

DATE IN 7-9-09	SUSPENSE	ENGINEER Brooks	LOGGED IN 7-9-09	TYPE NSL	PTGW APP NO. 0919060415
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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



30-039-30778
Rosa Unit #152D
Williams (120782)

ADMINISTRATIVE APPLICATION CHECKLIST

6059

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

R-13123

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.

Print or Type Name

Signature

Title

Date

e-mail Address



RECEIVED OGD

2009 JUL -9 A 11: 03

P. O. Box 640
Aztec, NM 87410

(505) 634-4222

(505) 634-4205 (fax)

Heather.riley@williams.com

July 7, 2009

Mark E. Fesmire
NEW MEXICO OIL CONSERVATION DIVISION
1220 South Saint Francis Drive
Santa Fe, NM 87505

Re: *Request for Administrative Approval of a Non-Standard Basin Mancos and Basin Dakota Location*
Rosa Unit #152D
API # 30-039-30778
BHL: 550' FSL & 450' FWL, Sec. 36, T32N, R6W

Dear Mr. Fesmire:

Williams Production Co., LLC ("Williams"), pursuant to the provisions of Division Rule 104, hereby seeks administrative approval of an unorthodox location for the Basin Mancos (97232) and the Basin Dakota (71599) formations in Rosa Unit Well #152D. This is a vertical well with a bottom hole location of 550' FSL & 450' FWL, Sec. 36, T32N, R6W. This well will be a triple completion in the Mesaverde, Basin Mancos and Basin Dakota formations and is part of the Pilot Project pursuant to Order No. R-13123 which allows for one additional Mesaverde infill well on each standard 320-acre gas proration unit.

Pursuant to Order No. R-12984, spacing requirements allow for up to 4 Basin Mancos wells in a standard spacing unit and for wells inside a federal exploratory unit and in a non-participating spacing unit they shall not be closer than 660 feet to the outer boundary of its spacing unit. Additionally, pursuant to Order No. R-10987-B(2), spacing requirements allow for up to 4 Dakota wells in a standard GPU and they shall be located not closer than 660 feet to the outer boundary of the GPU and not closer than 10 feet to any interior quarter or quarter-quarter section line or subdivision inner boundary. Given these requirements, this location is encroaching to the west (Section 35) by 210 feet and to the south (Section 1 of T32N, R6W) by 110 feet.

Williams intends to capture the reserves from the Mesaverde, Basin Mancos and Dakota formations with a single well bore. Not only will the multiple completion help capture additional reserves that otherwise would not be able to be economically developed, but utilizing a single well bore for a triple completion will also negate the need for additional disturbance of another wellpad, road, and pipeline.

Mark E. Fesmire

July 7, 2009

Page 2 of 2

The bottom hole location was chosen by considering drainage patterns from the existing Mesaverde wells in that spacing unit, i.e. the Rosa Unit #152, #152A, #152B, and #152C. Further, drainage patterns from the other offset Mesaverde wells were also considered. They are the Rosa Unit #034A and #034B in the SE of 36, the Rosa Unit #091A and #091B in the SE of 35 in T32N, R6W, and the Rosa Unit #164, #164A, #164B and #164C in Section 1 of T31N, R6W. See attached drainage map.

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.

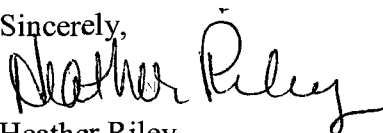
Enclosed for your reference are copies of the Participating Area maps for the Mesaverde and Dakota Formations. All of Sections 35 and 35 of T32N, R6W and Section 1 in T31N, R6W are in the PA in the Mesaverde Formation therefore no setback requirements apply. None of these sections are in a PA in the Dakota formation therefore setback requirements do apply. There is no PA in the Mancos so setback requirements apply in that formation as well.

The offset unit's working interest to the south and to the west are common in both the Mancos and Dakota formations. The mineral interest owners are uncommon but there are no unleased mineral owners therefore notification is not required.

