Daily Completion Report

Well ID: 42-383-39745
Field: Impossible

SEM Operating Company, LLC

Well Name: University 9 2816WB
Sect: 28 County: Reagan State: TX

Report No: 66 **Report For 06:00 AM 27-May-17**

Operator:	SEM Operating	**Rig:**	NON RIG WORK	**Well Bore:**	Original Well Bore	**Daily Cost / Fluid ($):**		20,220 / 0
Measured Depth (ft):	16520	**Completion Days (act.):**	30	**Casing Head Elev (ft/hr):**		**AFE No.**	**AFE ($)**	**Actual ($)**
Vertical Depth (ft):	8264	**Completion Days (plan):**		**Tubing Head Elev (ft/hr):**		111416	5,566,339	6,128,295
Plug Back MD (ft):		**Days On Location:**	60	**Orig RKB Elev(ft):**	2689.20			
Plug Back TVD (ft)		**Spud Date:**	27-Dec-16	**Last BOP Test:**	16-Mar-17	**Totals:**	5,566,339	6,128,295
Last Casing:	5.500 at 16,487			**Working Interest:**		**Well Cost ($):**		6,128,295

Pers/Hrs: **Operator:** 1 / 10 **Contractor:** 3 / 30 **Service:** 0 / 0 **Other:** 0 / 0 **Total:** 4 / 40

SafetySummary: No incidents or events reported. 0 day since LTI. Conducted Safety Meeting.

Current Operations: WAITING ON WSU

Planned Operations: TIH W/ GL EQUIP COMMENCE FLOW BACK

Wellsite Supervisors: STEPHEN ROBERTS **Tel No.:** 572-200-8648

Operations Summary

From	To	Elapsed	End MD(ft)	Code	Operations Description	Non-Prod
6:00	8:00	2.00	16,520	WOD	WAITING ON DAYLIGHT	
8:00	8:30	0.50	16,520	SAFETY	TAILGATE SAFETY MEETING	
8:30	9:30	1.00	16,520	RU	RU ON WELL HEAD	
9:30	11:00	1.50	16,520	OTHER	, FOUND BAD SPOT IN ELINE, LD LUBRICATOR CUT LINE AND REHEAD	
11:00	12:00	1.00	16,520	LOG	TIH W/ 40625 GUAGE RING AND JUNK BASKET TO 7600' , POH W/ TOOLS	
12:00	12:30	0.50	16,520	BHAOP	PICK UP BHA AS FOLLOWS 2 7/8 EU 8RD L80 WLEG 2 7/8 EU 8RD L80 MAGNUM CERAMIC RUPTURE DISK SUB 2 7/8 EU 8RD L80 LANDING NIPPLE W/ 2.31 "R" PROFILE 2 7/8 X 10' EU 8RD L80 TUBING SUB RICO 5 1/2 X 2 7/8 WIRELINE SET AS1X PACKER RICO 2 7/8 T2 JAY LUG NIPPLE BAKER TYPE #20 WLPSA	
12:30	13:30	1.00	16,520	LOG	RIH W/ TOOLS, LOCATE ON SHORT JOINT, SET PE'S @ 7587' BLEED OFF WELL PKR HOLDING, POH W/ TOOLS	
13:30	14:00	0.50	16,520	RD	REMO WIRELINE EQUIPMENT	
14:00	6:00	16.00	16,520	WOE	WELLHEA SECURE WAITING ON WSU	

Management Summary

SET PKR ON WIRELINE

Cost/AFE Information

AFE No	AFE Description	AFE Amount	Daily Fluid	Well Fluid	Daily Total	Well Total	% Spent
111416	D & C a WB well, 7500' lateral	5,566,339	0	230,285	20,220	6,128,295	110.10 %
	Totals $:	5,566,339	0	230,285	20,220	6,128,295	110.10 %

Casing/Tubular Information

Type	Size (ins)	Top MD (ft)	Top TVD (ft)	Bottom MD (ft)	Bottom TVD (ft)	Nom. Wgt. (lbs)	Nominal Grade	LOT (lbs/gal)
FULL	13.375	0	0	716	716	55		
FULL	9.625	0		7,600	7,537	40	J-55	
FULL	5.500	0		16,487		20	HCP-110	

Perforation Information

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
25-Apr-17 13:01	LARGE	WLINGUN	8,713	8,714	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
25-Apr-17 13:00	LARGE	WLINGUN	8,723	8,724	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
25-Apr-17 12:49	LARGE	WLINGUN	8,733	8,734	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
25-Apr-17 12:48	LARGE	WLINGUN	8,743	8,744	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
25-Apr-17 12:47	LARGE	WLINGUN	8,753	8,754	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
25-Apr-17 12:46	LARGE	WLINGUN	8,763	8,764	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
25-Apr-17 12:45	LARGE	WLINGUN	8,773	8,774	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
25-Apr-17 12:44	LARGE	WLINGUN	8,783	8,784	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
25-Apr-17 12:43	LARGE	WLINGUN	8,793	8,794	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
25-Apr-17 12:42	LARGE	WLINGUN	8,803	8,804	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
25-Apr-17 12:41	LARGE	WLINGUN	8,810	8,811	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
25-Apr-17 12:40	LARGE	WLINGUN	8,823	8,824	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
25-Apr-17 08:21	LARGE	WLINGUN	8,840	8,841	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
25-Apr-17 08:20	LARGE	WLINGUN	8,850	8,851	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
25-Apr-17 08:19	LARGE	WLINGUN	8,860	8,861	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
25-Apr-17 08:18	LARGE	WLINGUN	8,870	8,871	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
25-Apr-17 08:17	LARGE	WLINGUN	8,880	8,881	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
25-Apr-17 08:16	LARGE	WLINGUN	8,890	8,891	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
25-Apr-17 08:15	LARGE	WLINGUN	8,900	8,901	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
25-Apr-17 08:14	LARGE	WLINGUN	8,910	8,911	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
25-Apr-17 08:13	LARGE	WLINGUN	8,920	8,921	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
25-Apr-17 08:12	LARGE	WLINGUN	8,930	8,931	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
25-Apr-17 08:11	LARGE	WLINGUN	8,940	8,941	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
25-Apr-17 08:10	LARGE	WLINGUN	8,950	8,951	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

