

FORMATION	TOP	BOTTOM	REMARKS
No Formation Logged		101	
Red bed	101	385	
Red bed and shale	385	407	
			<u>Set 13-3/8" OD casing @ 407 w/400 sax.</u> <u>Circ. 3 sax.</u>
			Tested 13-3/8" OD w/1000# 30 min. no break before or after.
Red bed	407	500	
Red bed and shale	500	1020	
Red bed	1020	1612	1° @ 1100, 1° @ 1200, 1° @ 1380
Red bed and shale	1612	1672	1° @ 1672
Red bed and shells	1672	2005	3/4° @ 1780, 3/4° @ 1900
Red bed, shells and anhydrite	2005	2200	
Anhydrite	2200	2250	
Anhydrite and red bed	2250	2260	
Anhydrite and salt	2260	2415	
Red bed and shale	2415	2535	1/4° @ 2450, 1/4° @ 2700
Salt and anhydrite	2535	2720	St. @ 2800
Shale, lime and shells	2720	2850	
Salt and shale	2850	2920	
Salt and lime shells	2920	3090	St. @ 3000
Shale, lime and shells	3090	3280	1/2° @ 3190
Shale and shells	3280	3405	
Shale and anhydrite	3405	3525	
Shale, lime and shells	3525	3990	
Anhydrite and shells	3990	3690	
Anhydrite	3690	3818	1/2° @ 3660
Anhydrite and shale	3818	3900	
Anhydrite	3900	3975	
Anhydrite and lime	3975	4042	1/2° @ 4030
Anhydrite and shale	4042	4080	1/4° @ 4150
			<u>SIG 4080 = 4130</u>
Lime	4130	4191	
Lime and gyp	4191	4220	
Lime	4220	4222	
			<u>SIG 4300 = 4210</u>
Lime and anhydrite	4222	4250	
Lime	4250	4295	
Lime and anhydrite	4295	4320	
Lime	4320	4337	
Lime and iron	4337	4343	
Lime	4343	4383	
Halliburton ran calipers	375	4383	
			<u>Set 8-5/8" OD casing @ 4383 w/2400 sax</u> <u>65 gal. 640 sax wallite. and 150 sax</u> <u>meat. Circ. 80 sax.</u>
			Tested 8-5/8" OD w/1000# 30 min. no break before or after.
Lime	4383	4573	
Lime and sand	4573	4690	
Lime	4690	4688	
Lime and sand	4688	4736	
Sandy lime	4736	4815	
Lime and sand	4815	4878	1/4° @ 4860
Lime and sandy shale	4878	5003	

1. The first part of the paper is devoted to a general discussion of the problem.

2. The second part is devoted to a detailed study of the case of a single particle.

3. The third part is devoted to a study of the case of a system of particles.

4. The fourth part is devoted to a study of the case of a system of particles.

5. The fifth part is devoted to a study of the case of a system of particles.

6. The sixth part is devoted to a study of the case of a system of particles.

7. The seventh part is devoted to a study of the case of a system of particles.

8. The eighth part is devoted to a study of the case of a system of particles.

9. The ninth part is devoted to a study of the case of a system of particles.

10. The tenth part is devoted to a study of the case of a system of particles.

11. The eleventh part is devoted to a study of the case of a system of particles.

12. The twelfth part is devoted to a study of the case of a system of particles.

13. The thirteenth part is devoted to a study of the case of a system of particles.

14. The fourteenth part is devoted to a study of the case of a system of particles.

15. The fifteenth part is devoted to a study of the case of a system of particles.

16. The sixteenth part is devoted to a study of the case of a system of particles.

17. The seventeenth part is devoted to a study of the case of a system of particles.

18. The eighteenth part is devoted to a study of the case of a system of particles.

19. The nineteenth part is devoted to a study of the case of a system of particles.

20. The twentieth part is devoted to a study of the case of a system of particles.

21. The twenty-first part is devoted to a study of the case of a system of particles.

22. The twenty-second part is devoted to a study of the case of a system of particles.