The spacing unit for all three formations is the west half. The other Mesaverde wells in the spacing unit are the Rosa Unit #152, #152A, #152B, and #152C. There are no other Mancos or Dakota wells.

Should you have any questions or concerns, please don't hesitate to contact me at the phone numbers listed above. You can also contact Vern Hansen at our Tulsa office at (918) 573-6169.

Sincerely,



Heather Riley
Regulatory Specialist

Enc.: 1st page of APD
Plat
Drainage Map
PA Maps (MV & DK)
Mineral ownership map

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170C: m lane ITC C: Rysla
C: S. Sigmund
C: D. A. / Sign
State of New Mexico

Energy, Minerals and Natural Resources

Form C-101
Permit 97492

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

RECEIVED

JUN 17 2009

WPX

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address WILLIAMS PRODUCTION COMPANY, LLC ONE WILLIAMS CENTER TULSA, OK 74101		2. OGRID Number 120782
		3. API Number 30-039-30778
4. Property Code 17033	5. Property Name ROSA UNIT	6. Well No. 152D

7. Surface Location

UL - Lot M	Section 36	Township 32N	Range 06W	Lot Idn M	Feet From 550	N/S Line S	Feet From 450	E/W Line W	County RIO ARriba
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8. Pool Information

BLANCO-MESAVERDE (PRORATED GAS)	72319
BASIN DAKOTA (PRORATED GAS)	71599
Basin Mancos	0

Additional Well Information

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 6341
14. Multiple Y	15. Proposed Depth 8215	16. Formation Dakota Formation	17. Contractor	18. Spud Date 7/15/2009
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mls thick Clay <input type="checkbox"/> Pit Volume: bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	14.75	10.75	40.5	300	290	0
Intl	9.875	7.625	26.4	3874	625	0
Prod	6.75	5.5	17	8215	375	3724

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	2000	4000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed Name: Electronically filed by Larry Higgins

Title: Drilling COM

Email Address: larry.higgins@williams.com

OIL CONSERVATION DIVISION

Approved By: Steve Hayden

Title: Geologist

Approved Date: 6/17/2009

Expiration Date: 6/17/2011

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number	'Pool Code 97232 / 72319 / 71599	'Pool Name BASIN MANCOS / BLANCO MESAVERDE / BASIN DAKOTA	
'Property Code 17033	'Property Name ROSA UNIT		'Well Number 1520
'OGRID No. 120782	'Operator Name WILLIAMS PRODUCTION COMPANY		'Elevation 6341'

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
M	36	32N	6W		550	SOUTH	450	WEST	RIO ARRIBA

¹¹Bottom 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 320.0 Acres - (W/2)					¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.		

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

5415.96'

5353.92'

LEASE
STATE E-346

36

LAT: 36.93102 °N
LONG: 107.41516 °W
DATUM: NAD1983

450'

550'

2647.26'

2634.06'

2651.88'

2642.64'