Perforation Information

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
24-Apr-17 23:25	LARGE	WLINGUN	8,967	8,968	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 23:24	LARGE	WLINGUN	8,979	8,980	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 23:23	LARGE	WLINGUN	8,991	8,992	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 23:22	LARGE	WLINGUN	9,003	9,004	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 23:21	LARGE	WLINGUN	9,014	9,015	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 23:20	LARGE	WLINGUN	9,027	9,028	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 23:19	LARGE	WLINGUN	9,039	9,040	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 23:18	LARGE	WLINGUN	9,051	9,052	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 23:17	LARGE	WLINGUN	9,060	9,061	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 23:16	LARGE	WLINGUN	9,075	9,076	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 23:15	LARGE	WLINGUN	9,087	9,088	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 23:14	LARGE	WLINGUN	9,099	9,100	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
24-Apr-17 16:05	LARGE	WLINGUN	9,116	9,117	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 16:04	LARGE	WLINGUN	9,128	9,129	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 16:03	LARGE	WLINGUN	9,140	9,141	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 16:02	LARGE	WLINGUN	9,150	9,151	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 16:01	LARGE	WLINGUN	9,164	9,165	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 16:00	LARGE	WLINGUN	9,176	9,177	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 15:59	LARGE	WLINGUN	9,188	9,189	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 15:58	LARGE	WLINGUN	9,200	9,201	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 15:57	LARGE	WLINGUN	9,212	9,213	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 15:56	LARGE	WLINGUN	9,224	9,225	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 15:55	LARGE	WLINGUN	9,236	9,237	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 15:54	LARGE	WLINGUN	9,248	9,249	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
24-Apr-17 10:37	LARGE	WLINGUN	9,265	9,266	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 10:36	LARGE	WLINGUN	9,277	9,278	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 10:35	LARGE	WLINGUN	9,287	9,288	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 10:34	LARGE	WLINGUN	9,301	9,302	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 10:33	LARGE	WLINGUN	9,313	9,314	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 10:32	LARGE	WLINGUN	9,325	9,326	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 10:31	LARGE	WLINGUN	9,337	9,338	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 10:30	LARGE	WLINGUN	9,349	9,350	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 10:29	LARGE	WLINGUN	9,361	9,362	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 10:28	LARGE	WLINGUN	9,373	9,374	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 10:27	LARGE	WLINGUN	9,385	9,386	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 10:26	LARGE	WLINGUN	9,397	9,398	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
24-Apr-17 03:50	LARGE	WLINGUN	9,414	9,415	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 03:49	LARGE	WLINGUN	9,426	9,427	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 03:48	LARGE	WLINGUN	9,438	9,439	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 03:47	LARGE	WLINGUN	9,450	9,451	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 03:46	LARGE	WLINGUN	9,462	9,463	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 03:45	LARGE	WLINGUN	9,474	9,475	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 03:44	LARGE	WLINGUN	9,486	9,487	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 03:43	LARGE	WLINGUN	9,498	9,499	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 03:42	LARGE	WLINGUN	9,510	9,511	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 03:41	LARGE	WLINGUN	9,522	9,523	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 03:40	LARGE	WLINGUN	9,534	9,535	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
24-Apr-17 03:39	LARGE	WLINGUN	9,544	9,545	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

Perforation Information

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
23-Apr-17 16:15	LARGE	WLINGUN	9,563	9,564	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
23-Apr-17 16:14	LARGE	WLINGUN	9,575	9,576	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
23-Apr-17 16:13	LARGE	WLINGUN	9,587	9,588	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
23-Apr-17 16:12	LARGE	WLINGUN	9,599	9,600	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
23-Apr-17 16:11	LARGE	WLINGUN	9,611	9,612	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
23-Apr-17 16:10	LARGE	WLINGUN	9,623	9,624	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
23-Apr-17 16:09	LARGE	WLINGUN	9,635	9,636	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
23-Apr-17 16:08	LARGE	WLINGUN	9,647	9,648	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
23-Apr-17 16:07	LARGE	WLINGUN	9,659	9,660	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
23-Apr-17 16:06	LARGE	WLINGUN	9,671	9,672	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
23-Apr-17 16:05	LARGE	WLINGUN	9,683	9,684	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
23-Apr-17 16:04	LARGE	WLINGUN	9,692	9,693	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
23-Apr-17 12:10	LARGE	WLINGUN	9,712	9,713	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
23-Apr-17 12:09	LARGE	WLINGUN	9,724	9,725	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
23-Apr-17 12:08	LARGE	WLINGUN	9,736	9,737	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
23-Apr-17 12:07	LARGE	WLINGUN	9,748	9,749	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
23-Apr-17 12:06	LARGE	WLINGUN	9,760	9,761	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
23-Apr-17 12:05	LARGE	WLINGUN	9,772	9,773	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
23-Apr-17 12:04	LARGE	WLINGUN	9,784	9,785	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
23-Apr-17 12:03	LARGE	WLINGUN	9,796	9,797	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
23-Apr-17 12:02	LARGE	WLINGUN	9,808	9,809	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
23-Apr-17 12:01	LARGE	WLINGUN	9,820	9,821	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
23-Apr-17 12:00	LARGE	WLINGUN	9,834	9,835	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
23-Apr-17 11:59	LARGE	WLINGUN	9,844	9,845	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
22-Apr-17 23:45	LARGE	WLINGUN	9,861	9,862	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 23:44	LARGE	WLINGUN	9,873	9,874	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 23:43	LARGE	WLINGUN	9,885	9,886	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 23:42	LARGE	WLINGUN	9,897	9,898	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 23:41	LARGE	WLINGUN	9,909	9,910	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 23:40	LARGE	WLINGUN	9,920	9,921	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 23:39	LARGE	WLINGUN	9,933	9,934	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 23:38	LARGE	WLINGUN	9,945	9,946	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 23:37	LARGE	WLINGUN	9,957	9,958	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 23:36	LARGE	WLINGUN	9,969	9,970	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 23:35	LARGE	WLINGUN	9,981	9,982	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 23:34	LARGE	WLINGUN	9,993	9,994	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
22-Apr-17 17:50	LARGE	WLINGUN	10,010	10,011	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 17:49	LARGE	WLINGUN	10,022	10,023	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 17:48	LARGE	WLINGUN	10,034	10,035	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 17:47	LARGE	WLINGUN	10,046	10,047	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 17:46	LARGE	WLINGUN	10,060	10,061	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 17:45	LARGE	WLINGUN	10,070	10,071	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 17:44	LARGE	WLINGUN	10,082	10,083	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 17:43	LARGE	WLINGUN	10,094	10,095	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 17:42	LARGE	WLINGUN	10,106	10,107	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 17:41	LARGE	WLINGUN	10,118	10,119	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 17:40	LARGE	WLINGUN	10,130	10,131	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 17:39	LARGE	WLINGUN	10,142	10,143	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

