State of New Mexico Energy, Minerals and Natural Resources Department

Form C-105

Fee Lease - 5 copies

State Lease - 6 copies

DISTRICT I P.O.Box 1980, Hobbs, NM 88240

DISTRICT II P.O.Drawer DD, Artesia, NM 88210 OIL CONSERVATION DEVISION
P.O.Box 2088
Santa Fe, New Mexico 87806-2088

WELL API NO. 30-039-25417

5. Indicate Type of Lease

STATE M

FEE 🗆

NORTHWEST PIPELINE CORPORATION   ROSA UNIT #32A	38210	101		on a	William Man	STATE	EN PEELI
Type of Well   Cit Well LC    Cit	000 Rio Brazos Rd., Azte	с,		ONT G	Men is the		s Lease No.
18. Type of Well   OAS WELL 80   DRY D   OTHER   New Control   DRY D   OTHER   DRY	WELL COM	IPLETION OF	R RECOMPLET	TION REPO	RT AND LOG		
2. Name of Coperator   NoRTHWEST PIPELINE CORPORATION   8. Well INC.   NORTHWEST PIPELINE CORPORATION   9. POOT Name or Willocat   PO BOX 58590, SALT LAKE CITY, UTAH 81458-0900 (801)584-6981     Poot Name or Willocat   PO SA 58590, SALT LAKE CITY, UTAH 81458-0900 (801)584-6981     Poot Name or Willocat   PO SA 58590, SALT LAKE CITY, UTAH 81458-0900 (801)584-6981     Poot Name or Willocat   PO SA PICTURED CLIFFS   Poot Name or Willocat   Poot Name   Poot Na	OIL WELL   b. Type of Completion:			DIEE BESVR II	OTHER		
PO BOX 58900, SALT LAKE CITY, UTAH 81458-0900   (801)884-6981	2. Name of Operator			DITTIES TO E			T #32A
Unit Letter		, SALT LAKE CITY,	UTAH 81458-0900	(801)584-6981	We		
Date Spudded   11. Date T.D. Reached   12. Date Completed (Ready to Prod.)   13. Elevations (DF & RKB, RT, GR, etc.   14. Elevation Casinghead   07/01/94   07/28/94   13. Elevations (DF & RKB, RT, GR, etc.   14. Elevation Casinghead   6336'   6037'   16. Ptpg Back T.D.   17. If Multiple, Completion, How Many Zones?   18. Intervals Drilled By   Rotary tools   Cable Tools   22. (PC/MW)   75.		: 1771 Feet From	n The <b>NORTH</b>	Line and1	557 Feet From	The WEST	Γ Line
O6/23/94   O7/01/94   O7/28/94	Section 21		Township 31N	Range 06W		NMPM	RIO ARRIBA County
9. Producing interval(s), of this completion - Top, Bottom, Name   ROSA PICTURED CLIFFS 3168' TO 3272'   20. Was Directional Survey Made   YES   22. Was Well Cored   NO   NO   YES   NO   NO   YES				dy to Prod.)		RT, GR, etc.	14. Elevation Casinghead 6336'
Type   Bectric and Other Logs Flum   CASED   OPEN HOLE: IND/GR/CDL/SNL   22   Was Well Cored   NO				, How Many Zones?	18. Intervals Drilled By	х	
