

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE*
(See other instructions on reverse side)FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 19915. LEASE DESIGNATION AND SERIAL NO.
NO-G-0654-1134

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

37. UNIT AGREEMENT NAME
Huerfano Unit

8. FARM OR LEASE NAME, WELL NO.

Huerfano Unit 78M

9. API WELL NO.

30-045-28971

10. FIELD AND POOL, OR WILDCAT

Basin DK/Basin FC

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

Sec 36, T-27-N, R-9-W

12. COUNTY OR
PARISH
San Juan13. STATE
New Mexico

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

6161' GR

19. ELEV. CASINGHEAD

23. INTERVALS
DRILLED BY

yes

25. WAS DIRECTIONAL
SURVEY MADE
No27. WAS WELL CORED
No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24.0#	216'	12 1/4"	189 cu ft	
4 1/2"	11.6#	6676"	7 7/8"	2119 cu ft	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	2019'	

30. TUBING RECORD

PERFORATION RECORD (Interval, size and number)	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
1807, 24, 28, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 1966, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96 1 SPF, .32 Dia 30 Total Shots	
	DEPTH INTERVAL (MD)
	1807-1996
	AMOUNT AND KIND OF MATERIAL USED
	601 BBLs 70 Quality Foam, 25# Linear Gel, 100,000 20/40 Brady Sand, 15,500 SCF N2

33. PRODUCTION

	WELL STATUS (Producing or shut-in)	
	SI	
WATER-BBL		GAS-OIL RATIO
BL	OIL GRAVITY-API (CORR.)	

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

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

None

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

ACCEPTED FOR RECORD

10/03 JAN 21 2004

FARMINGTON FIELD OFFICE

BY

*(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 as to any matter within its jurisdiction.

NMOCD

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Ojo Alamo	1125'	1275'	White, cr-gr ss.
Kirtland	1275'	1702'	Gry sh interbedded w/tight, gry, fine-gr ss.
Fruitland	1702'	1997'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.
Pictured Cliffs	1997'	2464'	Bn-Gry, fine grn, tight ss.
Huerfanito Bentonite*	2464'	2893'	White, waxy chalky bentonite
Chacra	2893'	3580'	Gry fn grn silty, glauconitic sd stone w/drak gry shale
Cliff House	3580'	3660'	ss. Gry, fine-grn, dense sil ss.
Menefee	3660'	4312'	Med-dark gry, fine gr ss, carb sh & coal
Point Lookout	4312'	4630'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation
Mancos	4630'	5445'	Dark gry carb sh.
Gallup	5445'	6273'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh
Greenhorn	6273'	6329'	Highly calc gry sh w/thin lmst.
Graneros	6329'	6426'	Dk gry shale, fossil & carb w/pyrite incl.
Dakota	6426'	6676'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1125'	
Kirtland	1275'	
Fruitland	1702'	
Pic.Cliffs	1997'	
Huerfanito Bent.	2464'	
Chacra	2893'	
Cliff House	3580'	
Menefee	3660'	
Pt.Lookout	4312'	
Mancos	4630'	
Gallup	5445'	
Greenhorn	6273'	
Graneros	6329'	
Dakota	6426'	

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