

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Dominion Oklahoma Texas E&P, Inc.

3a. Address

Suite 600

14000 Quail Springs Parkway, Oklahoma City, OK 73134

3b. Phone No. (include area code)

405-749-1300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1825' FSL & 1630' FEL (NW/4 SE/4) Sec. 29-27N-11W

5. Lease Serial No.

NMNM-078896

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Federal 29-33

9. API Well No.

30-045-24792

10. Field and Pool, or Exploratory Area

Basin - Fruitland Coal

11. County or Parish, State

San Juan Co., NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Altering Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

Down Hole Comingling.

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen, directionally or recompleting horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleting in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Dominion request permission to comingling production downhole with the West Kutz-Pictured Cliffs and Fruitland Coals as follows: Set CBP @ 1800'. Perf Fruitland Coal at 1693 - 96; 1715 - 18; 1720 - 28 & 1761 - 70. Frac w/88,000# 20/40 sd., set CBP @1685'. Perf Upper Fruitland Coal 1576 - 79; 1614 - 16; 1638 - 46 & 1653 - 55. Frac w/65,000# 20/40 sd. Wash down and drill out CBP's, run tbg. & rods, put well on pump.

The Basin Fruitland Coal (71629) & the West Kutz-Pictured Cliffs (79680) Pools are pre-approved for downhole comingling per NMOC order R-11363. The working, overriding, and royalty interest owners in the proposed comingling pools are identical, therefore, no notification of this application need be submitted via certified mail (return receipt).

Dominion recommends volumetric analysis be used as the basis for the production allocation. Fruitland Coal 98% and Pictured Cliffs 2%. Comingling production downhole in the subject well from the proposed pools will not reduce the value of the total remaining production.

Note: This has also been requested from the state on form C-103.

DHC1375A2

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Carla Christian

Title Regulatory Specialist

Signature

Carla Christian

Date 12/02/2003

Approved by

[Signature]

Title

Date

DEC 04 2003

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, 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.

NMOCN

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 15, 2000
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-24792	² Pool Code 71629	³ Pool Name Basin Fruitland Coal
⁴ Property Code Federal 29	⁵ Property Name Federal 29	⁶ Well Number 33
⁷ OGRID No. 025773	⁸ Operator Name Dominion Oklahoma Texas E&P, Inc.	⁹ Elevation 6242'

¹⁰ Surface Location

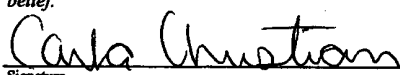
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	29	27N	11W		1825'	South	1630'	East	San Juan

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ RECEIVED 30 DEC 2003 OIL CONSERVATION DIVISION				¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Carla Christian Printed Name Regulatory Specialist Title December 2, 2003 Date
				¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> December 9, 1980 Date of Survey Signature and Seal of Professional Surveyor: 3950 Certificate Number