Perforation Information

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
22-Apr-17 11:30	LARGE	WLINGUN	11,159	11,160	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 11:29	LARGE	WLINGUN	11,171	11,172	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 11:28	LARGE	WLINGUN	10,183	10,184	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 11:27	LARGE	WLINGUN	10,195	10,196	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 11:26	LARGE	WLINGUN	10,207	10,208	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 11:25	LARGE	WLINGUN	10,219	10,220	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 11:24	LARGE	WLINGUN	10,231	10,232	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 11:23	LARGE	WLINGUN	10,243	10,244	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 11:22	LARGE	WLINGUN	10,255	10,256	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 11:21	LARGE	WLINGUN	10,267	10,268	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 11:20	LARGE	WLINGUN	10,279	10,280	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 11:19	LARGE	WLINGUN	10,291	10,292	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
22-Apr-17 05:44	LARGE	WLINGUN	10,308	10,309	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 05:43	LARGE	WLINGUN	10,320	10,321	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 05:42	LARGE	WLINGUN	10,332	10,333	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 05:41	LARGE	WLINGUN	10,344	10,345	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 05:40	LARGE	WLINGUN	10,356	10,357	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 05:39	LARGE	WLINGUN	10,368	10,369	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 05:38	LARGE	WLINGUN	10,380	10,381	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 05:37	LARGE	WLINGUN	10,392	10,393	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 05:36	LARGE	WLINGUN	10,404	10,405	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 05:35	LARGE	WLINGUN	10,416	10,417	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 05:34	LARGE	WLINGUN	10,428	10,429	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
22-Apr-17 05:33	LARGE	WLINGUN	10,440	10,441	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
21-Apr-17 23:12	LARGE	WLINGUN	10,457	10,458	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 23:11	LARGE	WLINGUN	10,469	10,470	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 23:10	LARGE	WLINGUN	10,481	10,482	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 23:09	LARGE	WLINGUN	10,493	10,494	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 23:08	LARGE	WLINGUN	10,505	10,506	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 23:07	LARGE	WLINGUN	10,517	10,518	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 23:06	LARGE	WLINGUN	10,529	10,530	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 23:05	LARGE	WLINGUN	10,541	10,542	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 23:04	LARGE	WLINGUN	10,553	10,554	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 23:03	LARGE	WLINGUN	10,565	10,566	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 23:02	LARGE	WLINGUN	10,577	10,578	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 23:01	LARGE	WLINGUN	10,590	10,591	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
21-Apr-17 16:47	LARGE	WLINGUN	10,606	10,607	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 16:46	LARGE	WLINGUN	10,618	10,619	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 16:45	LARGE	WLINGUN	10,630	10,631	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 16:44	LARGE	WLINGUN	10,642	10,643	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 16:43	LARGE	WLINGUN	10,654	10,655	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 16:42	LARGE	WLINGUN	10,666	10,667	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 16:41	LARGE	WLINGUN	10,678	10,679	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 16:40	LARGE	WLINGUN	10,692	10,693	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 16:39	LARGE	WLINGUN	10,702	10,703	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 16:38	LARGE	WLINGUN	10,714	10,715	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 16:37	LARGE	WLINGUN	10,726	10,727	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 16:36	LARGE	WLINGUN	10,738	10,739	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
21-Apr-17 09:51	LARGE	WLINGUN	10,755	10,756	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 09:50	LARGE	WLINGUN	10,767	10,768	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 09:49	LARGE	WLINGUN	10,777	10,778	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 09:48	LARGE	WLINGUN	10,791	10,792	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 09:47	LARGE	WLINGUN	10,803	10,804	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 09:46	LARGE	WLINGUN	10,815	10,816	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 09:45	LARGE	WLINGUN	10,827	10,828	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 09:44	LARGE	WLINGUN	10,839	10,840	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 09:43	LARGE	WLINGUN	10,851	10,852	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 09:42	LARGE	WLINGUN	10,863	10,864	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 09:41	LARGE	WLINGUN	10,875	10,876	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 09:40	LARGE	WLINGUN	10,887	10,888	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
21-Apr-17 01:34	LARGE	WLINGUN	10,904	10,905	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 01:33	LARGE	WLINGUN	10,914	10,915	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 01:32	LARGE	WLINGUN	10,928	10,929	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 01:31	LARGE	WLINGUN	10,940	10,941	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 01:30	LARGE	WLINGUN	10,952	10,953	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 01:29	LARGE	WLINGUN	10,964	10,965	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 01:28	LARGE	WLINGUN	10,976	10,977	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 01:27	LARGE	WLINGUN	10,988	10,989	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 01:26	LARGE	WLINGUN	11,000	11,001	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 01:25	LARGE	WLINGUN	11,012	11,013	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 01:24	LARGE	WLINGUN	11,024	11,025	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
21-Apr-17 01:23	LARGE	WLINGUN	11,036	11,037	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
20-Apr-17 21:23	LARGE	WLINGUN	11,053	11,054	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 21:22	LARGE	WLINGUN	11,065	11,066	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 21:21	LARGE	WLINGUN	11,077	11,078	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 21:20	LARGE	WLINGUN	11,089	11,090	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 21:19	LARGE	WLINGUN	11,101	11,102	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 21:18	LARGE	WLINGUN	11,113	11,114	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 21:17	LARGE	WLINGUN	11,125	11,126	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 21:16	LARGE	WLINGUN	11,137	11,138	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 21:15	LARGE	WLINGUN	11,149	11,150	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 21:14	LARGE	WLINGUN	11,161	11,162	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 21:13	LARGE	WLINGUN	11,173	11,174	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 21:12	LARGE	WLINGUN	11,182	11,183	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
20-Apr-17 11:21	LARGE	WLINGUN	11,202	11,203	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 11:20	LARGE	WLINGUN	11,214	11,215	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 11:19	LARGE	WLINGUN	11,226	11,227	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 11:18	LARGE	WLINGUN	11,238	11,239	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 11:17	LARGE	WLINGUN	11,250	11,251	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 11:16	LARGE	WLINGUN	11,262	11,263	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 11:15	LARGE	WLINGUN	11,274	11,275	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 11:14	LARGE	WLINGUN	11,286	11,287	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 11:13	LARGE	WLINGUN	11,298	11,299	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 11:12	LARGE	WLINGUN	11,310	11,311	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 11:11	LARGE	WLINGUN	11,326	11,327	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 11:10	LARGE	WLINGUN	11,334	11,335	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
