

DATE IN 11/11/01	SUBMITTED 11/21/01	ENGINEER M.S	LOGGED IN	TYPE NSL	APP NO. 130946486
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



NOV - 1 2001

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication

☒ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement

☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO

U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

John C. Thompson
Print or Type Name

Signature

AGENT/Engineer
Title

9/18/01
Date

WALSH@Cyberport.COM
e-mail Address

**WALSH**

ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting
Lease Management
Contract Pumping7415 East Main
Farmington, New Mexico 87402
(505) 327-4892 • Fax: (505) 327-9834

Ms. Lori Wrotenbery
New Mexico Oil Conservation Division
1220 South Saint Francis Drive
Santa Fe, NM 87505

August 31, 2001

(30-045-30816)

Re: Request for Administrative approval for Non-Standard Dakota Location
Rosa Unit 167B (Sec 8/T31N/R6W, 955' fnl & 2205' fel, San Juan County, New Mexico)

Dear Ms. Wrotenbery,

Williams Production Company is requesting an administrative approval to construct the Rosa 167B as a dual Mesaverde/Dakota with the Dakota being non-standard. Williams has filed for an APD for a dual Dakota/Mesaverde well with the NMOCD (Aztec office).

Williams intends to make the well a dual well thereby capturing the reserves from the Dakota with a single well bore. Originally, the surface location was picked by considering drainage from the offset Mesaverde wells and topography/archaeology constraints. In this case, Williams would be unable to move the location any further to the east because of a large archaeology site and overall high density of archaeology sites in the area.

Therefore, the reasons for requesting administrative approval for a non-standard location are:

1. Archaeology (Large site just to the east of proposed location) – *refer to Arch Map*.
2. The current location has a good fit with projected drainage patterns within the Mesaverde formation. (RU 167A to the east – *refer to drainage map*).
3. By itself, the Dakota (in this area) is at best very marginal economically and a dual completion helps capture additional reserves from the Dakota that otherwise would not be able to be economically developed.
4. Utilizing a single well bore for a dual completion would also negate the need for additional disturbance of another well, ie. well pad, road, pipeline ROW, etc.

As the Unit Operator of the Rosa Unit, Williams Production is the only offset operator, thereby this proposed non-standard location would not affect any other operators.

Please find attached a drilling plat with topographical map showing location, archaeology map, drainage map as well as a portion of the unit map showing where the well is located within the unit.

If you have any questions or concerns, please feel free to contact me anytime.

Sincerely,

John C. Thompson
Engineer

c:wp/nsdk167b

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer 00, Artesia, NM 88211-0719

District III
000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code 72319 - 71599	*Pool Name Blanco Mesaverde - Basin Dakota
*Property Code	*Property Name ROSA UNIT		*Well Number 1678
*GRID No.	*Operator Name WILLIAMS PRODUCTION COMPANY		*Elevation 6219'

