

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other In-
structions on
reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

NMSF-078146A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME/

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

HORTON

9. WELL NO.

4C

10. FIELD AND POOL, OR WILDCAT

BLANCO MESA VERDE

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

Sec. 27, T32N - R12W

14. PERMIT NO.

30-045-31778

DATE ISSUED

8/22/2003

12. COUNTY OR
PARISH

SAN JUAN

13. STATE

NM

15. DATE SPUDDED

9/16/2003

16. DATE T.D. REACHED

9/26/2003

17. DATE COMPL. (Ready to prod.)

10/15/2003

18. ELEVATIONS (OF, RKB, RT, GR, ETC.)*

GL 6120', KB 6132'

19. ELEV. CASINGHEAD

6120'

20. TOTAL DEPTH, MD & TVD

5400' MD

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

5230'

22. IF MULTIPLE COMPL.,
HOW MANY*

23. INTERVALS
DRILLED BY

ROTARY TOOLS

0 - TD

CABLE TOOLS

N/A

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD & TVD)*

5120' - 4586' Mesaverde

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

RST, GR, CCL, CBL

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8" K-55	36#	290'	12 1/4"	Cmt w/ Howco 135 sx STD, 2% CA/CL & 1/4# flocele	
7" J-55	23#	2948'	8 3/4"	Cmt w/ 65 sx SJ FLY ASH, 4% Gel .1% Halad9 & 15# FE-2	
				mix 260 sx STD Class B, 3% Econolite & 10# Gilsontite 1/2# Flocele	
				Tailed w/ 165 sx 50/50 Poz, 2% Gel, 5# Gilsontite, 1/4# Flocele .01% CFR-3 & CACI	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2" K-55	Surface	5395'	228 sx		2 3/8"	4899'	

31. PERFORATION RECORD (Interval, size and number)

5120' - 4586' 0.32" 34 spf

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

5120' - 4586' 41,017 gal foamed slickwater
881.1 mscf N2, 148,218 lb 2/40 Brady Sand.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)	WELL STATUS (Producing or shut-in)
10/29/2003	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS-OIL RATIO
10/29/2003	24	open		0	814	0	N/A

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)
520	520		0	814	0	N/A

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

Sold

ACCEPTED FOR RECORD
Kirby Sanchez

35. LIST OF ATTACHMENTS

DEC 3 2003

NMOC

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

SIGNED

[Signature]

TITLE Sr. Engineering Analyst

FARMINGTON FIELD OFFICE
DATE 11/14/2003

* (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 State any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):					38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		NAME	MEAS. DEPTH	TRUE VERT. DEPTH
					Nacimiento Fm.	Surface	
					Ojo Alamo Ss.	590'	
					Kirtland sh.	670'	
					Fruitland	2105'	
					pictured cliffs Ss.	2482'	
					Lewis Sh.	2766'	
					Cliff House Ss.	4180'	
					Menefee Fm.	4419'	
					Point Lookout Ss.	4874'	
					Mancos Sh.	N/A	