20-Apr-17 05:31	LARGE	WLINGUN	11,351	11,352	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 05:30	LARGE	WLINGUN	11,363	11,364	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 05:29	LARGE	WLINGUN	11,375	11,376	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 05:28	LARGE	WLINGUN	11,387	11,388	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 05:27	LARGE	WLINGUN	11,399	11,400	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 05:26	LARGE	WLINGUN	11,411	11,412	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 05:25	LARGE	WLINGUN	11,423	11,424	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 05:24	LARGE	WLINGUN	11,435	11,436	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 05:23	LARGE	WLINGUN	11,447	11,448	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 05:22	LARGE	WLINGUN	11,459	11,460	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 05:21	LARGE	WLINGUN	11,471	11,472	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
20-Apr-17 05:20	LARGE	WLINGUN	11,483	11,484	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
19-Apr-17 22:54	LARGE	WLINGUN	11,500	11,501	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 22:53	LARGE	WLINGUN	11,512	11,513	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 22:52	LARGE	WLINGUN	11,524	11,525	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 22:51	LARGE	WLINGUN	11,536	11,537	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 22:50	LARGE	WLINGUN	11,548	11,549	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 22:49	LARGE	WLINGUN	11,560	11,561	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 22:48	LARGE	WLINGUN	11,572	11,573	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 22:47	LARGE	WLINGUN	11,584	11,585	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 22:46	LARGE	WLINGUN	11,596	11,597	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 22:45	LARGE	WLINGUN	11,608	11,609	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 22:44	LARGE	WLINGUN	11,620	11,621	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 22:43	LARGE	WLINGUN	11,632	11,633	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
19-Apr-17 15:47	LARGE	WLINGUN	11,649	11,650	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 15:46	LARGE	WLINGUN	11,661	11,662	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 15:45	LARGE	WLINGUN	11,673	11,674	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 15:44	LARGE	WLINGUN	11,686	11,687	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 15:43	LARGE	WLINGUN	11,697	11,698	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 15:42	LARGE	WLINGUN	11,709	11,710	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 15:41	LARGE	WLINGUN	11,721	11,722	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 15:40	LARGE	WLINGUN	11,733	11,734	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 15:39	LARGE	WLINGUN	11,745	11,746	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 15:38	LARGE	WLINGUN	11,757	11,758	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 15:37	LARGE	WLINGUN	11,781	11,782	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 15:36	LARGE	WLINGUN	11,769	11,770	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
19-Apr-17 08:34	LARGE	WLINGUN	11,798	11,799	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 08:33	LARGE	WLINGUN	11,810	11,811	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 08:32	LARGE	WLINGUN	11,822	11,823	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 08:31	LARGE	WLINGUN	11,834	11,835	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 08:30	LARGE	WLINGUN	11,846	11,847	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 08:29	LARGE	WLINGUN	11,858	11,859	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 08:28	LARGE	WLINGUN	11,870	11,871	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 08:27	LARGE	WLINGUN	11,882	11,883	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 08:26	LARGE	WLINGUN	11,894	11,895	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 08:25	LARGE	WLINGUN	11,906	11,907	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 08:24	LARGE	WLINGUN	11,918	11,919	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 08:22	LARGE	WLINGUN	11,930	11,931	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
19-Apr-17 01:11	LARGE	WLINGUN	11,947	11,948	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 01:10	LARGE	WLINGUN	11,959	11,960	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 01:09	LARGE	WLINGUN	11,971	11,972	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 01:08	LARGE	WLINGUN	11,983	11,984	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 01:07	LARGE	WLINGUN	11,995	11,996	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 01:06	LARGE	WLINGUN	12,007	12,008	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 01:05	LARGE	WLINGUN	12,019	12,020	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 01:04	LARGE	WLINGUN	12,031	12,032	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 01:03	LARGE	WLINGUN	12,043	12,044	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 01:02	LARGE	WLINGUN	12,055	12,056	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 01:01	LARGE	WLINGUN	12,067	12,068	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
19-Apr-17 01:00	LARGE	WLINGUN	12,076	12,077	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
18-Apr-17 17:54	LARGE	WLINGUN	12,096	12,097	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
18-Apr-17 17:53	LARGE	WLINGUN	12,108	12,109	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
18-Apr-17 17:52	LARGE	WLINGUN	12,120	12,121	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
18-Apr-17 17:51	LARGE	WLINGUN	12,132	12,133	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
18-Apr-17 17:50	LARGE	WLINGUN	12,144	12,145	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
18-Apr-17 17:49	LARGE	WLINGUN	12,156	12,157	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
18-Apr-17 17:48	LARGE	WLINGUN	12,168	12,169	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
18-Apr-17 17:47	LARGE	WLINGUN	12,180	12,181	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
18-Apr-17 17:46	LARGE	WLINGUN	12,192	12,193	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
18-Apr-17 17:45	LARGE	WLINGUN	12,204	12,205	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
18-Apr-17 17:44	LARGE	WLINGUN	12,216	12,217	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
18-Apr-17 17:43	LARGE	WLINGUN	12,224	12,225	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
18-Apr-17 10:33	LARGE	WLINGUN	12,245	12,246	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
18-Apr-17 10:32	LARGE	WLINGUN	12,257	12,258	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
18-Apr-17 10:31	LARGE	WLINGUN	12,269	12,270	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
18-Apr-17 10:30	LARGE	WLINGUN	12,281	12,282	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
18-Apr-17 10:29	LARGE	WLINGUN	12,293	12,294	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
18-Apr-17 10:28	LARGE	WLINGUN	12,305	12,306	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
18-Apr-17 10:27	LARGE	WLINGUN	12,320	12,321	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
18-Apr-17 10:26	LARGE	WLINGUN	12,329	12,330	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
18-Apr-17 10:25	LARGE	WLINGUN	12,341	12,342	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
18-Apr-17 10:24	LARGE	WLINGUN	12,353	12,354	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
18-Apr-17 10:23	LARGE	WLINGUN	12,366	12,367	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
18-Apr-17 10:22	LARGE	WLINGUN	12,377	12,378	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