10 Surface Location

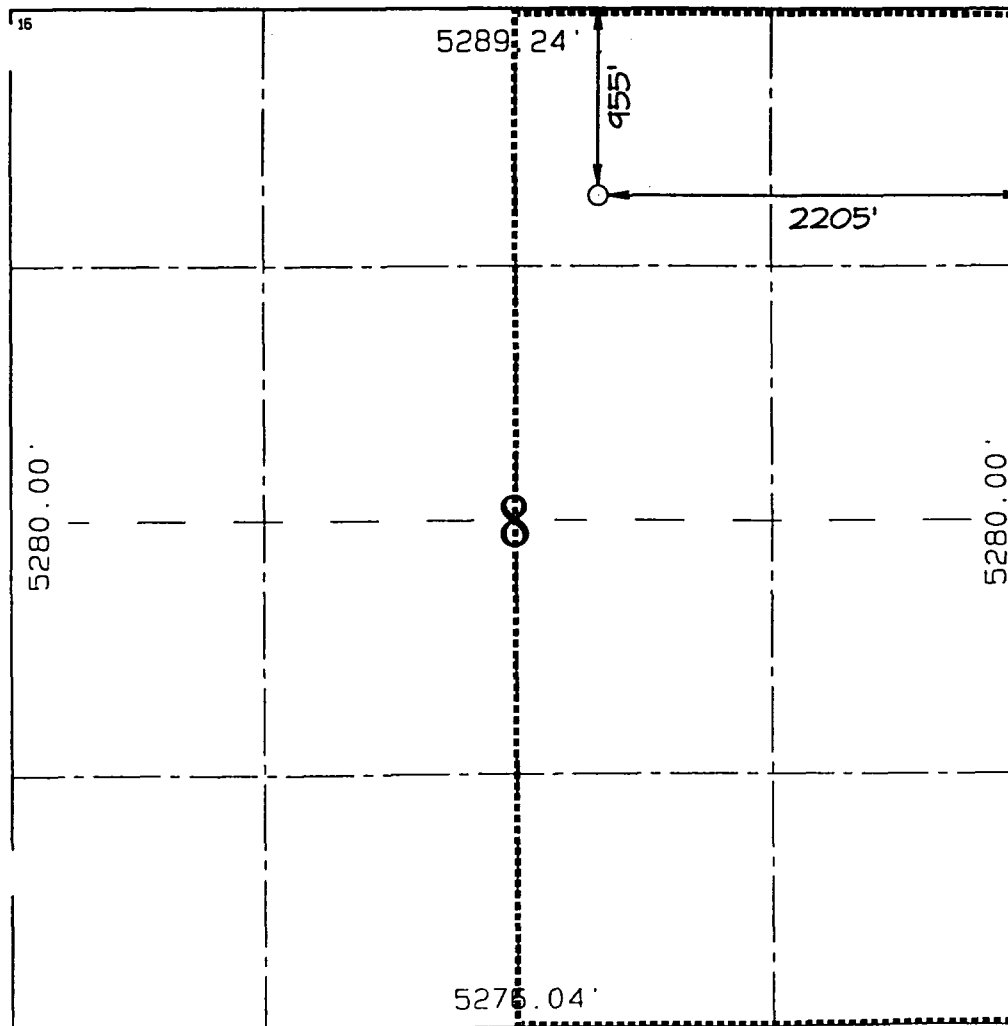
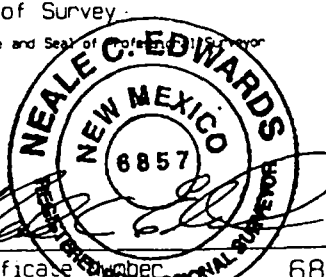
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	8	31N	6W		955	NORTH	2205	EAST	SAN JUAN

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 E/2 320		13 Joint or Infill Y	14 Consolidation Code U	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

