

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 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-101
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

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

¹ Operator Name and Address. Williams Production Company, LLC c/o Walsh Engineering 7415 E. Main Street Farmington, NM 87401		² OGRID Number 120782
		³ AP Number 30-039-26969
⁴ Property Code 17033	⁵ Property Name Rosa Unit	⁶ Well No. 34C

⁷ Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	36	32N	6W	se ne	2270'	North	665'	East	Rio Arriba

⁸ Proposed 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
⁹ Proposed Pool 1 Blanco Mesaverde					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 5441'
¹⁶ Multiple No	¹⁷ Proposed Depth 6148'	¹⁸ Formation Mesaverde	¹⁹ Contractor Aztec Well Service	²⁰ Spud Date When Permitted

²¹ Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	9-5/8"	36 ppf	250'	140 sx	Surface
8-3/4"	7"	20 ppf	3703'	425 sx & 165 sx	Surface
6-1/4"	4-1/2"	10.5 ppf	6148'-3603' (liner)	100 sx & 100 sx	~3603'

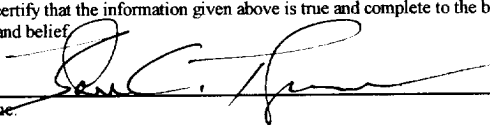
²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Williams proposes to drill a vertical well w/ a 12-1/4" surface hole w/ water & benex to approx. 250' and set 9-5/8", 36#, K-55 casing, cement to surface w/ ~140 sx (180 cu.ft.) of Type III, w/ 2% CaCl2 & 1/4# of CF. Will then drill a 8-3/4" hole to approx. 3703' w/ clear water & Benex. and set 7", 20#, K-55 casing, cement w/ 425 sx (832 cu.ft.) of 65/35 Type III/Poz w/ 8% gel, 1% CaCl2 & 1/4#sx CF. Tail w/ 165 sx (231 cu.ft.) of Type III w/ 1/4#sx CF & 1% CaCl2. Cement volumes calculated to circulate cement to surface. Will then drill 6-1/4" hole to TD @ approx 6148' w/ air. Run open hole surveys. Set 4-1/2", 10.5#, K-55 casing and cement w/ 100 sx (202 cu.ft.) of Premium Light HS w/ 1% FL-52, 0.3% CD-32 & 2% KCl. Tail w/ 100 sx (198 cu.ft.) of Premium Light HS, 1% FL-52, 0.3% CD-32, 2% KCl, 0.25#/sk CF & 4% Phenoseal. Cement volume calculated to bring TOC to cover liner top at approx. 3603'. After 9-5/8" surface is set a 2M (double ram) blowout preventer will be installed & pressure tested to 1500 psi. A 2" kill line & 2" line to a choke manifold will also be installed.

Will test the Mesaverde through perforated casing. Will fracture stimulate the Mesaverde in 2 stages. A RBP will isolate the PLO from the Menefee/CH zones during the stimulations. If productive, the Mesaverde will be produced thru thru 2-3/8" tbg.

Geologic Tops: Ojo Alamo - 2463', Kirtland - 2583', Fruitland - 3033', Pictured Cliffs - 3228', Lewis - 3553', Cliff House 5173', Menefee - 5528', Point Lookout - 5698', Mancos 6008'

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: 

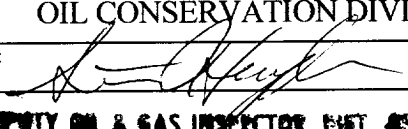
Printed name:
John C. Thompson

Title:
Agent / Engineer

Date:
4/10/02

Phone:
505-327-4892

OIL CONSERVATION DIVISION

Approved by: 