CASED HOLE: GRICCL/CBL OPEN HOLE: IND/GR/CDL/SNL NO  CASING RECORD (Report all strings set in well)  CASING SIZE WEIGHT LB/FT DEPTH SET HOLE SIZE CEMENTING RECORD AMOUNT PULLED 2-5/8" K-55 36# 522' 12-1/4" 265 SX 305 cu. ft. 7" K-55 20# 3624' 8-3/4" 610 SX 1126 cu. ft. 25. TUBING RECORD  SIZE TOP BOTTOM SACKS CEMENT SCREEN SIZE DEPTH SET PACKER SET SET 4-1/2" K-55 3535' 6057' 240 SX 1-1/2" 2.9# 3279' 3950'  26. Perforation record (interval. size, and number) 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. 3268' TO 3176', 3194' TO 3234', 3257' TO 3272' 110,000# 20/40 SAND 40,626 GAL 30# X-LINK IN 70 QUALITY FOAM 280 PRODUCTION  28. PRODUCTION Production Method (Flowing, gas lift, pumping - Size and type pump) SHUTT IN CASE SIZE BIRL 19/40 SAND 40,626 GAL 30# X-LINK IN 70 QUALITY FOAM 29/40 SAND 40,626 GAL 30# X-LINK 19/40 SAND 40,626 GAL 3							Survey Made
CASING SIZE WEIGHT LB/FT DEPTH SET HOLE SIZE CEMENTING RECORD AMOUNT PULLED 2-5/8" K-55 36# 522' 12-1/4" 265 SX 305 cu. ft.  7" K-55 20# 3624' 8-3/4" 610 SX 1126 cu. ft.  25. TUBING RECORD  SIZE TOP BOTTOM SACKS CEMENT SCREEN SIZE DEPTH SET PACKER SET 4-1/2" K-55 3535' 6057' 240 SX 1-1/2" 2.9# 3279' 3950'  26. Perforation record (interval, size, and number) 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  36268' TO 3176', 3194' TO 3234', 3240' TO 3244', 3257' TO 3272'.  TOTAL OF 71 .36" DIA HOLES.  3168' TO 3272'  3169'			OPEN HOLE: IND/GF	R/CDL/SNL		1	d
12-1/4"   265 SX 305 cu. ft.   25.   12-1/4"   265 SX 305 cu. ft.   27. K-55   20#   3624'   8-3/4"   610 SX 1126 cu. ft.   25.   TUBING RECORD   26.   TUBING RECORD   27.   TUBING RECORD   27.   TUBING RECORD   27.   ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.   266' TO 3176', 3194' TO 3234', 3257' TO 3272'   3950	3.	CASI	NG RECORD (	Report all s	strings set in v	vell)	
1.1/2" K-55   20#   3624'   8-3/4"   610 SX   1126 cu. ft.     25.	CASING SIZE	WEIGHT LB/FT	DEPTH SET	HOLE SIZE	CEMENTING F	RECORD AMOUNT FUL	
SIZE   TOP   BOTTOM   SACKS CEMENT   SCREEN   SIZE   DEPTH SET   PACKER SET	-5/8" K-55 36	<u> </u>	522'	12-1/4"	265 SX 305 cu. ft.		
SIZE TOP BOTTOM SACKS CEMENT SCREEN SIZE DEPTH SET PACKER SET  1-1/2" K-55 3535' 6057' 240 SX 1-1/2" 2.9# 3279' 395()'  27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  28268' TO 3176', 3194' TO 3234', 3257' TO 3272'.  TOTAL OF 71 .36" DIA HOLES.  3168' TO 3272'  3170,000# 20/40 SAND 40,626 GAL 30# X-LINK IN 70 QUALITY FOAN  328 Delegation of Froduction Method (Flowing, gas lift, pumping - Size and type pump)  329 Disposition of Gas (Sold, used for fuel, vented, etc.)  3170 BE SOLD  318 TO 3272'  319 Disposition of Gas (Sold, used for fuel, vented, etc.)  318 TO 3272'  319 Disposition of Gas (Sold, used for fuel, vented, etc.)  319 Disposition of Gas (Sold, used for fuel, vented, etc.)  310 Disposition of Gas (Sold, used for fuel, vented, etc.)  310 Disposition of Gas (Sold, used for fuel, vented, etc.)  310 Disposition of Gas (Sold, used for fuel, vented, etc.)  310 Disposition of Gas (Sold, used for fuel, vented, etc.)  310 Disposition of Gas (Sold, used for fuel, vented, etc.)  311 DISPOSITION  320 DISPOSITION  321 DEPTH INTERVAL  AMOUNT AND KIND MATERIAL  AMOUNT AND KIND MATERIAL  327 DISPOSITION  328 DISPOSITION  329 DISPOSITION  320 DISPOSITION  320 DISPOSITION  321 DEPTH INTERVAL  AMOUNT AND KIND MATERIAL  440 DISPOSITION  450 DISPOSITION  460 DISPOSITION  470 DI		f	3624'	8-3/4"		·	<u></u>
SET	4.	LINER F	RECORD	·	<sup>25.</sup> T	UBING RECOR	D
6. Perforation record (interval, size, and number)  27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  28268' TO 3176', 3194' TO 3234', 3240' TO 3244', 3257' TO 3272'.  TOTAL OF 71 .36" DIA HOLES.  28. PRODUCTION  29. Production Method (Flowing, gas lift, pumping - Size and type pump)  29. PRODUCTION  29. Production Method (Flowing, gas lift, pumping - Size and type pump)  29. Production For Test Period Test Bbl.  29. Production For Test Period Tes	SIZE T	ОР ВОТТОМ	SACKS CEMENT	SCREEN	SIZE	DEPTH S	
DEPTH INTERVAL  AMOUNT AND KIND MATERIAL USED  3168' TO 3272'  TOTAL OF 71 .36" DIA HOLES.  3168' TO 3272'  30# X-LINK IN 70 QUALITY FOAN  28.  PRODUCTION  Well Status (Producing or Shut-in) SHUT IN  Subject of Test OB/18/94  3 3/4"  Production For Cill - Bbl. Gas - MCF 152 Bbl. Fatio  Flow Tubing Pressure Gasing Pre	I-1/2" K-55 35;	35' 6057'	240 SX		1-1/2" 2.9#	3279'	3950'
DEPTH INTERVAL  AMOUNT AND KIND MATERIAL USED  3168' TO 3272'  3110,000# 20/40 SAND 40,626 GAL 30# X-LINK IN 70 QUALITY FOAN  28.  PRODUCTION  28.  PRODUCTION  30ate of First Production Method (Flowing, gas lift, pumping - Size and type pump)  FLOWING  3168' TO 3272'  3168' TO 3272'  3168' TO 3272'  3168' TO 3272'  3110,000# 20/40 SAND 40,626 GAL 30# X-LINK IN 70 QUALITY FOAN  30ate of First Production Method (Flowing, gas lift, pumping - Size and type pump)  FLOWING  SHUT IN  Gas - MCF 152  Bbl.  Flow Tubing Pressure 609#  Calculated 24- Hour Rate  Oil - Bbl.  Gas - MCF 1,214  Water - Bbl.  Oil Gravity - API - (Corr.)  Test Witnessed By CHIK CHARLEY  OIL - BLIC CORT.)  Test Witnessed By CHIK CHARLEY	6. Perforation record (in	terval, size, and number)		27. ACID,	SHOT, FRACTURE, C	L CEMENT, SQUE	EZE, ETC.
3168' TO 3272'  TOTAL OF 71 .36" DIA HOLES.  PRODUCTION  Date of First Production Method (Flowing, gas lift, pumping - Size and type pump)  Production Method (Flowing, gas lift, pumping - Size and type pump)  Production FLOWING  Date of Test Hours Tested Choke Size 3/4"  Date of Test Period Dil - Bbl. Gas - MCF Bbl. Fatio  Clasing Pressure Galculated 24-Hour Rate  Casing Pressure Galculated 24-Hour Rate  Dil - Bbl. Gas - MCF (Corr.)  Disposition of Gas (Sold, used for fuel, vented, etc.)  To BE SOLD  Disposition of Gas (Sold, used for fuel, vented, etc.)  Test Witnessed By CHIK CHARLEY  Disposition of Casing Pressure CHIK CHARLEY  Disposition of Casing Pressure CHIK CHARLEY	3194' TO 3234',			DEPT	H INTERVAL	AMOUNT AN	ID KIND MATERIAL