17-Apr-17 22:50	LARGE	WLINGUN	12,394	12,395	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 22:49	LARGE	WLINGUN	12,406	12,407	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 22:48	LARGE	WLINGUN	12,418	12,419	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 22:47	LARGE	WLINGUN	12,430	12,431	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 22:46	LARGE	WLINGUN	12,442	12,443	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 22:45	LARGE	WLINGUN	12,454	12,455	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 22:44	LARGE	WLINGUN	12,466	12,467	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 22:43	LARGE	WLINGUN	12,478	12,479	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 22:42	LARGE	WLINGUN	12,490	12,491	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 22:41	LARGE	WLINGUN	12,502	12,503	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 22:40	LARGE	WLINGUN	12,514	12,515	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 22:39	LARGE	WLINGUN	12,526	12,527	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
17-Apr-17 16:32	LARGE	WLINGUN	12,546	12,547	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 16:31	LARGE	WLINGUN	12,555	12,556	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 16:30	LARGE	WLINGUN	12,567	12,568	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 16:29	LARGE	WLINGUN	12,579	12,580	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 16:28	LARGE	WLINGUN	12,591	12,592	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 16:27	LARGE	WLINGUN	12,603	12,604	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 16:26	LARGE	WLINGUN	12,615	12,616	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 16:25	LARGE	WLINGUN	12,627	12,628	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 16:24	LARGE	WLINGUN	12,639	12,640	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 16:23	LARGE	WLINGUN	12,651	12,652	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 16:22	LARGE	WLINGUN	12,663	12,664	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 16:21	LARGE	WLINGUN	12,675	12,676	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
17-Apr-17 02:12	LARGE	WLINGUN	12,692	12,693	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 02:11	LARGE	WLINGUN	12,704	12,705	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 02:10	LARGE	WLINGUN	12,716	12,717	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 02:09	LARGE	WLINGUN	12,728	12,729	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 02:08	LARGE	WLINGUN	12,740	12,741	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 02:07	LARGE	WLINGUN	12,752	12,753	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 02:06	LARGE	WLINGUN	12,764	12,765	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 02:05	LARGE	WLINGUN	12,776	12,777	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 02:04	LARGE	WLINGUN	12,788	12,789	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 02:03	LARGE	WLINGUN	12,800	12,801	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 02:02	LARGE	WLINGUN	12,812	12,813	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
17-Apr-17 02:01	LARGE	WLINGUN	12,824	12,825	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
16-Apr-17 16:32	LARGE	WLINGUN	12,841	12,842	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
16-Apr-17 16:31	LARGE	WLINGUN	12,853	12,854	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
16-Apr-17 16:30	LARGE	WLINGUN	12,865	12,866	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
16-Apr-17 16:29	LARGE	WLINGUN	12,877	12,878	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
16-Apr-17 16:28	LARGE	WLINGUN	12,889	12,890	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
16-Apr-17 16:27	LARGE	WLINGUN	12,901	12,902	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
16-Apr-17 16:26	LARGE	WLINGUN	12,913	12,914	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
16-Apr-17 16:25	LARGE	WLINGUN	12,925	12,926	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
16-Apr-17 16:24	LARGE	WLINGUN	12,937	12,938	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
16-Apr-17 16:23	LARGE	WLINGUN	12,948	12,949	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
16-Apr-17 16:22	LARGE	WLINGUN	12,961	12,962	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
16-Apr-17 16:21	LARGE	WLINGUN	12,973	12,974	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
16-Apr-17 00:41	LARGE	WLINGUN	12,990	12,991	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
16-Apr-17 00:40	LARGE	WLINGUN	13,002	13,003	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
16-Apr-17 00:39	LARGE	WLINGUN	13,014	13,015	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
16-Apr-17 00:38	LARGE	WLINGUN	13,026	13,027	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
16-Apr-17 00:37	LARGE	WLINGUN	13,038	13,039	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
16-Apr-17 00:36	LARGE	WLINGUN	13,050	13,051	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
16-Apr-17 00:35	LARGE	WLINGUN	13,062	13,063	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
16-Apr-17 00:34	LARGE	WLINGUN	13,074	13,075	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
16-Apr-17 00:33	LARGE	WLINGUN	13,083	13,084	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
16-Apr-17 00:32	LARGE	WLINGUN	13,098	13,099	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
16-Apr-17 00:31	LARGE	WLINGUN	13,110	13,111	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
16-Apr-17 00:30	LARGE	WLINGUN	13,122	13,123	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
15-Apr-17 18:23	LARGE	WLINGUN	13,139	13,140	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 18:22	LARGE	WLINGUN	13,151	13,152	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 18:21	LARGE	WLINGUN	13,163	13,164	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 18:20	LARGE	WLINGUN	13,175	13,176	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 18:19	LARGE	WLINGUN	13,187	13,188	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 18:18	LARGE	WLINGUN	13,199	13,200	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 18:17	LARGE	WLINGUN	13,211	13,212	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 18:16	LARGE	WLINGUN	13,223	13,224	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 18:15	LARGE	WLINGUN	13,235	13,236	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 18:14	LARGE	WLINGUN	13,247	13,248	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 18:13	LARGE	WLINGUN	13,259	13,260	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 18:12	LARGE	WLINGUN	13,271	13,272	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
15-Apr-17 09:44	LARGE	WLINGUN	13,288	13,289	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 09:43	LARGE	WLINGUN	13,300	13,301	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 09:42	LARGE	WLINGUN	13,308	13,309	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 09:41	LARGE	WLINGUN	13,324	13,325	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 09:40	LARGE	WLINGUN	13,336	13,337	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 09:39	LARGE	WLINGUN	13,348	13,349	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 09:38	LARGE	WLINGUN	13,360	13,361	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 09:37	LARGE	WLINGUN	13,372	13,373	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 09:36	LARGE	WLINGUN	13,384	13,385	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 09:35	LARGE	WLINGUN	13,396	13,397	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 09:34	LARGE	WLINGUN	13,408	13,409	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 09:33	LARGE	WLINGUN	13,420	13,421	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
15-Apr-17 03:12	LARGE	WLINGUN	13,437	13,438	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 03:11	LARGE	WLINGUN	13,451	13,452	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 03:10	LARGE	WLINGUN	13,461	13,462	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 03:09	LARGE	WLINGUN	13,473	13,474	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 03:08	LARGE	WLINGUN	13,485	13,486	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 03:07	LARGE	WLINGUN	13,497	13,498	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 03:06	LARGE	WLINGUN	13,509	13,510	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 03:05	LARGE	WLINGUN	13,521	13,522	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 03:04	LARGE	WLINGUN	13,533	13,534	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 03:03	LARGE	WLINGUN	13,545	13,546	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 03:02	LARGE	WLINGUN	13,557	13,558	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
