

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

SF-080511

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Harrington #9

9. API WELL NO.

30-039-25503

10. FIELD AND POOL, OR WILDCAT
Otero Cha-Blanco MV-
Largo Gai-Basin DK

11. SEC. T. R. M. OR BLOCK AND SURVEY
OR AREA

Sec. 31, T-27-N, R-7-W

12. COUNTY OR
PARISH

13. STATE

Rio Arriba NM

14. DATE SPUNDED

15. DATE T.D. REACHED

16. DATE COMPL. (Ready to prod.)

17. ELEVATIONS (DF, RKB, ST, GR, ETC.)*

18. ELEV. CASINGHEAD

19. TOTAL DEPTH, MD & TVD

20. PLUG, BACK T.D., MD & TVD

21. IF MULTIPLE COMPL.,
HOW MANY*

22. INTERVALS
DRILLED BY

23. ROTARY TOOLS

24. CABLE TOOLS

25. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

26. WAS DIRECTIONAL
SURVEY MADE

27. TYPE ELECTRIC AND OTHER LOGS RUN

28. AIT-ML-SP-GR, IPL APS-LDS-GR; DSI; Numar

29. WAS WELL CORRED

Yes

30. CARING RECORD (Report all strings set in well)

31. CARING SIZE/GRADE

32. WEIGHT, LB./FT.

33. DEPTH SET (MD)

34. HOLE SIZE

35. TOP OF CEMENT, CEMENTING RECORD

36. AMOUNT PULLED

37. LINER RECORD

38. TUBING RECORD

39. PERFORATION RECORD (Interval, size and number)

40. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

41. DEPTH INTERVAL (MD)

42. AMOUNT AND KIND OF MATERIAL USED

43. DATE FIRST PRODUCTION

44. PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

45. WELL STATUS (Producing or shut-in)

46. DATE OF TEST

47. HOURS TESTED

48. CHOKER SIZE

49. PROD'N. FOR
TEST PERIOD

50. OIL—BSL.

51. GAS—MCF.

52. WATER—BSL.

53. GAS-OIL RATIO

54. FLOW, TUBING PRESS.

55. CASING PRESSURE

56. CALCULATED
24-HOUR RATE

57. WATER—BSL.

58. OIL GRAVITY-API (CORR.)

59. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

60. TEST WITNESSED BY

61. LIST OF ATTACHMENTS

62. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

63. SIGNED

64. TITLE

65. DATE

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations, or to any matter within the jurisdiction of any such department or agency.

NMOCD

FARMINGTON DISTRICT OFFICE

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, test, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH

38. GEOLOGIC MARKERS

Ojo Alamo	1316'	1532'	White, cr-gr ss.	Ojo Alamo	1316'	
Kirtland	1532'	1903'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1532'	
Fruitland	1903'	2178'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1903'	
Pictured Cliffs	2178'	2287'	Bn-Gry, fine grn, tight ss.	Pic. Cliffs	2178'	
Huerfanito Bentonite*	2659'	3084'	White, waxy chalky bentonite	Huerfanito Bent.	2659'	
Chacra	3084'	3892'	Gry fn grn silty, glauconitic sd stone w/dk gry shale	Chacra	3084'	
Cliff House	3892'	3913'	ss. Gry, fine-grn, dense sil ss.	Cliff House	3892'	
Menefee	3913'	4483'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3913'	
Point Lookout	4483'	4833'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Pt. Lookout	4483'	
Mancos	4833'	5612'	Dark gry carb sh.	Mancos	4833'	
Gallup	5612'	6097'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	5612'	
Greenhorn	6422'	6482'	Highly calc gry sh w/thin lmst.	Greenhorn	6422'	
Graneros	6482'	6592'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	6482'	
Dakota	6592'	6867'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	6592'	
				Morrison	6867'	

CORE #1: 2046-2076, cut 30', rec 30'
CORE #2: 2137-2167, cut 30', rec 7'

*Huerfanito Bentonite is the legal top of Mesa Verde in New Mexico (North of the Chacra line)