

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-080751-A

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

7 UNIT AGREEMENT NAME

NMMN-74017-DK

8 FARM OR LEASE NAME, WELL NO

Sunray F 3N

9 API WELL NO

30-045-34951-0101

10 FIELD AND POOL, OR WLD CAT

Basin Dakota

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

Sec. 1, T29N, R10W

OIL CONS. DIV.

DIST. 3

12 COUNTY OR PARISH

San Juan

13 STATE

New Mexico

14. PERMIT NO

DATE ISSUED

15 DATE SPURRED

11/06/2009

16. DATE T D REACHED

12/03/2009

17 DATE COMPL (Ready to prod)

03/17/2010

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

GL 5857' KB 5872'

19 ELEV CASINGHEAD

20 TOTAL DEPTH, MD & TVD

6915'

21 PLUG, BACK T D, MD & TVD

6912'

22 IF MULTIPLE COMPL, HOW MANY*

2

23 INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

yes

25 WAS DIRECTIONAL SURVEY MADE

No

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#	377'	12 1/4"	Surface, 210sx(248cf-44bbbls)	10 bbbls
7" / J-55	23#	2628'	8 3/4"	Surface, 368sx(735cf-134bbbls)	45 bbbls
4 1/2" / L-80	11.6#	6914'	6 1/4"	TOC@1124', 319sx (440cf-114bbbls)	

29 LINER RECORD

30 TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8", 4.7#, L-80	6813'	

31 PERFORATION RECORD (Interval, size and number)

Dakota w/ .34" diam.
1SPF @ 6732' - 6804' = 18 Holes
2SPF @ 6807' - 6865' = 34 Holes

Dakota Total Holes = 52 ✓

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

6732' - 6865' Acidize w/ 10bbbls 15% HCL. Frac w/ 30,534gals 85% SlickWater w/ 25,211# of 20/40 Arizona Sand.

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
03/17/2010 ✓	1 hr.	1/2"	→	0	27 mcf/h	trace		
FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL		OIL GRAVITY-API (CORR)	
SI - 157psi	SI - 123psi	→	0	650 mcf/d ✓	2 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/Blanco Mesa Verde well being DHC per order # 3171AZ

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

SIGNED

Crystal Talaya

TITLE

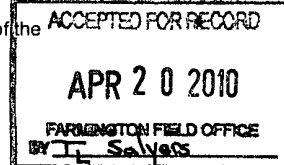
Regulatory Technician

DATE

3/31/2010

(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
4/26

API # 30-045-34951		Sunray F 3N			
Ojo Alamo	1175'	1318'	White, cr-gr ss.	Ojo Alamo	1175'
Kirtland	1318'	2036'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1318'
Fruitland	2036'	2389'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2036'
Pictured Cliffs	2389'	2559'	Bn-Gry, fine grn, tight ss.	Pic. Cliffs	2389'
Lewis	2559'	3018'	Shale w/siltstone stringers	Lewis	2559'
Huerfanito Bentonite	3018'	3373'	White, waxy chalky bentonite	Huerfanito Bent.	3018'
Chacra	3373'	3930'	Gry fn grn silty, glauconitic sd stone w/drak gry shale	Chacra	3373'
Mesa Verde	3930'	4152'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3930'
Menefee	4152'	4615'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4152'
Point Lookout	4615'	5068'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	4615'
Mancos	5068'	5885'	Dark gry carb sh.	Mancos	5068'
Gallup	5885'	6614'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg interbed sh	Gallup	5885'
Greenhorn	6614'	6673'	Highly calc gry sh w/thin lmst.	Greenhorn	6614'
Graneros	6673'	6728'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	6673'
Dakota	6728'		Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	6728'
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	

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SF-080751-A

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7 UNIT AGREEMENT NAME

MMNM- 76364-MV

8 FARM OR LEASE NAME, WELL NO

Sunray F 3N

9 API WELL NO

30-045-34951-01C2

10 FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

RCVD APR 26 '10

Sec. 1, T29N, R10W

OIL CONS. DIV.

DIST. 3

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20 TOTAL DEPTH, MD & TVD

6915'

21 PLUG, BACK T D., MD & TVD

6912'

22 IF MULTIPLE COMPL ,
HOW MANY*

2

23 INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

yes

24

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

Blanco Mesaverde 3936' - 5040'

25 WAS DIRECTIONAL
SURVEY MADE

No

26 TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCL/CBL

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#	377'	12 1/4"	Surface, 210sx(248cf-44bbbls)	10 bbbls
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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	6813'	

30 TUBING RECORD

31 PERFORATION RECORD (Interval, size and number)

Point Lookout w/ .34" diam.
1SPF @ 4310' - 5040' = 25 Holes
Menefee/ Cliffhouse w/ .34" diam.
1SPF @ 3936' - 4242' = 23 Holes

Mesaverde Total Holes = 48 ✓

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

4310' - 5040'
Acidize w/ 10bbbls 15% HCL. Frac w/ 45,360gals 60%
SlickWater w/ 100,583# of 20/40 Arizona Sand.
N2:970,000SCF.

3936' - 4242'
Acidize w/ 10bbbls 15% HCL. Frac w/ 45,780gals 60%
SlickWater w/ 104,344# of 20/40 Arizona Sand.
N2:8,599,200SCF.

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
03/04/2010 ✓	1 hr.	1/2"	→	trace	39 mcf/h	2 bwph		
FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL	GAS--MCF	WATER--BBL		OIL GRAVITY-API (CORR)	
SI - 157psi	SI - 123psi	→	1/2 bopd ✓	924 mcf/d ✓	35 bwpd ✓			

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

To be sold

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SIGNED Crystal Talaya TITLE

Regulatory Technicain

DATE 3/31/2010

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NMOCD

B 4/26

ACCEPTED FOR RECORD

APR 20 2010

FARMINGTON FIELD OFFICE
BY T. Salyers

API # 30-045-34951		Sunray F 3N			
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Greenhorn	6614'	6673'	Highly calc gry sh w/thin lmst.	Greenhorn	6614'
Graneros	6673'	6728'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	6673'
Dakota	6728'		Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	6728'
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	