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature _____ Date _____


Printed Name _____

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

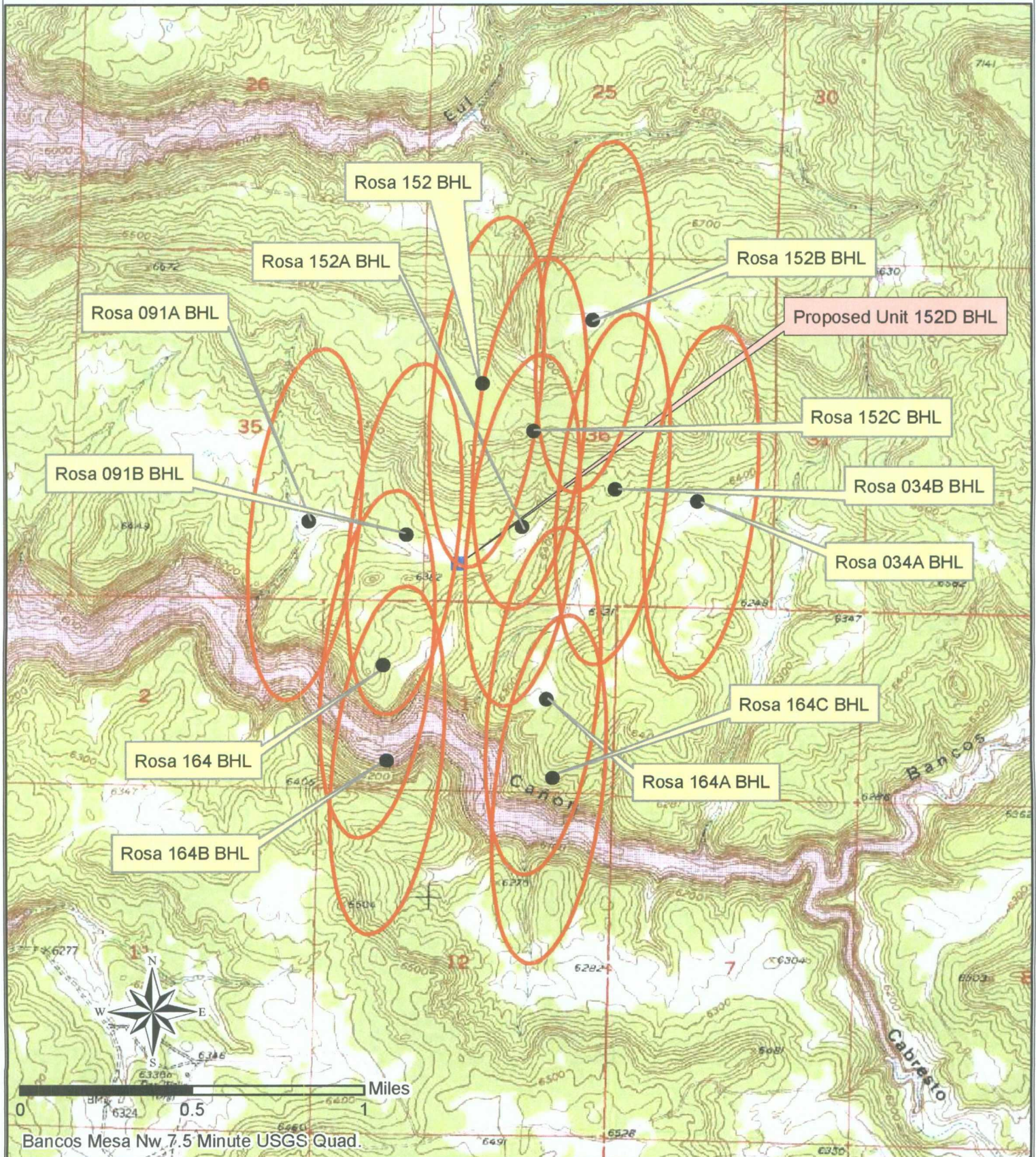
Date of Survey: JUNE 5, 2009

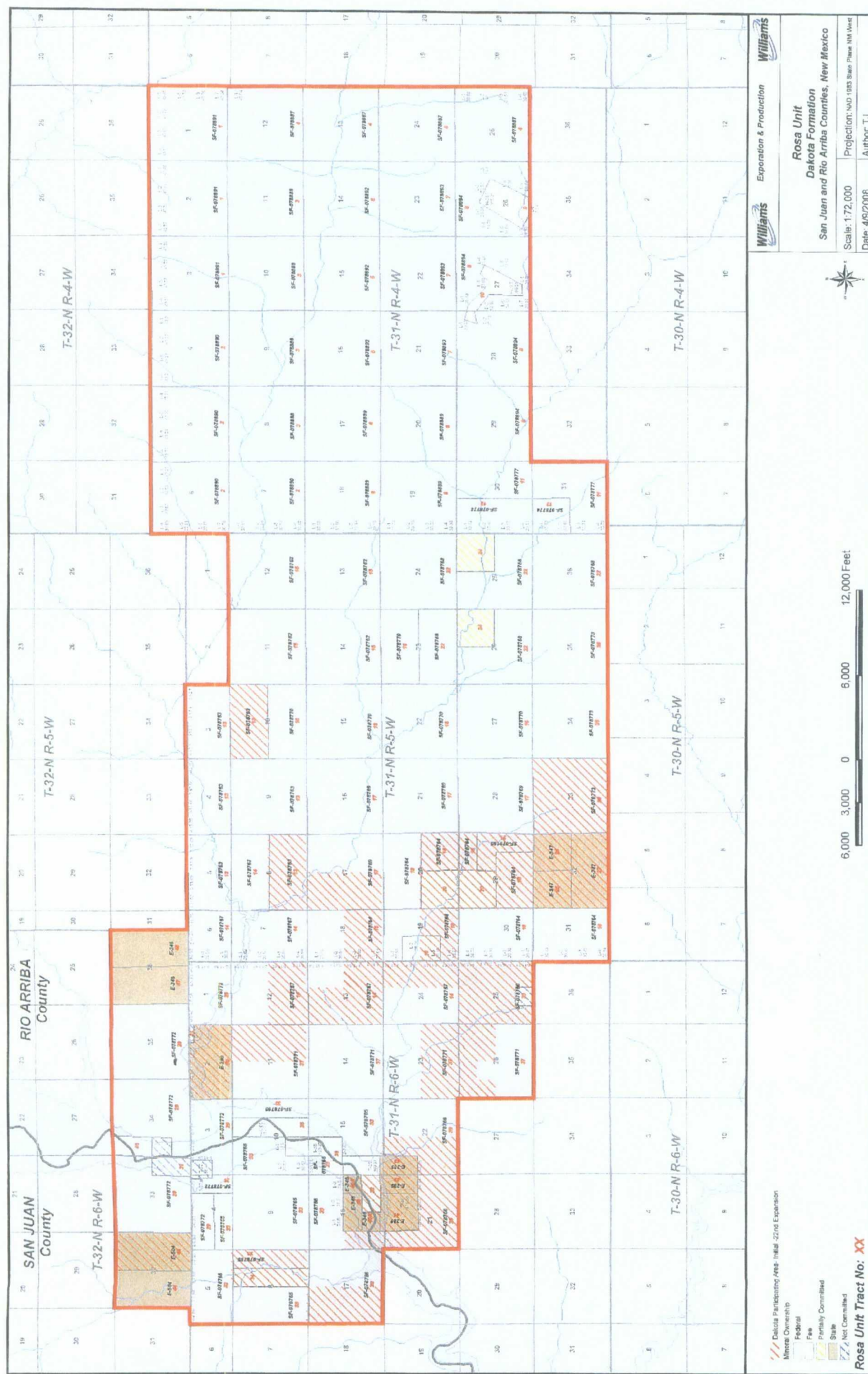
Signature and Seal of Professional Surveyor