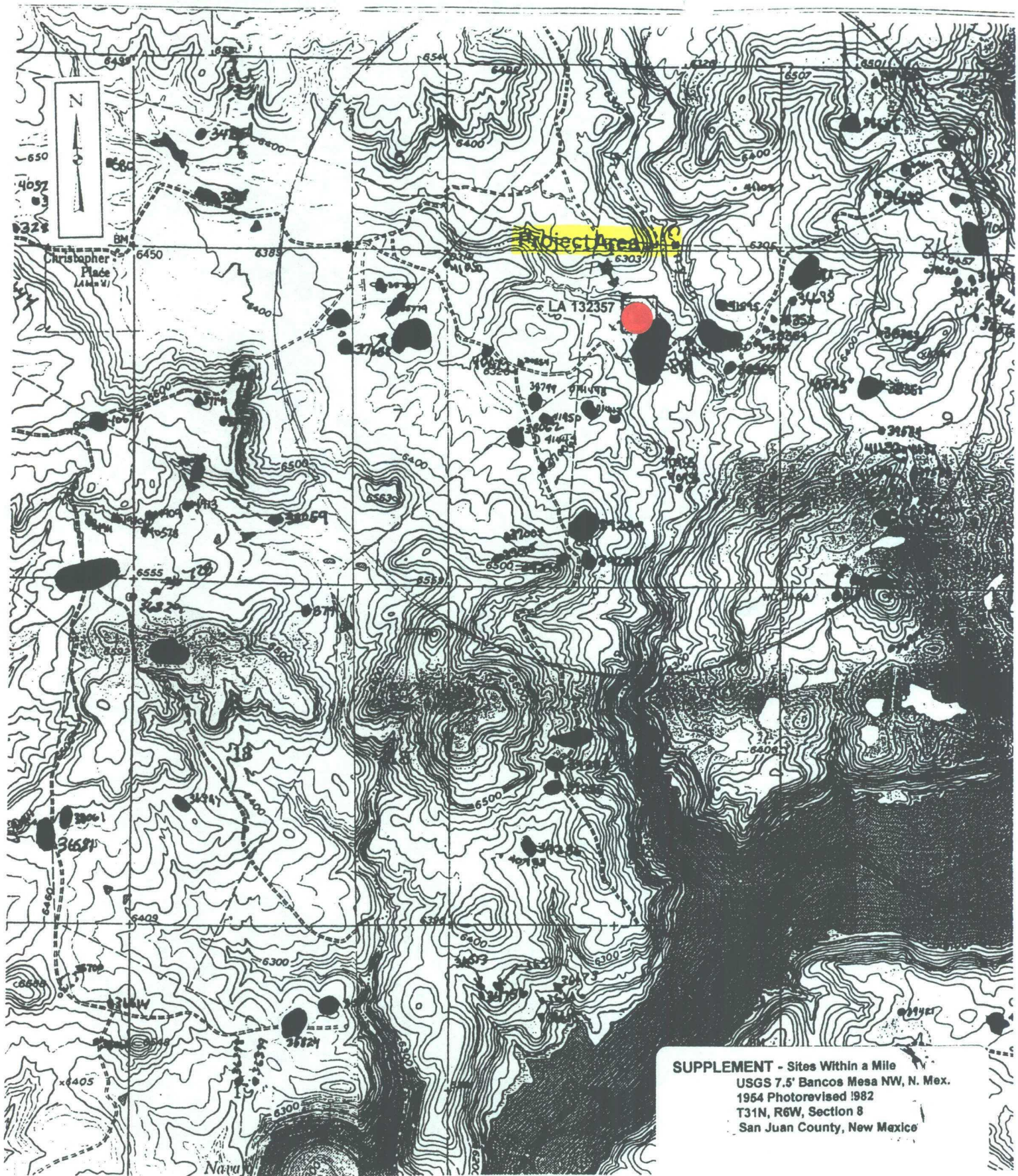
16		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature John C. Thompson Printed Name Agent Title 8/30/01 Date
		18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was 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. DECEMBER 23, 2000 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number 6857

WILLIAMS PRODUCTION COMPANY ROSA UNIT #167B

955' FN ; 2205' FEL, SECTION 8, T31N, R17W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO



**A Cultural Resources Survey of the Proposed
Rosa #167B Well Pad and Pipeline**



FOR OFFICIAL USE ONLY - DISCLOSURE OF SITE INFORMATION TO UNAUTHORIZED PERSONS IS PROHIBITED (36-CFR-296-18; 18-6-11.1 NMSA)