PRODUCTION  Date of First Production Method (Flowing, gas lift, pumping - Size and type pump)  Production Method (Flowing, gas lift, pumping - Size and type pump)  Production FLOWING  Date of Test				0450' TO 0070'	· · · · · · · · · · · · · · · · · · ·		
Production Method (Flowing, gas lift, pumping - Size and type pump)  Production Method (Flowing, gas lift, pumping - Size and type pump)  Production Method (Flowing, gas lift, pumping - Size and type pump)  SHUT IN  SHUT IN  Gas - MCF Bbl.  Gas - MCF Bbl.  Fatio  Casing Pressure 609#  Calculated 24- Hour Rate  Oil - Bbl.  Gas - MCF 1,214  Water - Bbl.  Oil Gravity - API - (Corr.)  Test Witnessed By CHIK CHARLEY  OIL Status (Production or Shut-in)  SHUT IN  Gas - MCF Bbl.  Gas - MCF 1,214  Test Witnessed By CHIK CHARLEY	TOTAL OF 71 .36" DIA HOLES.						
FLOWING  Oate of Test  OB/18/94  Oate of Test  Obl - Bbl.  Oil - Bbl.  Gas - MCF  152  Bbl.  Fatio  Fatio  Oil - Bbl.  Oil Gravity - API - (Corr.)  Oil - Bbl.  Oil Gravity - API - (Corr.)  Oil - Bbl.  Oil Gravity - API - (Corr.)  Oil - Bbl.  Oil Gravity - API - (Corr.)		Drock stine Mathed	(Clauring goo lift numping Si			Wall Status (Produc	ing or Shut-in)
152 Bbl. Flatio  Relow Tubing Pressure Casing Pressure G09# Calculated 24-Hour Rate Color Tubing Pressure G09# Color Tubing Pressure G09# Calculated 24-Hour Rate Color Tubing Pressure G09# Color Tubing Pr	FLOWING		ze and type pumpy		SHUT IN		
99#   609#   Hour Rate   1,214   (Corr.)  P9. Disposition of Gas (Sold, used for fuel, vented, etc.) TO BE SOLD  10. List Attachments		3	3/4"	Test Period		152	Bbl. Patio
TO BE SOLD CHIK CHARLEY  30. List Attachments	08/18/94	Casina Danasusa		Oil - Bbl.		1,214 (Corr.)	
	08/18/94 Now Tubing Pressure	609#	<u> </u>			IT AMERICAN DO	1 11 🗸
	08/18/94 Flow Tubing Pressure 89# 29. Disposition of Gas (S TO BE SOLD	609#	etc.)				er my
31. I Hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief	08/18/94 Flow Tubing Pressure 89# 29. Disposition of Gas (S TO BE SOLD 30. List Attachments	609#		EPORT & WELLB	ORE DIAGRAM		er April
Signature Title SR. OFFICE ASSISTANT Date 08/24/94	08/18/94 Flow Tubing Pressure 39# 29. Disposition of Gas (S TO BE SOLD 30. List Attachments LOGS, SUMMA	609#  cold, used for fuel, vented, on the cold, used for fuel, vented, on the cold is a second secon	ONES, DEVIATION RE				er Appl
LOGS, SUMMANT OF PORCOS ZONES, DEVIATION REPORT & WELLBORE DIAGRAM	3/18/94 ow Tubing Pressure			t	1.,,	T	1 10

