

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-079266

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO

Vaughn 13N

9. API WELL NO.

30-039-30295

10. FIELD AND POOL, OR WILDCAT

Basin DK/Blanco MV

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

Sec. 27 T26N R6W, NMPM

RCVD DEC 10 '07

OIL CONS. DIV.

DIST. 3

12. COUNTY OR
PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUNDED

9/21/07

16. DATE T.D. REACHED

9/29/07

17. DATE COMPL. (Ready to prod.)

11/14/07

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

GL 6636'

KB 6648'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7537'

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

7502'

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

7234' - 7494"

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR, CCL, CBL

27. WAS WELL CORED

No

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" J-55	24#	334'	12 1/4"	surface; 310 sx (374 cf)	17 bbis
4 1/2" L-80	11.6#	7531'	7 7/8"	TOC 76"; 1170 sx (767 cf)	40 bbis

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	7406"	

30. TUBING RECORD

PERFORMANCE RECORD (Interval, size and number)	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
34" @ 2 SPF 7402' - 7494' = 40 holes 34" @ 1 SPF 7234' - 7382' = 35 holes Total holes = 75	7234' - 7494' 10 bbis 15% HCL Acid, 30,450 gals 60 Q slickwater & N2 Foam. 25,000# 20/40 Brady Sand N2 = 5,846,453 SCF

33.			PRODUCTION				
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in)	
SI W/O Facilities		Flowing				SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO
11/14/07	1	.5"	→	1/8 boph	54 mcph	1/4 bwph	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)	
SI - 1112#	SI-1100#	→	4 bopd	1287 mcf/d	30 bwph		

DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	TEST WITNESSED BY
To be sold. W/O facilities to be set before first production.	

LIST OF ATTACHMENTS
This is a MV/DK well being DHC per order #2664AZ.

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

SIGNED Shane E. Jones TITLE Regulatory TechnicianDATE 12/4/07

(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

FARMINGTON FIELD OFFICE
DEC 10 2007

Ojo Alamo	2412'	2515'	White, cr-gr ss.	Ojo Alamo	2412'
Kirtland	2515'	2693'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2515'
Fruitland	2693'	2965'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2693'
Pictured Cliffs	2965'	3103'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2965'
Lewis	3103'	3380'	Shale w/siltstone stringers	Lewis	3103'
Huerfanito Bentonite	3380'	3829'	White, waxy chalky bentonite	Huerfanito Bent.	3380'
Chacra	3829'	4617'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	3829'
Mesa Verde	4617'	4653'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4617'
Menefee	4653'	5202'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4653'
Point Lookout	5202'	5505'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5202'
Mancos	5505'	6270'	Dark gry carb sh.	Mancos	5505'
Gallup	6270'	7123'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh	Gallup	6270'
Greenhorn	7123'	7180'	Highly calc gry sh w/thin lmst.	Greenhorn	7123'
Graneros	7180'	7230'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7180'
Dakota	7230'		Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	7230'