31 Allison
Unit 62A 

32

242 151A

29M
KmV
Kd

Kmv 35X 35
Kd D.A.'59
236

60  237

4

60A

180A



9

234 180

274



69 145A
Kd D.A. '80 Kpc
Kmv

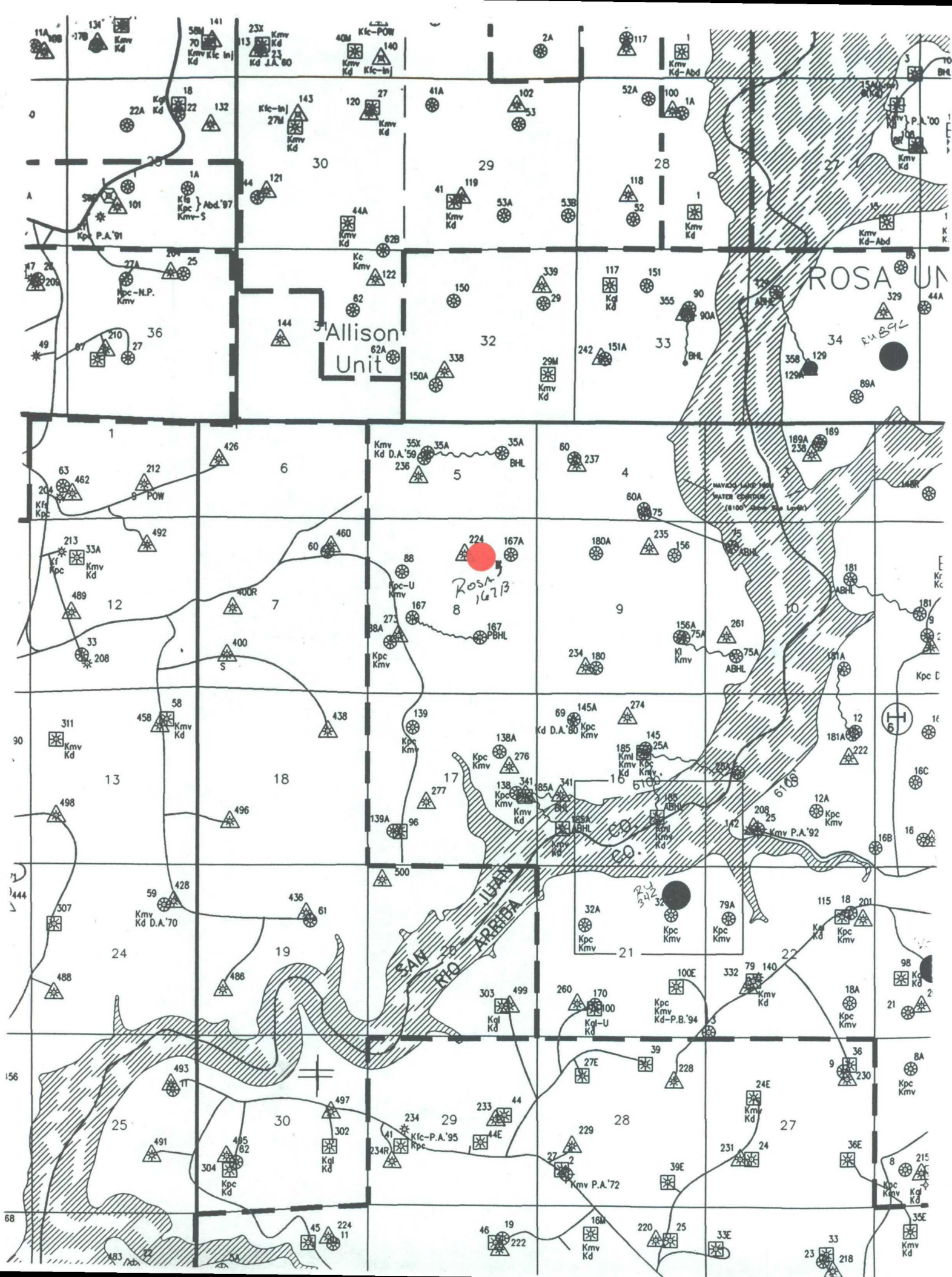
185
Kml
Kmv
Kd
16

$$-16 \frac{1}{6}$$

185A
ABHL

32A
Kpc
Kmv

- 21 -



CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

11/05/01 15:28:
OGOMES -TP
PAGE NO:

Sec : 08 Twp : 31N Rng : 06W Section Type : NORMAL

D 40.00 Federal owned U	C 40.00 Federal owned U	B 40.00 Federal owned U A A	A 40.00 Federal owned U A
E 40.00 Federal owned U A	F 40.00 Federal owned U	G 40.00 Federal owned U	H 40.00 Federal owned U

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07 BKWD	PF08 FWD	PF09 PRINT	PF10 SDIV	PF11	PF12

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

11/05/01 15:28:
OGOMES -TP
PAGE NO:

