,836	12,837	6	0.41	Frac Plane
Stage 33	Wireline	12,806	12,807	6	0.41	Frac Plane
0	Wireline	12,784	12,785	6	0.41	Frac Plane
0	Wireline	12,758	12,759	6	0.41	Frac Plane
0	Wireline	12,732	12,733	6	0.41	Frac Plane
0	Wireline	12,706	12,707	6	0.41	Frac Plane
0	Wireline	12,676	12,677	6	0.41	Frac Plane

0	Wireline	12,654	12,655	6	0.41	Frac Plane
Stage 34	Wireline	12,628	12,629	6	0.41	Frac Plane
0	Wireline	12,602	12,603	6	0.41	Frac Plane
0	Wireline	12,576	12,577	6	0.41	Frac Plane
0	Wireline	12,550	12,551	6	0.41	Frac Plane
0	Wireline	12,524	12,525	6	0.41	Frac Plane
0	Wireline	12,498	12,499	6	0.41	Frac Plane
0	Wireline	12,472	12,473	6	0.41	Frac Plane
Stage 35	Wireline	12,440	12,441	6	0.41	Frac Plane
0	Wireline	12,420	12,421	6	0.41	Frac Plane
0	Wireline	12,394	12,395	6	0.41	Frac Plane
0	Wireline	12,366	12,367	6	0.41	Frac Plane
0	Wireline	12,342	12,343	6	0.41	Frac Plane
0	Wireline	12,316	12,317	6	0.41	Frac Plane
0	Wireline	12,290	12,291	6	0.41	Frac Plane
Stage 36	Wireline	12,264	12,265	6	0.41	Frac Plane
0	Wireline	12,233	12,234	6	0.41	Frac Plane
0	Wireline	12,212	12,213	6	0.41	Frac Plane
0	Wireline	12,186	12,187	6	0.41	Frac Plane
0	Wireline	12,160	12,161	6	0.41	Frac Plane
0	Wireline	12,134	12,135	6	0.41	Frac Plane
0	Wireline	12,108	12,109	6	0.41	Frac Plane
Stage 37	Wireline	12,082	12,083	6	0.41	Frac Plane
0	Wireline	12,054	12,055	6	0.41	Frac Plane
0	Wireline	12,030	12,031	6	0.41	Frac Plane
0	Wireline	12,004	12,005	6	0.41	Frac Plane
0	Wireline	11,978	11,979	6	0.41	Frac Plane
0	Wireline	11,952	11,953	6	0.41	Frac Plane
0	Wireline	11,930	11,931	6	0.41	Frac Plane
Stage 38	Wireline	11,900	11,901	6	0.41	Frac Plane
0	Wireline	11,874	11,875	6	0.41	Frac Plane
0	Wireline	11,848	11,849	6	0.41	Frac Plane
0	Wireline	11,822	11,823	6	0.41	Frac Plane
0	Wireline	11,800	11,801	6	0.41	Frac Plane
0	Wireline	11,770	11,771	6	0.41	Frac Plane
0	Wireline	11,744	11,745	6	0.41	Frac Plane
Stage 39	Wireline	11,718	11,719	6	0.41	Frac Plane
0	Wireline	11,692	11,693	6	0.41	Frac Plane
0	Wireline	11,668	11,669	6	0.41	Frac Plane
0	Wireline	11,640	11,641	6	0.41	Frac Plane
0	Wireline	11,612	11,613	6	0.41	Frac Plane
0	Wireline	11,588	11,589	6	0.41	Frac Plane
0	Wireline	11,562	11,563	6	0.41	Frac Plane
Stage 40	Wireline	11,536	11,537	6	0.41	Frac Plane
0	Wireline	11,510	11,511	6	0.41	Frac Plane
0	Wireline	11,479	11,480	6	0.41	Frac Plane
0	Wireline	11,458	11,459	6	0.41	Frac Plane
0	Wireline	11,432	11,433	6	0.41	Frac Plane
0	Wireline	11,406	11,407	6	0.41	Frac Plane
0	Wireline	11,380	11,381	6	0.41	Frac Plane
Stage 41	Wireline	11,348	11,349	6	0.41	Frac Plane
0	Wireline	11,328	11,329	6	0.41	Frac Plane
0	Wireline	11,302	11,303	6	0.41	Frac Plane
0	Wireline	11,276	11,277	6	0.41	Frac Plane
0	Wireline	11,250	11,251	6	0.41	Frac Plane
0	Wireline	11,224	11,225	6	0.41	Frac Plane

0	Wireline	11,198	11,199	6	0.41	Frac Plane
Stage 42	Wireline	11,169	11,170	6	0.41	Frac Plane
0	Wireline	11,146	11,147	6	0.41	Frac Plane
0	Wireline	11,120	11,121	6	0.41	Frac Plane
0	Wireline	11,094	11,095	6	0.41	Frac Plane
0	Wireline	11,068	11,069	6	0.41	Frac Plane
0	Wireline	11,045	11,046	6	0.41	Frac Plane
0	Wireline	11,016	11,017	6	0.41	Frac Plane
Stage 43	Wireline	10,990	10,991	6	0.41	Frac Plane
0	Wireline	10,964	10,965	6	0.41	Frac Plane
0	Wireline	10,938	10,939	6	0.41	Frac Plane
0	Wireline	10,912	10,913	6	0.41	Frac Plane
0	Wireline	10,886	10,887	6	0.41	Frac Plane
0	Wireline	10,860	10,861	6	0.41	Frac Plane
0	Wireline	10,834	10,835	6	0.41	Frac Plane
Stage 44	Wireline	10,802	10,803	6	0.41	Frac Plane
0	Wireline	10,782	10,783	6	0.41	Frac Plane
0	Wireline	10,756	10,757	6	0.41	Frac Plane
0	Wireline	10,726	10,727	6	0.41	Frac Plane
0	Wireline	10,704	10,705	6	0.41	Frac Plane
0	Wireline	10,678	10,679	6	0.41	Frac Plane
0	Wireline	10,652	10,653	6	0.41	Frac Plane