

1738 Wynkoop St. Ste. 102
Denver Colorado 80202
Phone 303-296-3010
Fax 303-296-6143
E-mail henry@lawwestoffice.net

LOCATION 4212

FOREMAN Rick Rothwell
Pete, owner

DATE	WTR NAME	SERIES	TWR	DIR	CORRECTION	REMARKS
11/27/12	Guar. No. 24 2011	30	2.4	67W	Weld	

UNITED TO: <u>8166-108</u>	WATER
ARMY AIR ADDRESS	OPERATION <u>8166-108</u>
UNIT	CONTINGENT <u>8166-108</u>
STATE ZIP CODE	CONTINGENT TO LOCATION
TIME APPROVED FOR LOCATION <u>11:00am</u>	TIME LEFT LOCATION <u>4:00am</u>

WELL DATA				PRESSURE LIMITATIONS			
WELL SIZE 11 7/8	THROAT SIZE	PERFORATIONS		THEORETICAL		INSTRUCTED	
WELL DEPTH 11,500	THROAT DEPTH	SHOES SET	SURFACE FRT. ADJUSTING LONG				
PROD 104.4	THROAT WEIGHT	OPEN HOLE	STROKES				
LASTING SIZE 9 3/8	LASTING CONDITIONS		ROBING				
CASING DEPTH 11,39		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE		
CASING WEIGHT 46 LB	FAKLER DEPTH		1 SURFACE PER		REFORMER RATE		
CASING CONDITION Good			1 PERFORATION CASING		ROTARY RPM		
			1 SOLUBLE ELEMENT		TANK RPM		
			1 FLOW BREAKDOWN		MINIMUM RPM		
			1 FLOW STIMULATING		MAXIMUM RPM		
			1 FLOW STOPPING		AVERAGE RPM		
			1 MISC. PUMP				
			1 OTHER		INSTRUC. RATE & PRESSURE & AT		
PRESSURE SUMMARY							
HEADDOWN @ CIRCULATING 15	ANALYST	psi					
FINAL DISPLACEMENT 15	GP	psi					
ADDITION 15	5 MILE GP	psi					
MAXIMUM 15	15 MILE GP	psi					
MINIMUM 15							

350g's wet at 23°C Excess at 122 yield at 15.2 lbs Release Phg. Disp. 82.9 100% 1120. Bump Phg.
At 150 phage C.D. Bi. went from Release Poi. to 100% up Poi. Done.