15-Apr-17 03:01	LARGE	WLINGUN	13,569	13,570	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
14-Apr-17 20:57	LARGE	WLINGUN	13,586	13,587	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 20:56	LARGE	WLINGUN	13,598	13,599	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 20:55	LARGE	WLINGUN	13,610	13,611	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 20:54	LARGE	WLINGUN	13,622	13,623	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 20:53	LARGE	WLINGUN	13,634	13,635	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 20:52	LARGE	WLINGUN	13,646	13,647	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 20:51	LARGE	WLINGUN	13,658	13,659	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 20:50	LARGE	WLINGUN	13,670	13,671	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 20:49	LARGE	WLINGUN	13,682	13,683	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 20:48	LARGE	WLINGUN	13,694	13,695	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 20:47	LARGE	WLINGUN	13,706	13,707	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 20:46	LARGE	WLINGUN	13,716	13,717	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
14-Apr-17 14:13	LARGE	WLINGUN	13,735	13,736	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 14:12	LARGE	WLINGUN	13,747	13,748	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 14:11	LARGE	WLINGUN	13,759	13,760	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 14:10	LARGE	WLINGUN	13,771	13,772	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 14:09	LARGE	WLINGUN	13,783	13,784	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 14:08	LARGE	WLINGUN	13,795	13,796	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 14:07	LARGE	WLINGUN	13,807	13,808	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 14:06	LARGE	WLINGUN	13,819	13,820	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 14:05	LARGE	WLINGUN	13,831	13,832	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 14:04	LARGE	WLINGUN	13,843	13,844	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 14:03	LARGE	WLINGUN	13,851	13,852	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 14:02	LARGE	WLINGUN	13,867	13,868	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
14-Apr-17 04:53	LARGE	WLINGUN	13,884	13,885	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 04:52	LARGE	WLINGUN	13,896	13,897	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 04:51	LARGE	WLINGUN	13,908	13,909	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 04:50	LARGE	WLINGUN	13,920	13,921	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 04:49	LARGE	WLINGUN	13,932	13,933	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 04:48	LARGE	WLINGUN	13,942	13,943	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 04:47	LARGE	WLINGUN	13,956	13,957	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 04:46	LARGE	WLINGUN	13,968	13,969	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 04:45	LARGE	WLINGUN	13,980	13,981	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 04:44	LARGE	WLINGUN	13,994	13,995	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 04:43	LARGE	WLINGUN	14,004	14,005	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
14-Apr-17 04:42	LARGE	WLINGUN	14,016	14,017	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
13-Apr-17 21:29	LARGE	WLINGUN	14,033	14,034	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 21:28	LARGE	WLINGUN	14,045	14,046	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 21:27	LARGE	WLINGUN	14,057	14,058	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 21:26	LARGE	WLINGUN	14,069	14,070	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 21:25	LARGE	WLINGUN	14,081	14,082	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 21:24	LARGE	WLINGUN	14,093	14,094	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 21:23	LARGE	WLINGUN	14,105	14,106	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 21:22	LARGE	WLINGUN	14,117	14,118	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 21:21	LARGE	WLINGUN	14,129	14,130	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 21:20	LARGE	WLINGUN	14,141	14,142	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 21:19	LARGE	WLINGUN	14,153	14,154	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 21:18	LARGE	WLINGUN	14,165	14,166	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
13-Apr-17 13:36	LARGE	WLINGUN	14,182	14,183	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 13:35	LARGE	WLINGUN	14,194	14,195	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 13:34	LARGE	WLINGUN	14,206	14,207	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 13:33	LARGE	WLINGUN	14,218	14,219	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 13:32	LARGE	WLINGUN	14,230	14,231	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 13:31	LARGE	WLINGUN	14,242	14,243	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 13:30	LARGE	WLINGUN	14,254	14,255	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 13:29	LARGE	WLINGUN	14,266	14,267	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 13:28	LARGE	WLINGUN	14,278	14,279	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 13:27	LARGE	WLINGUN	14,290	14,291	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 13:26	LARGE	WLINGUN	14,302	14,303	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 13:25	LARGE	WLINGUN	14,314	14,315	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
13-Apr-17 07:14	LARGE	WLINGUN	14,331	14,332	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 07:13	LARGE	WLINGUN	14,343	14,345	2	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 07:12	LARGE	WLINGUN	14,355	14,356	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 07:11	LARGE	WLINGUN	14,367	14,368	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 07:10	LARGE	WLINGUN	14,379	14,380	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 07:09	LARGE	WLINGUN	14,391	14,392	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 07:08	LARGE	WLINGUN	14,403	14,404	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 07:07	LARGE	WLINGUN	14,415	14,416	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 07:06	LARGE	WLINGUN	14,427	14,428	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 07:05	LARGE	WLINGUN	14,439	14,440	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 07:04	LARGE	WLINGUN	14,451	14,452	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
13-Apr-17 07:03	LARGE	WLINGUN	14,463	14,464	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
12-Apr-17 23:43	LARGE	WLINGUN	14,480	14,481	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
12-Apr-17 23:42	LARGE	WLINGUN	14,492	14,493	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
12-Apr-17 23:41	LARGE	WLINGUN	14,504	14,505	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
12-Apr-17 23:40	LARGE	WLINGUN	14,516	14,517	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
12-Apr-17 16:33	LARGE	WLINGUN	14,528	14,529	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
12-Apr-17 16:32	LARGE	WLINGUN	14,540	14,541	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
12-Apr-17 16:31	LARGE	WLINGUN	14,552	14,553	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
12-Apr-17 16:30	LARGE	WLINGUN	14,564	14,565	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
12-Apr-17 16:29	LARGE	WLINGUN	14,576	14,577	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
12-Apr-17 16:28	LARGE	WLINGUN	14,588	14,589	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
12-Apr-17 16:27	LARGE	WLINGUN	14,600	14,601	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
12-Apr-17 16:26	LARGE	WLINGUN	14,610	14,611	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
12-Apr-17 06:19	LARGE	WLINGUN	14,629	14,630	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
12-Apr-17 06:18	LARGE	WLINGUN	14,641	14,642	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
12-Apr-17 06:17	LARGE	WLINGUN	14,653	14,654	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
