



PHOTOGRAPHIC LOG

Client Name: HC Drew Manual Estate "15" No.1 Neumin Production Company	Site Location: North Chopique Oil & Gas Field Calcasieu Parish, Louisiana	Project No.: 0494259
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Photo No. 1	Date: 11/16/2021
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Direction Photo Taken:

Description:
20211116_084942

Southland and Marcus logging SE-SB23 0-5'



Photo No. 2	Date: 11/16/2021
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Direction Photo Taken:
East

Description:
20211116_085117

Drill rig at SE-SB23 location





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Photo No. 3	Date: 11/16/2021
Direction Photo Taken:	
Description: 20211116_095802 Drill rig at SE-SB24 location	





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Photo No. 1	Date: 11/16/21	
Direction Photo Taken:		
Description: 20211116_085026 SE-SB23 soil core 0-5'		

Photo No. 2	Date: 11/16/21	
Direction Photo Taken:		
Description: 20211116_085523 SE-SB23 soil core 5-10'		



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Photo No. 3	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_090621 SE-SB23 soil core 10-15'	



Photo No. 4	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_091332 SE-SB23 soil core 15-20'	





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Photo No. 5	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_092759 SE-SB23 soil core 20-22.5'	



Photo No. 6	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_093405 SE-SB23 soil core 22.5-25'	





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Photo No. 7	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_094328 SE-SB23 soil core 25-27.5'	



Photo No. 8	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_095043 SE-SB23 soil core 27.5-30'	





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Photo No. 9	Date: 11/16/21	
Direction Photo Taken:		
Description: 20211116_100334 SE-SB24 soil core 0-5'		

Photo No. 10	Date: 11/16/21	
Direction Photo Taken:		
Description: 20211116_101027 SE-SB24 soil core 5-10'		



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Photo No. 11	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_101942 SE-SB24 soil core 10-15'	



Photo No. 12	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_102754 SE-SB24 soil core 15-20'	





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Photo No. 13	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_103750 SE-SB24 soil core 20-25'	



Photo No. 14	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_105752 SE-SB24 soil core 25-28'	





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Photo No. 15	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_110224 SE-SB24 soil core 28-30'	



Photo No. 16	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_111558 Drilling location SE-SB25	





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Photo No. 17	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_112036 SE-SB25 soil core 0-5'	



Photo No. 18	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_112605 SE-SB25 soil core 5-10'	





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Photo No. 19	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_114307 SE-SB26 soil core 0-5'	



Photo No. 20	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_115132 SE-SB26 soil core 5-10'	





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Photo No. 21	Date: 11/16/21	
Direction Photo Taken:		
Description: 20211116_130144 SE-SB27 drill location		

Photo No. 22	Date: 11/16/21	
Direction Photo Taken:		
Description: 20211116_130747 SE-SB27 soil core 0-5'		



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Photo No. 23	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_132403 SE-SB27 soil core 5-10'	



Photo No. 24	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_134700 SE-SB27 soil core 10-15'	





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Photo No. 25	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_135909 SE-SB27 soil core 15-20'	



Photo No. 26	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_140835 SE-SB27 soil core 20-22.5'	





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Client Name: HC Drew Manual Estate "15" No. 1 Neumin Production Company	Site Location: North Chopique Oil & Gas Field Calcasieu Parish, Louisiana	Project No.: 0494259
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Photo No. 27	Date: 11/16/21	
Direction Photo Taken:		
Description: 20211116_141424 SE-SB27 soil core 22.5-25'		

Photo No. 28	Date: 11/16/21	
Direction Photo Taken:		
Description: 20211116_142920 SE-SB27 soil core 25-27.5'		



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Client Name: HC Drew Manual Estate "15" No. 1 Neumin Production Company	Site Location: North Chopique Oil & Gas Field Calcasieu Parish, Louisiana	Project No.: 0494259
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Photo No. 29	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_143625 SE-SB27 soil core 27.5-30'	



Photo No. 30	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_145348 SE-SB27 soil core 30-32.5'	





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Photo No. 31	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_145836 SE-SB27 soil core 32.5-35'	



Photo No. 32	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_152052 SE-SB28 drilling location	





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Client Name: HC Drew Manual Estate "15" No. 1 Neumin Production Company	Site Location: North Chopique Oil & Gas Field Calcasieu Parish, Louisiana	Project No.: 0494259
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Photo No. 33	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_153534 SE-SB28 soil core 0-5'	



Photo No. 34	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_154136 SE-SB28 soil core 5-10'	





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Photo No. 35	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_154859 SE-SB28 soil core 10-15'	



Photo No. 36	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_155700 SE-SB28 soil core 15-20'	





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Photo No. 37	Date: 11/16/21
Direction Photo Taken:	
Description: 20211116_161030 SE-SB28 soil core 22.5-25'	



Photo No. 38	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_083323 SE-SB29 soil core 0-5'	





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Photo No. 39	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_084050 SE-SB29 soil core 5-10'	



Photo No. 40	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_084406 SE-SB29 soil core 5-10'	





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Photo No. 41	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_085124 SE-SB29 soil core 10-15'	



