

JICARILLA "B" NO. 9

1. The Geologic name of the surface formation is, "Wasatch".
2. The estimated tops of important Geologic markers are:
 - A. Base of Ojo Alamo - 3262 DF
 - B. Pictured Cliff - 3534 DF
 - C. Mesa Verde - 5198 DF
3. The estimated depths at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are:
 - A. Base of Ojo Alamo - 3262 DF - Water
 - B. Pictured Cliff - 3534 DF - Gas
 - C. Mesa Verde - 5198 DF - Gas
4. The casing program is shown on Form No. 9-331C and all casing is new.
5. The lessee's pressure control equipment schematics are attached along with minimum specifications, testing procedures and frequencies.
6. The type, estimated volumes and characteristics of the circulating medium are as follows:
 - A. From 0 feet to 250 feet - Natural mud.
 - B. From 250 feet to 6050 feet - Formoloid non dispersed mud containing 180 sacks of Gel, 75 sacks of Formoloid, 12 sacks of C.M.G., 1 R.D. 111, 6 sacks of soda ash and 15 sacks of Caustic. Mud weight will be maintained between 8.2# and 8.8#.
7. The auxiliary equipment to be used will be floater at the bit and a sub with a full opening valve on the floor to be stabbed into the drill pipe when the Kelly is not in the string.
8. This well is in an area which is almost completely developed; therefore, we will not have a testing and curing program. The logging program will be as follows:
 - A. E. S. Induction
 - B. Gamma Ray Density
 - C. Gamma Ray Correlation
 - D. Cement Bond or Temperature
9. There is no anticipated abnormal pressures, temperatures or hydrogen sulfide problems expected in this highly developed area.
10. The anticipated starting date for this well is December 15, 1977.

1. Introduction

2. Theoretical background and research objectives

3. Methodology and data collection

4. Results and discussion

5. Conclusion

6. References

7. Appendix A: Data collection instrument

8. Appendix B: Statistical analysis

9. Appendix C: Interview schedule

10. Appendix D: Interview questions

11. Appendix E: Interview schedule

12. Appendix F: Interview questions

13. Appendix G: Interview schedule

14. Appendix H: Interview questions

15. Appendix I: Interview schedule

16. Appendix J: Interview questions

17. Appendix K: Interview schedule

18. Appendix L: Interview questions

19. Appendix M: Interview schedule

20. Appendix N: Interview questions

21. Appendix O: Interview schedule

22. Appendix P: Interview questions

23. Appendix Q: Interview schedule

24. Appendix R: Interview questions

25. Appendix S: Interview schedule

26. Appendix T: Interview questions