Sec : 08 Twp : 31N Rng : 06W Section Type : NORMAL

L 40.00 Federal owned U A A	K 40.00 Federal owned U A	J 40.00 Federal owned U	I 40.00 Federal owned U
M 40.00 Federal owned U	N 40.00 Federal owned U	O 40.00 Federal owned U	P 40.00 Federal owned U

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07 BKWD	PF08 FWD	PF09 PRINT	PF10 SDIV	PF11	PF12

CMD : ONGARD 11/05/01 15:29:
OG6C101 C101-APPLICATION FOR PERMIT TO DRILL OGOMES -TP

OGRID Idn : 120782 API Well No: 30 45 30816 APD Status(A/C/P): A
Opr Name, Addr: WILLIAMS PRODUCTION COMPANY, LLC Aprvl/Cncl Date : 09-10-20
PO BOX 58900
SALT LAKE CITY,UT 84158-0900

Prop Idn: 17033 ROSA UNIT Well No: 167 B

	U/L	Sec	Township	Range	Lot	Idn	North/South	East/West
Surface Locn	: B	8	31N	06W			FTG 955 F N	FTG 2205 F E
OCD U/L	: B		API County	: 45				

Work typ(N/E/D/P/A) : N Well typ(O/G/M/I/S/W/C): G Cable/Rotary (C/R) :
Lease typ(F/S/P/N/J/U/I): S Ground Level Elevation : 6219

State Lease No: Multiple Comp (S/M/C) : M
Prpsd Depth : 7946 Prpsd Frmtn : BLANCO MV/BASIN DK

E0009: Enter data to modify record
PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
PF07 PF08 PF09 PRINT PF10 C102 PF11 HISTORY PF12

CMD :
OG6IWC

ONGARD
INQUIRE WELL COMPLETIONS

11/05/01 15:29:
OGOMES -TP

API Well No : 30 45 29886 Eff Date : 12-02-1999 WC Status : A
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
OGRID Idn : 120782 WILLIAMS PRODUCTION COMPANY, LLC
Prop Idn : 17033 ROSA UNIT

Well No : 167A
GL Elevation: 6285

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/
	---	---	-----	-----	-----	-----	-----
B.H. Locn : A	8	31N	06W	FTG 1110 F N	FTG 790 F E	P	
Lot Identifier:							
Dedicated Acre: 320.00							
Lease Type : F							
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) : U							

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

CMD :
OG6ACRE

ONGARD
C102-DEDICATE ACREAGE

11/05/01 15:29:
OGOMES -TP
Page No :

API Well No : 30 45 29886 Eff Date : 11-07-1999
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
Prop Idn : 17033 ROSA UNIT Well No : 16
Spacing Unit : 52316 OCD Order : Simultaneous Dedication:
Sect/Twp/Rng : Acreage : 320.00 Revised C102? (Y/N) :
Dedicated Land:

S	Base	U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
	A	8	31N	06W		40.00	N	FD		
	B	8	31N	06W		40.00	N	FD		
	G	8	31N	06W		40.00	N	FD		
	H	8	31N	06W		40.00	N	FD		
	I	8	31N	06W		40.00	N	FD		
	J	8	31N	06W		40.00	N	FD		
	O	8	31N	06W		40.00	N	FD		
	P	8	31N	06W		40.00	N	FD		

E0005: Enter data to modify or PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07 BKWD	PF08 FWD	PF09	PF10 LAND	PF11 NXTSEC	PF12 RECONF

CMD :
OG6IPRD

ONGARD
INQUIRE PRODUCTION BY POOL/WELL

11/05/01 15:29:
OGOMES -TP
Page No:

OGRID Identifier : 120782 WILLIAMS PRODUCTION COMPANY, LLC
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
API Well No : 30 45 29886 Report Period - From : 01 2000 To : 08 2001