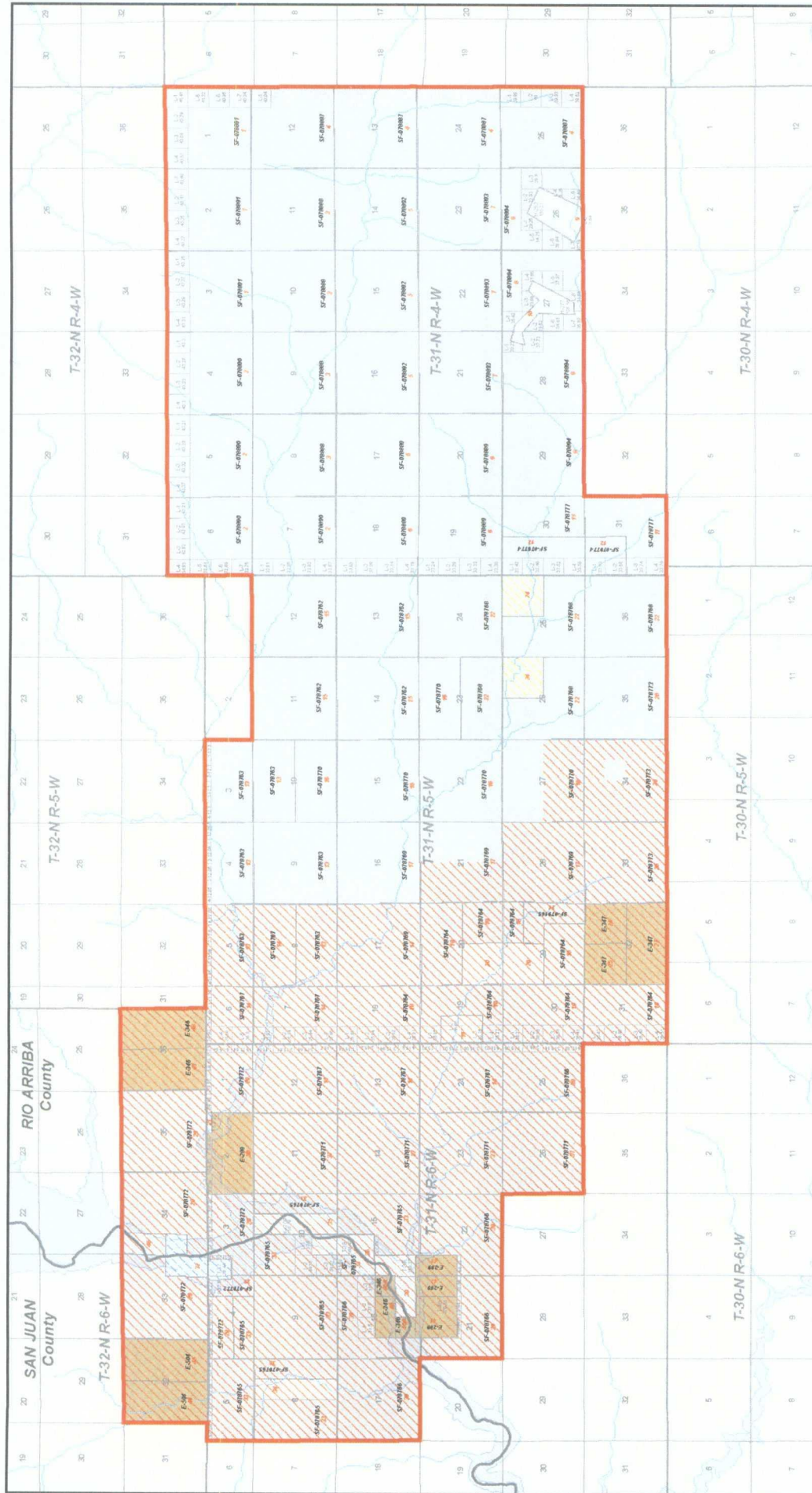


JASON C. EDWARDS
Certificate Number 15269

NSL Application Drainage Map
Williams Production Company, LLC
Proposed Rosa Unit No. 152D
T32N, R06W, Section 36 NMPM
Rio Arriba County, New Mexico