Photo No. 42	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_090019 SE-SB29 soil core 15-20'	





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Client Name: HC Drew Manual Estate "15" No. 1 Neumin Production Company	Site Location: North Chopique Oil & Gas Field Calcasieu Parish, Louisiana	Project No.: 0494259
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Photo No. 43	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_090819 SE-SB29 soil core 20-22.5'	



Photo No. 44	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_091735 SE-SB29 soil core 22.5-25'	





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Client Name: HC Drew Manual Estate "15" No. 1 Neumin Production Company	Site Location: North Chopique Oil & Gas Field Calcasieu Parish, Louisiana	Project No.: 0494259
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Photo No. 45	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_093228 SE-SB29 soil core 25-27.5'	



Photo No. 46	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_095431 SE-SB30 drilling location	





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Photo No. 47	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_095755 SE-SB30 soil core 0-5'	



Photo No. 48	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_100537 SE-SB30 soil core 5-10'	





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Photo No. 49	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_101616 SE-SB30 soil core 10-15'	



Photo No. 50	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_102319 SE-SB30 soil core 15-17'	





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Photo No. 51	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_102915 SE-SB30 soil core 17-20'	



Photo No. 52	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_103544 SE-SB30 soil core 20-23'	





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Client Name: HC Drew Manual Estate "15" No. 1 Neumin Production Company	Site Location: North Chopique Oil & Gas Field Calcasieu Parish, Louisiana	Project No.: 0494259
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Photo No. 53	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_104538 SE-SB30 soil core 23-25'	



Photo No. 54	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_110128 SE-SB31 drilling location	





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Photo No. 55	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_110839 SE-SB31 soil core 0-5'	



Photo No. 56	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_111749 SE-SB31 soil core 5-10'	





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Photo No. 57	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_113332 SE-SB31 soil core 10-15'	



Photo No. 58	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_114223 SE-SB31 soil core 15-20'	





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Photo No. 59	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_131540 SE-SB32 drilling location	



Photo No. 60	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_134004 SE-SB32 soil core 0-5'	





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Client Name: HC Drew Manual Estate "15" No. 1 Neumin Production Company	Site Location: North Chopique Oil & Gas Field Calcasieu Parish, Louisiana	Project No.: 0494259
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Photo No. 61	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_134729 SE-SB32 soil core 5-10'	



Photo No. 62	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_135301 SE-SB32 soil core 10-15'	





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Photo No. 63	Date: 11/17/21	
Direction Photo Taken:		
Description: 20211117_135924 SE-SB32 soil core 15-20'		

Photo No. 64	Date: 11/17/21	
Direction Photo Taken:		
Description: 20211117_140649 SE-SB33 drilling location		



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Photo No. 65	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_142659 SE-SB33 soil core 0-5'	



Photo No. 66	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_143549 SE-SB33 soil core 5-10'	





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Client Name: HC Drew Manual Estate "15" No. 1 Neumin Production Company	Site Location: North Chopique Oil & Gas Field Calcasieu Parish, Louisiana	Project No.: 0494259
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Photo No. 67	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_144040 SE-SB33 soil core 10-15'	



Photo No. 68	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_144645 SE-SB33 soil core 15-20'	





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Client Name: HC Drew Manual Estate "15" No. 1 Neumin Production Company	Site Location: North Chopique Oil & Gas Field Calcasieu Parish, Louisiana	Project No.: 0494259
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Photo No. 69	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_151506 SE-SB34 drilling location	



Photo No. 70	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_154819 SE-SB34 soil core 0-5'	





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Photo No. 71	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_155317 SE-SB34 soil core 5-10'	



Photo No. 72	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_155959 SE-SB34 soil core 10-15'	





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Photo No. 73	Date: 11/17/21
Direction Photo Taken:	
Description: 20211117_160612 SE-SB34 soil core 15-20'	



Photo No. 74	Date: 11/18/21
Direction Photo Taken:	
Description: 20211118_084912 SE-SB35 drilling location	





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Photo No. 75	Date: 11/18/21
Direction Photo Taken:	
Description: 20211118_090609 SE-SB35 soil core 0-5'	



Photo No. 76	Date: 11/18/21
Direction Photo Taken:	
Description: 20211118_091154 SE-SB35 soil core 5-10'	





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Photo No. 77	Date: 11/18/21
Direction Photo Taken:	
Description: 20211118_092726 SE-SB35 soil core 10-15'	



Photo No. 78	Date: 11/18/21
Direction Photo Taken:	
Description: 20211118_094220 SE-SB35 soil core 15-20'	





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Photo No. 79	Date: 11/18/21	
Direction Photo Taken:		
Description: 20211118_103936 SE-SB36 soil core 0-5'		

Photo No. 80	Date: 11/18/21	
Direction Photo Taken:		
Description: 20211118_104459 SE-SB36 soil core 5-10'		



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Photo No. 81	Date: 11/18/21
Direction Photo Taken:	
Description: 20211118_105139 SE-SB36 soil core 10-15'	



Photo No. 82	Date: 11/18/21
Direction Photo Taken:	
Description: 20211118_105619 SE-SB36 soil core 15-20'	