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the cast of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 though 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

T. Ojo Alamo

T. Kirkland-Fruitland

T. Pictured Cliffs

T. Cliff House

Northwestern New Mexico

23301

2463

3163

5326

T. Penn. "B"

T. Penn. "C"

T. Penn. "D' T. Leadville

Southeastern New Mexico

T. Canvon

T. Strawn

T. Atoka

T. Miss

T. Anhy

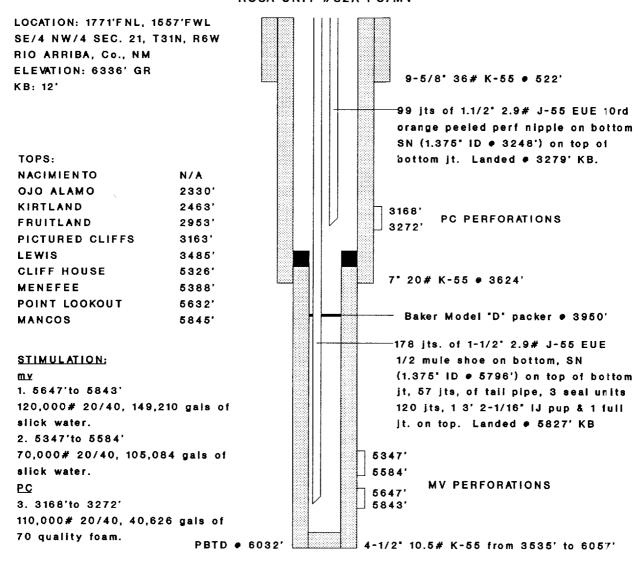
T. Salt

B. Salt

T. Yates

T. 7 Rivers			T. Devonian	T. Menefee		5388'	T. Madison
T. Queen			T. Silurian	T. Point Look		5632'	T. Elbert
T. Grayburg_			T. Montoya	T. Mancos		5845	I. McGracken
T. San Andres	5		⊺. Simpson	T. Gallup			T. Ignacio Otzte
I. Glorieta			T. McKee	Base Greenh	orn		I. Granite
T. Paddock_			I. Ellenburger	T. Dakota			I
T. Blinebry			T. Gr. Wash	i. Morrison			T
T. Tubb			I. Delaware Sand	i. Lodilto			Ţ
T. Tubb T. Drinkard		•	T. Bone Sprinas	T. Entrada			Ţ
T. Abo			т.	T. Wingate			I.
T. Abo			Т.	T. Chinle			1
T. Penn			Τ.	T. Permain			1.
T. Penn T. Cisco (Bou	gh C)		Т	T. Penn "A"			Т
•	·				,		
			OIL OR GAS	SANDS OR Z	ONES		
No. 1 from		to		No. 3 from		to	
No. 2, from _		to		No. 4 from		to	
					····		<del></del>
			IMPORTAL	NT WATER SA	NDS		
		atar inflam and	elevation to which water rose in h		INDS		
include data d	on rate of w	ater iniiow and	elevation to which water rose in r	iole.	fo	nt.	
No. 1, from _			tototo		fo	ot	
No. 2, from			to		fo	et	
140. 3, Irom _						<del></del>	
			LITHOLOGY RECORD (At	tach additiona	sheet if	necessary)	
From	То	Thickness in Feet	Lithology	From	То	Thickness in Feet	Lithology
-							
				ł			
				j			
				i			
				l l			
		1					
				- 1			
						ļ	
				1	-		
					į	į	
						1	
				1	ł	1	*
				1		1	
				1			
				1		1	
				1	<u> </u>	1	
						1	
					l		
						1	
				1			
						1	
		1			1		
					1		
					1	ı	
		1			}	1	1
Ì					1		
					1	1	
		1			1	1	

## WELLBORE DIAGRAM ROSA UNIT #32A PC/MV



HOLE SIZE	CASING	CEMENT	VOLUME	TOP OF CMT
12-1/4"	9-5/8" 36#	265 SX	305 CU.FT.	SURFACE
8-3/4"	7° 20#	610 SX	1126 CU.FT.	SURFACE
6-1/4	4-1/2" 10.5#	240 SX	415 CU.FT.	LINER TOP