Dominion Exploration & Production

10-27-03

Federal 29-33

Prop. No. 402163.001

A.P.I. # 30-045-24792

Sec 29-27N-11W

West Kutz Field

San Juan County, New Mexico

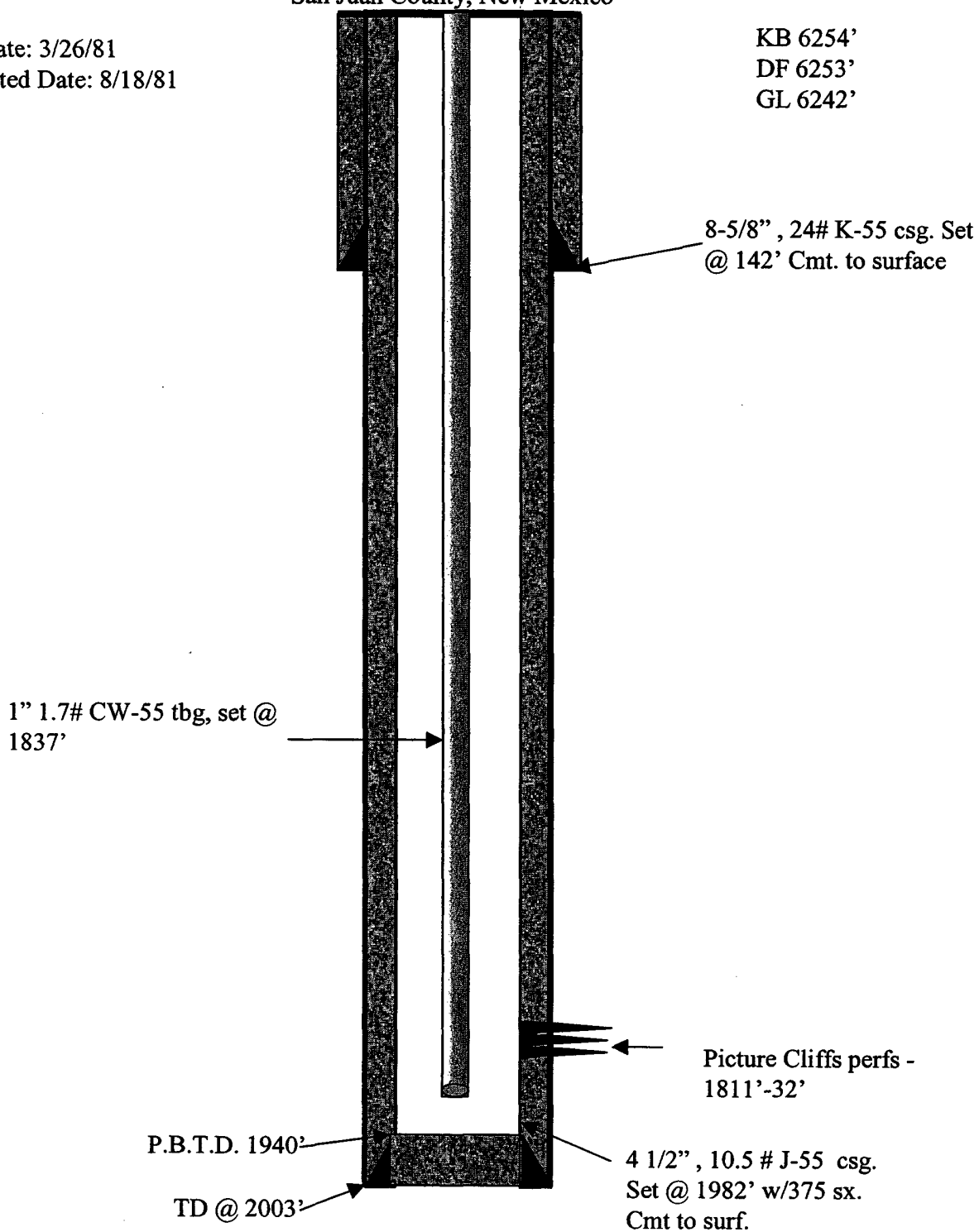
Spud Date: 3/26/81

Completed Date: 8/18/81

KB 6254'

DF 6253'

GL 6242'



Dominion Exploration & Production

10-27-03

Federal 29-33

Prop. No. 402163.001

A.P.I. # 30-045-24792

Sec 29-27N-11W

West Kutz Field

San Juan County, New Mexico

Spud Date: 3/26/81

Completed Date: 8/18/81

KB 6254'

DF 6253'

GL 6242'

8-5/8", 24# K-55 csg. Set
@ 142' Cmt. to surface

Rods and pump

2 3/8" 4.7# J-55 tbg, set @
1837'

Fruitland Coal perfs -
1576-79; 1614-16;
1638-46; 1653-55,

Fruitland Coal perfs-
1693-96'; 1715-18;
1720-28', & 1761-70'

Picture Cliffs perfs -
1811'-32'

P.B.T.D. 1940'

TD @ 2003'

4 1/2", 10.5 # J-55 csg.
Set @ 1982' w/375 sx.
Cmt to surf.

Proprietary

GAS RESERVE SUMMARY

API #: 3004524792
WELL NAME: Federal 29-33
OPERATOR : DEPI
LEGAL : 29-27N-11W 1825 FSL 1630 FEL
COUNTY : San Juan
STATE : NM
FIELD NAME: Kutz West

Zone	Rsv Cat	Interval	h	phi	Sw	Ac	FVFI SCF/ rcf	M/AF	GIP MMF	EUR MMF	CUM MMF	REM @ MMF	YMD	REC GIP %	Compl Date ymody	Last Prod yrmo
Pictured Cliffs	PDP - TA	1770	1912	21.0	23.0	57	158	37	147	543	490	473	17 11/1/2003	90	08/25/01	
Fruitland Coal	BP	1576	1770	29.5			121	13	421	1527	750		750	49	Pending	
TOTAL				50.5	9.6	23.6	136	23.29	307	2070	1240	473	767			

$$PC \quad \frac{17}{767} = 2\%$$

DOMINION E & P GAS VOLUMETRICS

API #: 3004524792
WELL NAME: Federal 29-33
OPERATOR : DEPI
LEGAL : 29-27N-11W 1825 FSL 1630 FEL
COUNTY : San Juan
STATE : NM
FORMATION: Fruitland Coal
FIELD NAME: Basin
Reserve Cat: BP
Interval top, ft: 1576 4678 KB 6254
Interval base, ft: 1770 DF 6253
Datum, MPP, ft: 885 GR 6242
Temp grad, deg/100 ft: 3 U PERF: 1576 4678
Mean Surface Temp: 60 L PERF: 1770 4484
Pressure grad, psi/ft: 0.4
Atmospheric, psi: 14.65

