

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137

Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

SF-079004

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NMM-112620-DK

7. UNIT AGREEMENT NAME

San Juan 32-8 Unit

8. FARM OR LEASE NAME, WELL NO.

21C

9. API WELL NO.

30-045-35084 - 00C1

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

RCVD SEP 28 '10

Sec. 15, T31N, R8W

OIL CONS. DIV.
DIST. 3

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

14. ELEVATIONS (DF, RKB, RT, BR, ETC.)

GL 6518' KB 6533'

15. DATE SPUDDED

04/29/2010

16. DATE T.D. REACHED

05/08/2010

17. DATE COMPL. (Ready to prod.)

08/12/2010

20. TOTAL DEPTH, MD & TVD

MD 8298' TVD 8061'

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

MD 8295' TVD 8058'

22. IF MULTIPLE COMPL., HOW MANY*

2

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

yes

25. WAS DIRECTIONAL SURVEY MADE

YES

27. 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
9 5/8" / H-40	32.3#	232'	12 1/4"	Surface, 105sx(162cf-29bbbls)	2 bbbls
7" / J-55	23#	3856'	8 3/4"	Surface, ST@3082'	
4 1/2" / L-80	11.6#	8297'	6 1/4"	521sx(1075cf-190bbbls)	40 bbbls
				TOC@1750', 325sx(654cf-116bbbls)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8", 4.7#, L-80	8182'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

Dakota w/ .34" diam.
2SPF @ 8212' - 8182' = 32 Holes
1SPF @ 8178' - 8150' = 13 Holes

Dakota Total Holes = 45 ✓

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

8150' - 8212' Acidize w/ 10bbbls 15% HCL. Frac w/ 90,706gals 70% SlickWater w/ 28,339# of 20/40 SLC

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)					WELL STATUS (Producing or shut-in)	
N/A		FLOWING ✓					SI ✓	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL	GAS--MCF	WATER--BBL		GAS-OIL RATIO
08/12/2010 ✓	1 hr.	1/2"	→	0	26 mcf/h	trace		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL	GAS--MCF		WATER--BBL		OIL GRAVITY-API (CORR.)
SI - 615psi	SI - 750psi	→	0	615 mcf/d ✓		4 bwpd ✓		

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

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

This is going to be a Basin Dakota/Bianco Mesa Verde well being DHC per order # 3338AZ

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

SIGNED Crystal Tapia TITLE

Staff Regulatory Technicain

DATE 9/13/2010

*(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 of agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

ACCEPTED FOR RECORD

SEP 24 2010

FARMINGTON FIELD OFFICE
BY J. L. Sellers

API # 30-045-35084	San Juan 32-8 Unit 21C				
Ojo Alamo	2346'	2464'	White, cr-gr ss.	Ojo Alamo	2346'
Kirtland	2464'	3343'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2464'
Fruitland	3343'	3649'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3343'
Pictured Cliffs	3649'	3760'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3649'
Lewis	3760'	4428'	Shale w/siltstone stringers	Lewis	3760'
Huerfanito Bentonite	4428'	4814'	White, waxy chalky bentonite	Huerfanito Bent.	4428'
Chacra	4814'	5272'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	4814'
Mesa Verde	5272'	5642'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5272'
Menefee	5642'	5954'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5642'
Point Lookout	5954'	6305'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5954'
Mancos	6305'	7243'	Dark gry carb sh.	Mancos	6305'
Gallup	7243'	7991'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	7243'
Greenhorn	7991'	8043'	Highly calc gry sh w/thin lmst.	Greenhorn	7991'
Graneros	8043'	8149'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	8043'
Dakota	8149'	8298'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	8149'
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	

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SF-079004

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UNIT AGREEMENT NAME
NMNM-78424A-MV
San Juan 32-8 Unit

8. FARM OR LEASE NAME, WELL NO.

21C

9. API WELL NO.

30-045-35084 - 0002

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

RCVD SEP 28 '10

Sec. 15, T31N, R8W

OIL CONS. DIV.

DIST. 3

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

19. ELEV. CASINGHEAD

GL 6518' KB 6533'

23. INTERVALS DRILLED BY

yes

25. WAS DIRECTIONAL SURVEY MADE

YES

27. 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
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					2 3/8", 4.7#, L-80	8182'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

Point Lookout / Lower Menefee w/ .34" diam.
1SPF @ 6300' - 5885' = 23 Holes
Upper Menefee/Cliffhouse w/ .34" diam.
1SPF @ 5810' - 5274' = 25 Holes

Mesaverde Total Holes = 48 ✓

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

6300' - 5885'	Frac w/ 129,696gals 70% SlickWater w/ 106,623# of 20/40 Arizona Sand. N2:1,270,700SCF
5810' - 5274'	Frac w/ 108,528gals 70% SlickWater w/ 100,260# of 20/40 Arizona Sand. N2:1,108,000SCF

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)					WELL STATUS (Producing or shut-in)	
N/A		FLOWING ✓					SI ✓	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL	GAS--MCF	WATER--BBL		GAS-OIL RATIO
08/10/2010 ✓	1 hr.	1/2"		trace	43 mcf/h	trace		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL	GAS--MCF	WATER--BBL		OIL GRAVITY-API (CORR.)	
SI - 615psi	SI - 750psi		1/2 bopd ✓	1023 mcf/d ✓	5 bwpd ✓			

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SIGNED Crystal Tabara TITLE Staff Regulatory Technician DATE 9/13/2010

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Graneros	8043'	8149'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	8043'
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Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	