Williams Exploration & Production

Rosa Unit
Mesaverde Formation
San Juan and Rio Arriba Counties, New Mexico

Scale: 1:72,000
Date: 3/7/2007

Projection: NAD 1983 State Plane NM West
Author: SA

Rosa Unit Tract No. XX

Mesaverde Participating Area 28th Expansión

Mineral Ownership

Federal

Private

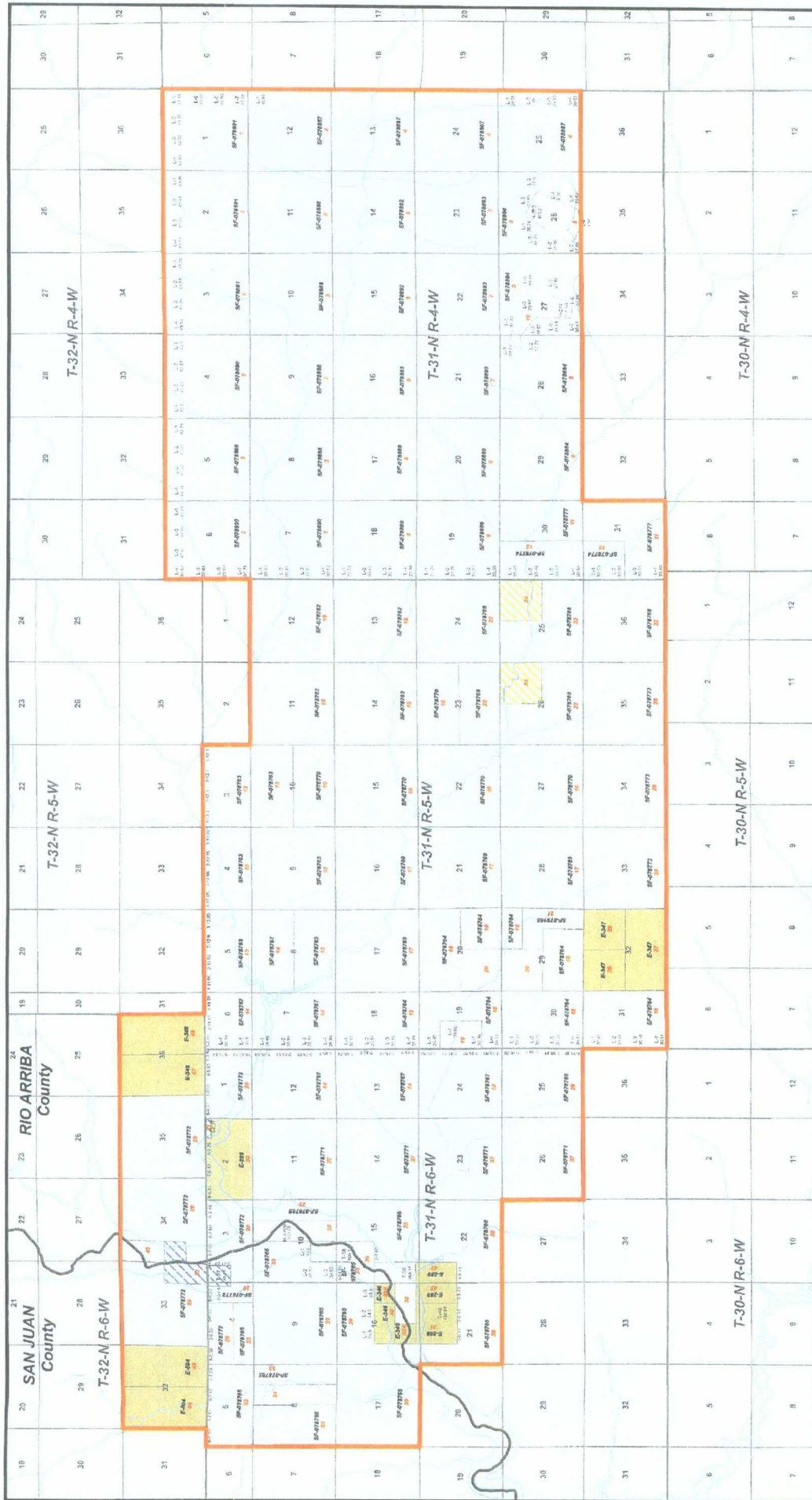
Partially Committed

Size

Not Committed

Map Document: G:\Project\San_Juan\Rosa_Unit\Participating_Area\rosa_unit_m_28.mxd

3/7/2007 - 11:09:57 AM



San Juan and Rio Arriba Counties, New Mexico

Scale: 1:72,000
Projection: NAD 1983 State Plane NM West
Date: 3/5/2008
Author: TJ

Rosa Unit

Williams
Exploration & Production

Mineral Ownership

Federal
Private
Partially Committed
State
Not Committed

Rosa Unit Tract No. XX

Map Document: (G:\Projects\San_Juan\Rose_Unit\rose_unit.mxd)
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