divided w/ 600 sls earned 9 mil for 1600 Vpe

FOR SUMMARY

DESCRIPTION OF JOB EVENTS

Job	Start	Stop	Time	Remarks
Job 1	3:00 pm	3:15 pm	15 min	used 23% Express
Job 2	3:15 pm	3:30 pm	15 min	used 35% Express
Job 3	3:30 pm	3:45 pm	15 min	74.1 Bobs slurry
Job 4	3:45 pm	4:00 pm	15 min	
Job 5	4:00 pm	4:15 pm	15 min	
Job 6	4:15 pm	4:30 pm	15 min	
Job 7	4:30 pm	4:45 pm	15 min	
Job 8	4:45 pm	5:00 pm	15 min	
Job 9	5:00 pm	5:15 pm	15 min	
Job 10	5:15 pm	5:30 pm	15 min	
Job 11	5:30 pm	5:45 pm	15 min	
Job 12	5:45 pm	6:00 pm	15 min	
Job 13	6:00 pm	6:15 pm	15 min	
Job 14	6:15 pm	6:30 pm	15 min	
Job 15	6:30 pm	6:45 pm	15 min	
Job 16	6:45 pm	7:00 pm	15 min	
Job 17	7:00 pm	7:15 pm	15 min	
Job 18	7:15 pm	7:30 pm	15 min	
Job 19	7:30 pm	7:45 pm	15 min	
Job 20	7:45 pm	8:00 pm	15 min	
Job 21	8:00 pm	8:15 pm	15 min	
Job 22	8:15 pm	8:30 pm	15 min	
Job 23	8:30 pm	8:45 pm	15 min	
Job 24	8:45 pm	9:00 pm	15 min	
Job 25	9:00 pm	9:15 pm	15 min	
Job 26	9:15 pm	9:30 pm	15 min	
Job 27	9:30 pm	9:45 pm	15 min	
Job 28	9:45 pm	10:00 pm	15 min	
Job 29	10:00 pm	10:15 pm	15 min	
Job 30	10:15 pm	10:30 pm	15 min	
Job 31	10:30 pm	10:45 pm	15 min	
Job 32	10:45 pm	11:00 pm	15 min	
Job 33	11:00 pm	11:15 pm	15 min	
Job 34	11:15 pm	11:30 pm	15 min	
Job 35	11:30 pm	11:45 pm	15 min	
Job 36	11:45 pm	12:00 pm	15 min	
Job 37	12:00 pm	12:15 pm	15 min	
Job 38	12:15 pm	12:30 pm	15 min	
Job 39	12:30 pm	12:45 pm	15 min	
Job 40	12:45 pm	1:00 pm	15 min	
Job 41	1:00 pm	1:15 pm	15 min	
Job 42	1:15 pm	1:30 pm	15 min	
Job 43	1:30 pm	1:45 pm	15 min	
Job 44	1:45 pm	2:00 pm	15 min	
Job 45	2:00 pm	2:15 pm	15 min	
Job 46	2:15 pm	2:30 pm	15 min	
Job 47	2:30 pm	2:45 pm	15 min	
Job 48	2:45 pm	3:00 pm	15 min	
Job 49	3:00 pm	3:15 pm	15 min	
Job 50	3:15 pm	3:30 pm	15 min	
Job 51	3:30 pm	3:45 pm	15 min	
Job 52	3:45 pm	4:00 pm	15 min	
Job 53	4:00 pm	4:15 pm	15 min	
Job 54	4:15 pm	4:30 pm	15 min	
Job 55	4:30 pm	4:45 pm	15 min	
Job 56	4:45 pm	5:00 pm	15 min	
Job 57	5:00 pm	5:15 pm	15 min	
Job 58	5:15 pm	5:30 pm	15 min	
Job 59	5:30 pm	5:45 pm	15 min	
Job 60	5:45 pm	6:00 pm	15 min	
Job 61	6:00 pm	6:15 pm	15 min	
Job 62	6:15 pm	6:30 pm	15 min	
Job 63	6:30 pm	6:45 pm	15 min	
Job 64	6:45 pm	7:00 pm	15 min	
Job 65	7:00 pm	7:15 pm	15 min	
Job 66	7:15 pm	7:30 pm	15 min	
Job 67	7:30 pm	7:45 pm	15 min	
Job 68	7:45 pm	8:00 pm	15 min	
Job 69	8:00 pm	8:15 pm	15 min	
Job 70	8:15 pm	8:30 pm	15 min	
Job 71	8:30 pm	8:45 pm	15 min	
Job 72	8:45 pm	9:00 pm	15 min	
Job 73	9:00 pm	9:15 pm	15 min	
Job 74	9:15 pm	9:30 pm	15 min	
Job 75	9:30 pm	9:45 pm	15 min	
Job 76	9:45 pm	10:00 pm	15 min	
Job 77	10:00 pm	10:15 pm	15 min	
Job 78	10:15 pm	10:30 pm	15 min	
Job 79	10:30 pm	10:45 pm	15 min	
Job 80	10:45 pm	11:00 pm	15 min	
Job 81	11:00 pm	11:15 pm	15 min	
Job 82	11:15 pm	11:30 pm	15 min	
Job 83	11:30 pm	11:45 pm	15 min	
Job 84	11:45 pm	12:00 pm	15 min	
Job 85	12:00 pm	12:15 pm	15 min	
Job 86	12:15 pm	12:30 pm	15 min	
Job 87	12:30 pm	12:45 pm	15 min	
Job 88	12:45 pm	1:00 pm	15 min	
Job 89	1:00 pm			

LEONORE CLARK
AUTHORIZATION TO PROCEED

DS in

1111

1123-18

DATE _____

Customer hereby acknowledges and specifically agrees to the terms and conditions on this order, including, without limitation, the provisions on the reverse side hereof which include the release and indemnification provisions.