

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

5 LEASE DESIGNATION AND SERIAL NO

SF-079363

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

NMNM-78412C-DK

7 UNIT AGREEMENT NAME

San Juan 28-6 Unit

8 FARM OR LEASE NAME, WELL NO

109N

9 API WELL NO.

30-039-30715-0001

10 FIELD AND POOL, OR WILDCAT

Basin Dakota

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

OR AREA

RCVD SEP 28 '09

SEC. 1, T27N, R6W

OIL CONS. DIV.

DIST. 3

12 COUNTY OR

PARISH

Rio Arriba

New Mexico

13 STATE

15. DATE SPUNDED

06/17/2009

16 DATE T.D. REACHED

6/28/2009

17 DATE COMPL. (Ready to prod)

9/17/2009

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

GL 6490'

KB 6506'

19 ELEV. CASINGHEAD

20 TOTAL DEPTH, MD & TVD

MD 7970' TVD 7703'

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

MD 7966' TVD 7699'

22. IF MULTIPLE COMPL.,

HOW MANY*

2

23 INTERVALS

DRILLED BY

ROTARY TOOLS

yes

CABLE TOOLS

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

Basin Dakota 7733' - 7935'

25 WAS DIRECTIONAL

SURVEY MADE

YES

26 TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCL/CBL

No

27. WAS WELL CORED

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#	228'	12 1/4"	Surface, 76sx(122cf-22bbbs)	3 bbbs
7" / J-55	23#	4584'	8 3/4"	Surface, ST@2891', 640sx(1308cf-233bbbs)	60 bbbs
4 1/2" / L-80 & J-55	11.6#	7967'	6 1/4"	TOC@2620', 260sx(523cf-93bbbs)	

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	7866'	

30. TUBING RECORD

PERFORATION RECORD (Interval, size and number)	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
Dakota w/ .34" diam. 2SPF @ 7896' - 7935' = 32 Holes 1SPF @ 7733' - 7887' = 39 Holes Dakota Total Holes = 71 ✓	7733' - 7935' Acidize w/ 10bbbs 15% HCL. Frac w/ 93,618gals SlickWater w/ 35,939# 20/40 Arizona Sand

31. 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
9/17/2009 ✓	1 hr.	1/2"	<div><div></div></div>	0	59 mcf/h	0 bwph		
FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL	GAS--MCF	WATER--BBL		OIL GRAVITY-API (CORR)	
SI - 889psi	SI - 768psi	<div><div></div></div>	0	1425 mcf/d ✓	6 bwph			

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

To be sold

TEST WITNESSED BY

33. LIST OF ATTACHMENTS

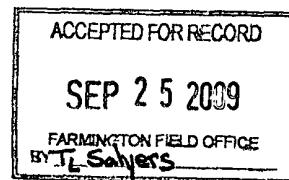
This is going to be a Basin Dakota/Blanco Mesa Verde well being DHC per order # 3155AZ

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

SIGNED Gustaf Tafaya TITLE Regulatory Technician DATE 9/24/2009

*(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.



NMOC

API # 30-039-30715		San Juan 28-6 Unit 109N			
Ojo Alamo	2817'	2904'	White, cr-gr ss.	Ojo Alamo	2817'
Kirtland	2904'	3208'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2904'
Fruitland	3208'	3500'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3208'
Pictured Cliffs	3500'	3648'	Bn-Gry, fine grn, tight ss.	Pic. Cliffs	3500'
Lewis	3648'	4056'	Shale w/siltstone stringers	Lewis	3648'
Huerfanito Bentonite	4056'	4478'	White, waxy chalky bentonite	Huerfanito Bent.	4056'
Chacra	4478'	5082'	Gry fn grn silty, glauconitic sd stone w/drck gry shale	Chacra	4478'
Mesa Verde	5082'	5357'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5082'
Menefee	5357'	5724'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5357'
Point Lookout	5724'	6147'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5724'
Mancos	6147'	6904'	Dark gry carb sh.	Mancos	6147'
Gallup	6904'	7634'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6904'
Greenhorn	7634'	7699'	Highly calc gry sh w/thin lmst.	Greenhorn	7634'
Graneros	7699'	7731'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7699'
Dakota	7731'		Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7731'
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	

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109N

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30-039-30715 - 0062

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Blanco Mesaverde

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

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RCVD SEP 28 '09

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MD 7966' TVD 7699'

22 IF MULTIPLE COMPL,

HOW MANY*

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23. INTERVALS

DRILLED BY

ROTARY TOOLS

yes

CABLE TOOLS

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

Blanco Mesaverde 4480' - 6098'

25. WAS DIRECTIONAL

SURVEY MADE

YES

27 WAS WELL CORED

No

26 TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCL/CBL

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#	228'	12 1/4"	Surface, 76sx(122cf-22bbbls)	3 bbbls
7" / J-55	23#	4584'	8 3/4"	Surface, ST@2891', 640sx(1308cf-233bbbls)	60 bbbls
4 1/2" / L-80 & J-55	11.6#	7967'	6 1/4"	TOC@2620', 260sx(523cf-93bbbls)	

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	7866'	

30 TUBING RECORD

31 PERFORATION RECORD (Interval, size and number)

Point Lookout w/ .34" diam.
1SPF @ 5549' - 6098' = 25 Holes
Menefee/Cliffhouse w/ .34" diam.
1SPF @ 5085' - 5443' = 25 Holes
Lewis w/ .34" diam.
1SPF @ 4480' - 4979' = 25 Holes

Mesaverde Total Holes = 75 ✓

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

5549' - 6098'	Acidize w/ 10bbbls 15% HCL. Frac w/ 47,334gals SlickWater foam pad w/ 100,255# 20/40 Arizona Sand. N2:1,082,000SCF
5085' - 5443'	Acidize w/ 10bbbls 15% HCL. Frac w/ 46,536gals 60% SlickWater N2 foam w/99,896# 20/40 Arizona Sand. N2:948,000SCF.
4480' - 4979'	Acidize w/ 500gals 20# gel foam pad. Frac w/ 32,508gals 75% SlickWater N2 foam w/ 108,218# 20/40 Arizona Sand. N2:1,638,000SCF.

33 PRODUCTION

DATE FIRST PRODUCTION N/A		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING ✓					WELL STATUS (Producing or shut-in) SI	
DATE OF TEST 9/9/2009 ✓	HOURS TESTED 1 hr.	CHOKE SIZE 1/2"	PROD'N FOR TEST PERIOD →	OIL-BBL 0	GAS-MCF 82 mcf/h	WATER-BBL 1 bwph		GAS-OIL RATIO
FLOW. TUBING PRESS SI - 889psi	CASING PRESSURE SI - 768psi	CALCULATED 24-HOUR RATE →	OIL-BBL 0	GAS-MCF 1968 mcf/d ✓	WATER-BBL 26 bwph ✓		OIL GRAVITY-API (CORR.)	

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

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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ACCEPTED FOR RECORD

SEP 25 2009

FARMINGTON FIELD OFFICE
BY T. Salvendy

NMOCD

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Gallup	6904'	7634'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6904'
Greenhorn	7634'	7699'	Highly calc gry sh w/thin lmst.	Greenhorn	7634'
Graneros	7699'	7731'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7699'
Dakota	7731'		Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7731'
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	