12-Apr-17 06:16	LARGE	WLINGUN	14,665	14,666	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
12-Apr-17 06:15	LARGE	WLINGUN	14,677	14,678	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
12-Apr-17 06:14	LARGE	WLINGUN	14,689	14,690	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
12-Apr-17 06:13	LARGE	WLINGUN	14,701	14,702	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
12-Apr-17 06:12	LARGE	WLINGUN	14,713	14,714	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
12-Apr-17 06:11	LARGE	WLINGUN	14,725	14,726	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
12-Apr-17 06:10	LARGE	WLINGUN	14,737	14,738	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
12-Apr-17 06:09	LARGE	WLINGUN	14,749	17,450	2,701	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
12-Apr-17 06:08	LARGE	WLINGUN	14,761	14,762	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
11-Apr-17 23:34	LARGE	WLINGUN	14,778	14,779	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 23:33	LARGE	WLINGUN	14,790	14,791	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 23:32	LARGE	WLINGUN	14,800	14,801	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 23:31	LARGE	WLINGUN	14,814	14,815	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 23:30	LARGE	WLINGUN	14,826	14,827	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 23:29	LARGE	WLINGUN	14,838	14,839	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 23:28	LARGE	WLINGUN	14,853	14,854	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 23:27	LARGE	WLINGUN	14,862	14,863	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 23:26	LARGE	WLINGUN	14,874	14,875	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 23:25	LARGE	WLINGUN	14,886	14,887	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 23:24	LARGE	WLINGUN	14,898	14,899	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 23:23	LARGE	WLINGUN	14,910	14,911	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
11-Apr-17 12:02	LARGE	WLINGUN	14,927	14,928	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 12:01	LARGE	WLINGUN	14,943	14,944	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 12:00	LARGE	WLINGUN	14,951	14,952	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 11:59	LARGE	WLINGUN	14,963	14,964	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 11:58	LARGE	WLINGUN	14,975	14,976	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 11:57	LARGE	WLINGUN	14,987	14,988	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 11:56	LARGE	WLINGUN	14,999	15,000	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 11:55	LARGE	WLINGUN	15,011	15,012	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 11:54	LARGE	WLINGUN	15,023	15,024	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 11:53	LARGE	WLINGUN	15,035	15,036	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 11:52	LARGE	WLINGUN	15,047	15,048	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 11:51	LARGE	WLINGUN	15,058	15,059	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
11-Apr-17 03:27	LARGE	WLINGUN	15,079	15,080	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 03:26	LARGE	WLINGUN	15,088	15,089	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 03:25	LARGE	WLINGUN	15,100	15,101	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 03:24	LARGE	WLINGUN	15,112	15,113	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 03:23	LARGE	WLINGUN	15,124	15,125	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 03:22	LARGE	WLINGUN	15,136	15,137	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 03:21	LARGE	WLINGUN	15,148	15,149	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 03:20	LARGE	WLINGUN	15,160	15,161	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 03:19	LARGE	WLINGUN	15,172	15,173	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 03:18	LARGE	WLINGUN	15,184	15,185	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 03:17	LARGE	WLINGUN	15,196	15,197	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
11-Apr-17 03:16	LARGE	WLINGUN	15,206	15,207	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
10-Apr-17 17:42	LARGE	WLINGUN	15,225	15,226	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 17:41	LARGE	WLINGUN	15,237	15,238	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 17:40	LARGE	WLINGUN	15,249	15,250	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 17:39	LARGE	WLINGUN	15,261	15,262	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 17:38	LARGE	WLINGUN	15,273	15,274	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 17:37	LARGE	WLINGUN	15,285	15,286	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 17:36	LARGE	WLINGUN	15,297	15,298	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 17:35	LARGE	WLINGUN	15,309	15,310	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 17:34	LARGE	WLINGUN	15,321	15,322	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 17:33	LARGE	WLINGUN	15,333	15,334	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 17:32	LARGE	WLINGUN	15,344	15,345	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 17:31	LARGE	WLINGUN	15,357	15,358	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
10-Apr-17 08:16	LARGE	WLINGUN	15,374	15,375	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 08:15	LARGE	WLINGUN	15,386	15,387	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 08:14	LARGE	WLINGUN	15,398	15,399	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 08:13	LARGE	WLINGUN	15,410	15,411	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 08:12	LARGE	WLINGUN	15,422	15,423	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 08:11	LARGE	WLINGUN	15,434	15,435	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 08:10	LARGE	WLINGUN	15,446	15,447	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 08:09	LARGE	WLINGUN	15,458	15,459	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 08:08	LARGE	WLINGUN	15,470	15,471	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 08:07	LARGE	WLINGUN	15,484	15,485	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 08:06	LARGE	WLINGUN	15,494	15,495	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 08:05	LARGE	WLINGUN	15,506	15,507	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
10-Apr-17 00:13	LARGE	WLINGUN	15,523	15,524	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 00:12	LARGE	WLINGUN	15,537	15,538	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 00:11	LARGE	WLINGUN	15,551	15,552	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 00:10	LARGE	WLINGUN	15,565	15,566	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 00:09	LARGE	WLINGUN	15,579	15,580	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 00:08	LARGE	WLINGUN	15,593	15,594	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 00:07	LARGE	WLINGUN	15,607	15,608	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 00:06	LARGE	WLINGUN	15,621	15,622	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 00:05	LARGE	WLINGUN	15,635	15,636	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 00:04	LARGE	WLINGUN	15,649	15,650	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 00:03	LARGE	WLINGUN	15,663	15,664	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
10-Apr-17 00:02	LARGE	WLINGUN	15,677	15,678	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
09-Apr-17 16:59	LARGE	WLINGUN	15,696	15,697	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 16:58	LARGE	WLINGUN	15,710	15,711	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 16:57	LARGE	WLINGUN	15,720	15,721	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 16:56	LARGE	WLINGUN	15,732	15,733	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 16:55	LARGE	WLINGUN	15,744	15,745	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 16:54	LARGE	WLINGUN	15,756	15,757	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 16:53	LARGE	WLINGUN	15,768	15,769	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 16:52	LARGE	WLINGUN	15,780	15,781	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 16:51	LARGE	WLINGUN	15,792	15,793	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 16:50	LARGE	WLINGUN	15,804	15,805	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