API Well No	Property Name	Prodn. MM/YY	Days Prod	Production Volumes Gas	Oil	Water	We St
30 45 29886	ROSA UNIT	01 00	31	22500			F
30 45 29886	ROSA UNIT	02 00	29	21180			F
30 45 29886	ROSA UNIT	03 00	31	22634		80	F
30 45 29886	ROSA UNIT	04 00	30	19840			F
30 45 29886	ROSA UNIT	05 00					S
30 45 29886	ROSA UNIT	06 00	30	19437		80	F
30 45 29886	ROSA UNIT	07 00	31	14726			F

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07 BKWD	PF08 FWD	PF09	PF10 NXTPOOL	PF11 NXTOGD	PF12

CMD :
OG6IPRD

ONGARD
INQUIRE PRODUCTION BY POOL/WELL

11/05/01 15:29:
OGOMES -TP
Page No:

OGRID Identifier : 120782 WILLIAMS PRODUCTION COMPANY, LLC
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
API Well No : 30 45 29886 Report Period - From : 01 2000 To : 08 2001

API Well No	Property Name	Prodn. MM/YY	Days Prod	Production Gas	Volumes Oil	Water	We St
30 45 29886	ROSA UNIT	08 00	31	12275		80	F
30 45 29886	ROSA UNIT	09 00	30	10786			F
30 45 29886	ROSA UNIT	10 00	31	10906		80	F
30 45 29886	ROSA UNIT	11 00	23	9679			F
30 45 29886	ROSA UNIT	12 00	22	8447			F
30 45 29886	ROSA UNIT	01 01	19	7935			F
30 45 29886	ROSA UNIT	02 01	18	7021			F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD :
OG6IPRD

ONGARD
INQUIRE PRODUCTION BY POOL/WELL

11/05/01 15:29:
OGOMES -TP
Page No:

OGRID Identifier : 120782 WILLIAMS PRODUCTION COMPANY, LLC
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
API Well No : 30 45 29886 Report Period - From : 01 2000 To : 08 2001

API Well No	Property Name	Prodn. MM/YY	Days Prod	Production Volumes Gas	Oil	Water St	We
30 45 29886	ROSA UNIT	03 01	19	7132		80	F
30 45 29886	ROSA UNIT	04 01	20	6822			F
30 45 29886	ROSA UNIT	05 01	21	7113			F
30 45 29886	ROSA UNIT	06 01	19	6219		80	F
30 45 29886	ROSA UNIT	07 01	18	6339			F
30 45 29886	ROSA UNIT	08 01	16	5913			F

Reporting Period Total (Gas, Oil) : 226904 480

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD :
OG6IWCM

ONGARD
INQUIRE WELL COMPLETIONS

11/05/01 15:31:
OGOMES -TP

API Well No : 30 45 29899 Eff Date : 11-07-1999 WC Status : A
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
OGRID Idn : 120782 WILLIAMS PRODUCTION COMPANY, LLC
Prop Idn : 17033 ROSA UNIT

Well No : 167
GL Elevation: 6334

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/
	---	---	-----	-----	-----	-----	-----
B.H. Locn : J	8	31N	06W	FTG 1750 F S	FTG 1750 F E		P
Lot Identifier:							
Dedicated Acre: 320.00							
Lease Type : P							
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) : U							

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

CMD :
OG6ACRE

ONGARD
C102-DEDICATE ACREAGE

11/05/01 15:31:
OGOMES -TP
Page No :

API Well No : 30 45 29899 Eff Date : 11-07-1999
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
Prop Idn : 17033 ROSA UNIT Well No : 16
Spacing Unit : 52316 OCD Order : Simultaneous Dedication:
Sect/Twp/Rng : Acreage : 320.00 Revised C102? (Y/N) :
Dedicated Land:

S	Base	U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
	A		8	31N	06W	40.00	N	FD		
	B		8	31N	06W	40.00	N	FD		
	G		8	31N	06W	40.00	N	FD		
	H		8	31N	06W	40.00	N	FD		
	I		8	31N	06W	40.00	N	FD		
	J		8	31N	06W	40.00	N	FD		
	O		8	31N	06W	40.00	N	FD		
	P		8	31N	06W	40.00	N	FD		