GAS Gh
Tchc =
Pchc =
CWA =

Z =

Input variables	Source	Calculated Variables	pro =
GAS GRAVITY	0.57	Tc = 346.25	f(pr) =
% N2	1.00 %	Pc = 673.79	f(pr)' =
% CO2	0.50 %	Tc' = 345.26	pro' =
% H2S	0.00 %	Pc' = 671.86	Z
CONDENSATE (YES=1)	0	Tr = 1.586	200 0.9754
RES. TEMPERATURE	87 'F	Pri = 0.298	50 0.9938
INITIAL PRESSURE (grad)	369 psia	Pra = 0.074	
INITIAL PRESSURE (used)	200 psia	Zi = 0.9754	
ABANDONMENT PRES	50 psia	Za = 0.9938	
GROSS INTERVAL	194 feet	SCFi/rcf = 13	
NET PAY (wellbore)	29.5 feet		
NET PAY (drainage area)	29.5 feet	logs	
ACRES	123 acres		
COAL DENSITY, g/cc	1.24 gm/cc	logs	
GAS CONTENT (ash free)	250.00 scf/ton	AAPG study	
RECOVERY FACTOR	50.00 %	assumed	
MCF/AC-FT	420.97		
GAS IN PLACE	1,527,499 MCF		
RECOVERABLE GAS	763,749 MCF		

GAS IN PLACE	MCF	MATERIAL BALANCE
NET PAY	29.5 feet	GIVEN
ACRES (P/Z)	0 acres	CALCULATED

RECOVERABLE GAS	750,000	RATE-TIME
NET PAY (wellbore)	29.5 feet	GIVEN
ACRES (R/T)	121	CALCULATED

Production Tests	Date	Gas	Oil/Cond	Water	FTP	ck	Flowtime	SITP	BHP
Stimulation	ymrody	mcfpd	bopd	bwpd	pslg	64ths	hours	pslg	pslg
Reservoir Properties	Test	Date	Interval	k	skin	kair	phi	Sw	rhom
Source	type	ymrody	ft	md	s	md	%	%	g/cc

COMMENT: Perf: 1576-79, 1614-16, 1638-46, 1653-55; 1693-96, 1715-18, 1720-28, 1761-70.

DOMINION E & P GAS VOLUMETRICS

API #: 3004524792
WELL NAME: Federal 29-33
OPERATOR : DEPI
LEGAL : 29-27N-11W 1825 FSL 1630 FEL
COUNTY : San Juan
STATE : NM
FORMATION: Pictured Cliffs
FIELD NAME: Kutz West
Reserve Cat: PDP - TA
Interval top, ft: 1770 4484 KB 6254
Interval base, ft: 1912 DF 6253
Datum, MPP, ft: 1821.5 GR 6242
Temp grad, deg/100 ft: 1.604
Mean Surface Temp: 60 U PERF: 1811 4443
Pressure grad, psi/ft 0.28 L PERF: 1832 4422
Atmospheric, psi: 14.65

Input variables

Calculated Variables

GAS GRAVITY	0.65	Tc =	372.42						
% N2	0.40 %	Pc =	672.81						
% CO2	0.60 %	Tc' =	371.25						
% H2S	%	Pc' =	670.70						
CONDENSATE (YES=1)		Tr =	1.482						
RES. TEMPERATURE	89 °F	Pri =	0.792						
INITIAL PRESSURE (grad)	525 psia	Pra =	0.075						
INITIAL PRESSURE (used)	531 psia	Zi =	0.9189						
ABANDONMENT PRES	50 psia	Za =	0.9923						
GROSS PAY	142 feet	SCFI/rcf =	37						
NET PAY (wellbore)	20 feet								
NET PAY (drainage area)	21 feet								
ACRES	160 acres	DPHI	NPHI	Rt	Rw	a	m	n	
WATER SAT	56.75 %	23	23	6	0.102	1	2	2	
POROSITY	23.00 %				Rw @				
					0.12				
					Tref, F				
					75				

MCF/AC-FT	147.44	
GAS IN PLACE	542,734 MCF	VOLUMETRIC
RECOVERABLE GAS	495,409 MCF	
RECOVERY	91.28 %	

GAS IN PLACE	0 MCF	MATERIAL BALANCE
NET PAY	21 feet	GIVEN
ACRES (P/Z)	0 acres	CALCULATED

RECOVERABLE GAS	489,797	RATE-TIME
NET PAY (wellbore)	21 feet	GIVEN
ACRES (R/T)	158	CALCULATED

Production Tests	Date	Gas	Oil/Cond	Water	FTP	ck lowtime	SITP	BHP
Stimulation	ymody	mcfpd	bopd	bwpd	pslg	64ths	hours	pslg
		404			368			
Reservoir Properties	Test	Date	Interval	k	skin	kair	phi	Sw
Source	type	ymody	ft	md	s	md	%	%
								rhom
								g/cc

COMMENT: Cum Gas 473 MMF @ 1/2003.