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Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
09-Apr-17 10:56	LARGE	WLINGUN	15,821	15,822	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 10:55	LARGE	WLINGUN	15,833	15,834	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 10:54	LARGE	WLINGUN	15,846	15,847	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 10:53	LARGE	WLINGUN	15,857	15,858	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 10:52	LARGE	WLINGUN	15,869	15,870	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 10:51	LARGE	WLINGUN	15,881	15,882	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 10:50	LARGE	WLINGUN	15,893	15,894	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 10:49	LARGE	WLINGUN	15,905	15,906	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 10:48	LARGE	WLINGUN	15,917	15,918	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 10:47	LARGE	WLINGUN	15,927	15,928	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 10:46	LARGE	WLINGUN	15,941	15,942	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 10:45	LARGE	WLINGUN	15,953	15,954	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

Stage: 3 of 52

Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
09-Apr-17 04:31	LARGE	WLINGUN	15,970	15,971	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 04:30	LARGE	WLINGUN	15,982	15,983	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 04:29	LARGE	WLINGUN	15,994	15,995	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 04:28	LARGE	WLINGUN	16,006	16,007	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 04:27	LARGE	WLINGUN	16,016	16,017	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 04:26	LARGE	WLINGUN	16,030	16,031	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 04:25	LARGE	WLINGUN	16,042	16,043	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 04:24	LARGE	WLINGUN	16,054	16,055	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 04:23	LARGE	WLINGUN	16,066	16,067	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 04:22	LARGE	WLINGUN	16,078	16,079	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 04:21	LARGE	WLINGUN	16,090	16,091	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
09-Apr-17 04:20	LARGE	WLINGUN	16,102	16,103	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

Stage: 2 of 52

Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
08-Apr-17 22:14	LARGE	WLINGUN	16,119	16,120	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
08-Apr-17 22:13	LARGE	WLINGUN	16,131	16,132	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
08-Apr-17 22:12	LARGE	WLINGUN	16,143	16,144	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
08-Apr-17 22:11	LARGE	WLINGUN	16,157	16,158	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
08-Apr-17 22:10	LARGE	WLINGUN	16,167	16,168	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
08-Apr-17 22:09	LARGE	WLINGUN	16,179	16,180	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
08-Apr-17 22:08	LARGE	WLINGUN	16,191	16,192	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
08-Apr-17 22:07	LARGE	WLINGUN	16,203	16,204	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
08-Apr-17 22:06	LARGE	WLINGUN	16,215	16,216	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
08-Apr-17 22:05	LARGE	WLINGUN	16,227	16,228	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
08-Apr-17 22:04	LARGE	WLINGUN	16,239	16,240	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
08-Apr-17 22:03	LARGE	WLINGUN	16,251	16,252	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

Daily Completion Report

Well ID: 42-383-39745

Field: Impossible

SEM Operating Company, LLC

Well Name: University 9 2816WB

Sect: 28 County: Reagan State: TX

Report No: 66 **Report For 06:00 AM 27-May-17**

Perforation Information

Stage: 1 of 52

Perforation Date	Type	Method	Top (ft)	Bottom (ft)	Length (ft)	Comments
03-Apr-17 15:09	LARGE	WLINGUN	16,268	16,269	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
03-Apr-17 15:08	LARGE	WLINGUN	16,280	16,281	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
03-Apr-17 15:07	LARGE	WLINGUN	16,292	16,293	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
03-Apr-17 15:06	LARGE	WLINGUN	16,304	16,305	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
03-Apr-17 15:05	LARGE	WLINGUN	16,316	16,317	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
03-Apr-17 15:04	LARGE	WLINGUN	16,328	16,329	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
03-Apr-17 15:03	LARGE	WLINGUN	16,340	16,341	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
03-Apr-17 15:02	LARGE	WLINGUN	16,352	16,353	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
03-Apr-17 15:01	LARGE	WLINGUN	16,364	16,365	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
03-Apr-17 15:00	LARGE	WLINGUN	16,376	16,377	1	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...
02-Apr-17 15:00	LARGE	TBGGUN	16,388	16,390	2	3 1/8"; 4 SPF 90 DEG PHASED; 0.38 EHD ...

Rig Information

Equipment Problems:

Location Condition:

Transport:

Safety Information

Meetings/Drills	Time	Description
Safety	30	WORKING IN CLOSE PROXIMITY TO WSU

First Aid Treatments: **Medical Treatments:** **Lost Time Incidents:** **Days Since LTI:**

☐ **BOP Test** ☐ **Crownamatic Check**

Weather Information

Sky Condition:	CLEAR	**Visibility:**	
Air Temperature:	92 degF	**Bar. Pressure:**	
Wind Speed/Dir:	10 / N	**Wind Gusts:**	0