E0005: Enter data to modify or PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07 BKWD	PF08 FWD	PF09	PF10 LAND	PF11 NXTSEC	PF12 RECONF

CMD :
OG6IPRD

ONGARD
INQUIRE PRODUCTION BY POOL/WELL

11/05/01 15:32:
OGOMES -TP
Page No:

OGRID Identifier : 120782 WILLIAMS PRODUCTION COMPANY, LLC
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
API Well No : 30 45 29899 Report Period - From : 01 2000 To : 08 2001

API Well No	Property Name	Prodn. MM/YY	Days Prod	Production Gas	Volumes Oil	Water	We St
30 45 29899	ROSA UNIT	01 00	31	21439			F
30 45 29899	ROSA UNIT	02 00	29	19704			F
30 45 29899	ROSA UNIT	03 00	31	17147		80	F
30 45 29899	ROSA UNIT	04 00	30	13234		80	F
30 45 29899	ROSA UNIT	05 00	29	10241			F
30 45 29899	ROSA UNIT	06 00	30	8818		80	F
30 45 29899	ROSA UNIT	07 00	31	11321			F

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07 BKWD	PF08 FWD	PF09	PF10 NXTPOOL	PF11 NXTOGD	PF12

CMD :
OG6IPRD

ONGARD
INQUIRE PRODUCTION BY POOL/WELL

11/05/01 15:32:
OGOMES -TP
Page No:

OGRID Identifier : 120782 WILLIAMS PRODUCTION COMPANY, LLC
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
API Well No : 30 45 29899 Report Period - From : 01 2000 To : 08 2001

API Well No	Property Name	Prodn. MM/YY	Days Prod	Production Volumes Gas	Oil	Water	We St
30 45 29899	ROSA UNIT	08 00	31	8237			F
30 45 29899	ROSA UNIT	09 00	30	9529		80	F
30 45 29899	ROSA UNIT	10 00	31	9093			F
30 45 29899	ROSA UNIT	11 00	20	7364		80	F
30 45 29899	ROSA UNIT	12 00	19	7552			F
30 45 29899	ROSA UNIT	01 01	8	6866			F
30 45 29899	ROSA UNIT	02 01	20	8656			F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07 BKWD	PF08 FWD	PF09	PF10 NXTPOOL	PF11 NXTOGD	PF12

CMD :
OG6IPRD

ONGARD
INQUIRE PRODUCTION BY POOL/WELL

11/05/01 15:32:
OGOMES -TP
Page No:

OGRID Identifier : 120782 WILLIAMS PRODUCTION COMPANY, LLC
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
API Well No : 30 45 29899 Report Period - From : 01 2000 To : 08 2001

API Well No	Property Name	Prodn. MM/YY	Days Prod	Production Volumes Gas	Oil	Water	We St
30 45 29899	ROSA UNIT	03 01	21	7369		80	F
30 45 29899	ROSA UNIT	04 01	21	7085		70	F
30 45 29899	ROSA UNIT	05 01	21	6566			F
30 45 29899	ROSA UNIT	06 01	20	7103			F
30 45 29899	ROSA UNIT	07 01	18	6633		80	F
30 45 29899	ROSA UNIT	08 01	17	6231			F

Reporting Period Total (Gas, Oil) : 200188 630

E0049: User may continue scrolling.

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07 BKWD	PF08 FWD	PF09	PF10 NXTPOOL	PF11 NXTOGD	PF12

130946486

New Mexico Oil Conservation Division---Engineering Bureau
Administrative Application Process Documentation

Date Application Received: Nov. 1, 2001

Date of Preliminary Review: Nov. 5, 2001
(Note: Must be within 10-days of received date)

Results: ✓ Application Complete Application Incomplete

Date Incomplete Letter Sent: NA

Deadline to Submit Requested Information: NA

Phone Call Date: NA
(Note: Only applies if requested data is not submitted within the 7-day deadline)

Phone Log Completed? Yes No

Date Application Processed: 11-5-2001

Date Application Returned:
(Note: Only as a last resort & only after repeated attempts by the Division to obtain the necessary information to process the application)