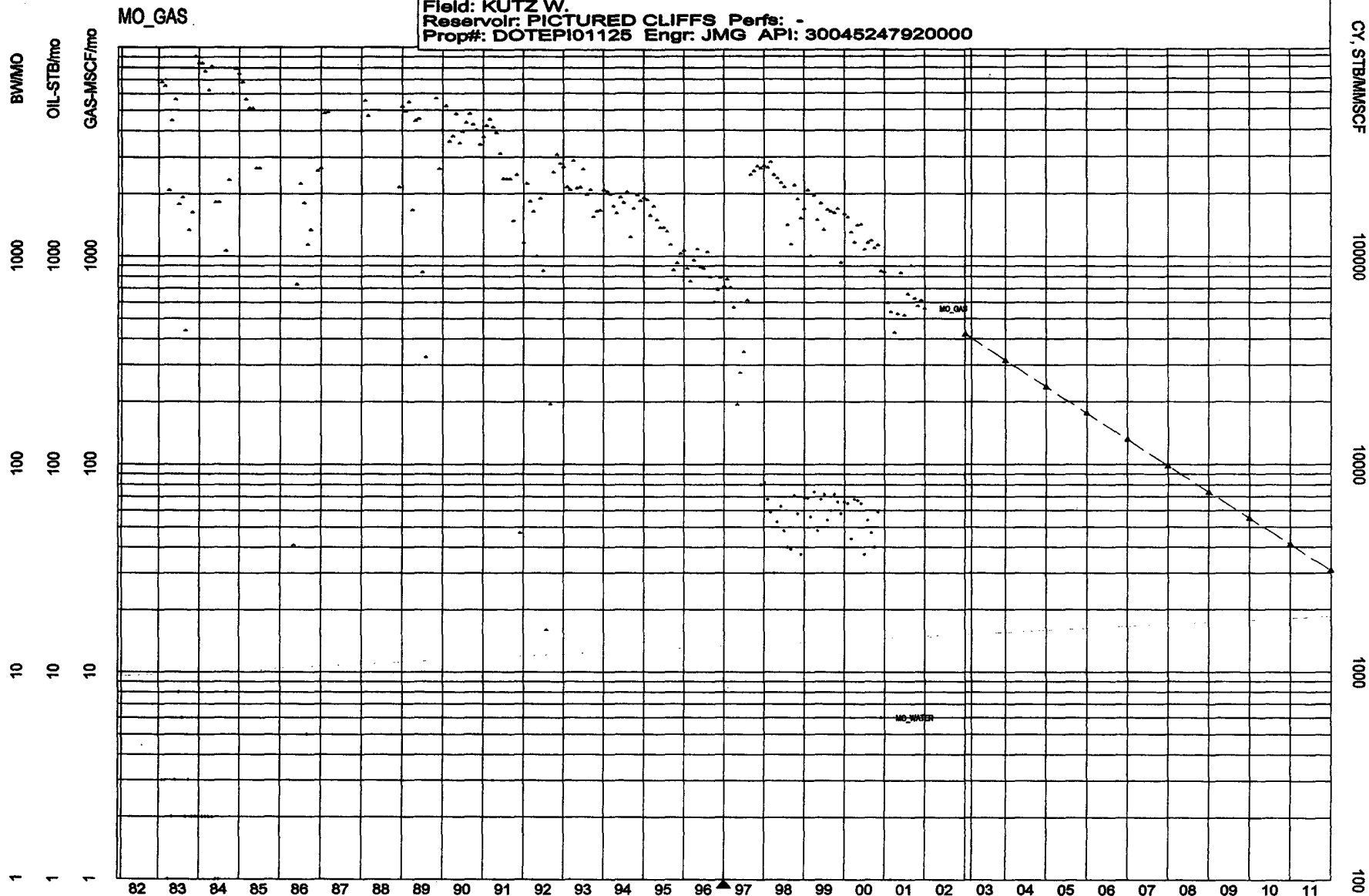
Oper: DOMINION E&P INC Lse: FEDERAL 29-33 (PCCF)

Loc: 29-27N-11W Co: SAN JUAN ST: NM

Field: KUTZ W.

Reservoir: PICTURED CLIFFS Perfs: -

Prop#: DOTEPI01125 Engr: JMG API: 30045247920000



GAS-MSCF/mo▲▲▲	OIL-STB/mo●●●	BW/MO●●●	CY, STB/MMSC■
Qual= YE2003	Ref= 1/2003	Ref= 1/2003	Ref= 1/2003
Cum= 473256	Cum= 0	Cum= 2173	Cum= 0
Rem= 16541			
EUR= 489797			
Yrs= 20.830			