Title:
DEPUTY OIL & GAS INSPECTOR, ENST. JS

Approval Date:
APR 11 2002

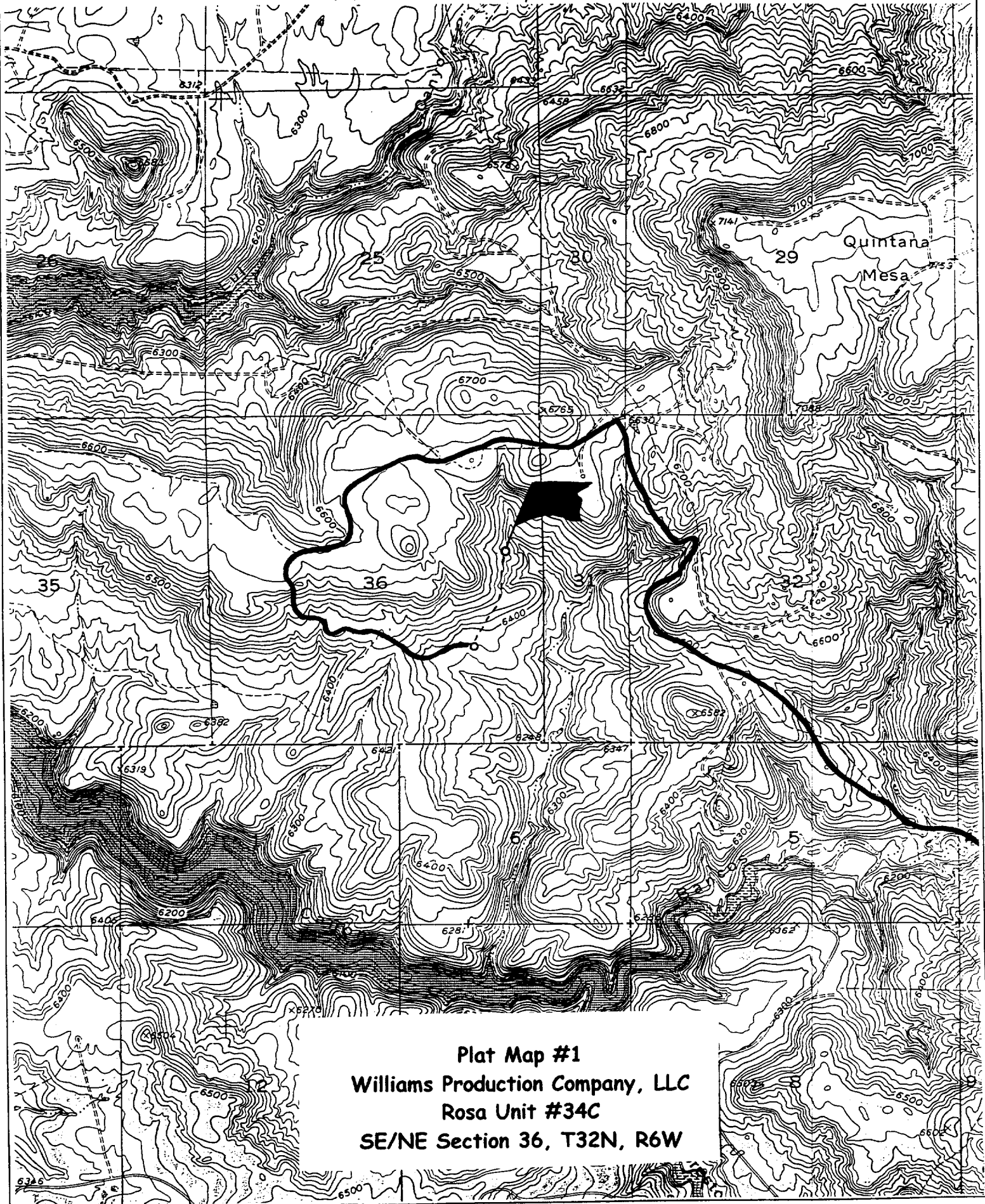
Expiration Date:
APR 11 2003

Conditions of Approval:
Attached ☐

WILLIAMS PRODUCTION COMPANY ROSA UNIT #34C

2270' FNL & 665' FEL, SECTION 36, T32N, R6W, N.M.P.M.

RIO ARriba COUNTY, NEW MEXICO



Plat Map #1

Williams Production Company, LLC

Rosa Unit #34C

SE/NE Section 36, T32N, R6W



LTR



Job separation sheet

Submit 3 Copies
To Appropriate
District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
811 South First, Artesia NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

WELL API NO.

30-039-26969

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
E-346-33

7. Lease Name or Unit Agreement
Name:

ROSA UNIT

8. Well No.

34C

9. Pool name or Wildcat

BLANCO MV

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH
PROPOSALS

1. Type of Well:

Oil Well ☐

Gas Well ☒

Other ☐

2. Name of Operator

WILLIAMS PRODUCTION COMPANY

3. Address of Operator

P O BOX 3102, MS 25-1, TULSA, OK 74101

4. Well Location (Surface)

Unit letter H : 2270 feet from the NORTH line & 665 feet from the EAST line Sec 36-32N-6W RIO ARRIBA, NM

10. Elevation (Show whether DF, RKB, RT, GR, etc.
6441' GR

Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL
WORK

PLUG AND ABANDON

REMEDIAL WORK

ALTERING CASING

TEMPORARILY ABANDON

CHANGE PLANS

COMMENCE DRILLING OPNS. Spud

PLUG AND
ABANDONMENT

PULL OR ALTER CASING

CASING TEST AND CEMENT JOB

OTHER:

OTHER:

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103.

This well was spud @ 2215 hrs 04/26/02

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

SIGNATURE

Tracy Ross

TITLE:

PRODUCTION ANALYST

DATE:

April 29, 2002

Type or print name

TRACY ROSS

Telephone No: (918) 573-6254

(This space for State of New Mexico Seal)

DEPUTY OIL & GAS

APPROVED BY

TITLE

MAY - 6

Conditions of approval, if any: