

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | |
|--|----------------|--|---------------|
| 1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. SF- 078767 | |
| 1b. TYPE OF WELL OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE <input checked="" type="checkbox"/> MULTIPLE <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input checked="" type="checkbox"/> ZONE <input checked="" type="checkbox"/> ZONE <input type="checkbox"/> | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME UNIT AGREEMENT NAME Rosa Unit 17033 | |
| 2. NAME OF OPERATOR Williams Production Company | | 8. FARM OR LEASE NAME 30-039-26068 | |
| 3. ADDRESS OF OPERATOR c/o Walsh Engineering 7415 E. Main St., Farmington, NM 87402 (505) 327-4892 | | 9. WELL NO. 30A | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface 790' FSL and 790' FWL At proposed Prod. Zone | | 10. FIELD AND POOL OR WILDCAT Blanco Mesa Verde | |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 25 miles NE of Blanco, NM | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 12, T31N, R6W | |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 790' | | 12. COUNTY OR PARISH Rio Arriba | |
| 16. NO. OF ACRES IN LEASE 2518.84 | | 13. STATE NM | |
| 17. NO. OF ACRES ASSIGNED TO THIS WELL 271.4 | | 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. 2600' | |
| 19. PROPOSED DEPTH 6165 | | 20. ROTARY OR CABLE TOOLS Rotary | |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6388' GR | | 22. APPROX. DATE WORK WILL START* April 1999 | |
| 23. PROPOSED CASING AND CEMENTING PROGRAM | | | |
| SIZE OF HOLE | SIZE OF CASING | WEIGHT/FOOT | SETTING DEPTH |
| 12-1/4" | 9-5/8" | 36# | 250' |
| 8-3/4" | 7" | 20# | 3680' |
| 6-1/4" | 4-1/2" | 10.5# | 3580' - 6165' |
| QUANTITY OF CEMENT | | | |
| 157 cu.ft. Cl "H" with 2% CaCl ₂ | | | |
| 870 cu.ft. 65/35 poz & 207 cu.ft. 50/50 poz | | | |
| 113 cu.ft. 50/50 poz & 338 cu.ft. 50/50 poz | | | |

Williams Production Company proposes to drill a vertical well to develop the Mesa Verde formation at the above described location in accordance with the attached drilling and surface use plans.

This location has been archaeologically surveyed by Moore Anthropological Research. Copies of their report have been submitted directly to your office.

This APD also is serving as an application to obtain BLM road and pipeline right-of-ways. This well will be accessed by the main Rosa Road. The Rosa Road continues SE for 24 miles where it joins the Sims Mesa Highway.

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Paul C. Thompson TITLE Paul C. Thompson, Ager DATE 1/12/99

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE MAR 01 1999

Application approval 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.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY /s/ Duane W. Spencer TITLE Team Lead, Petroleum Management DATE MAR - 2 1999

See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, 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.

CF @

NMOC

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

District II
PO Drawer 00, 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

Form C-102
Revised February 21, 1994

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

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

99 JAN 14 PM 12:38 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|--------------------------------|---|---------------------------------|
| *API Number 30-039-26068 | *Pool Code 72319 | *Pool Name Blanco Mesa Verde |
| *Property Code 008480 17033 | *Property Name ROSA UNIT | *Well Number 30A |
| *OGRIID No. 120782 | *Operator Name WILLIAMS PRODUCTION COMPANY | *Elevation 6388 |

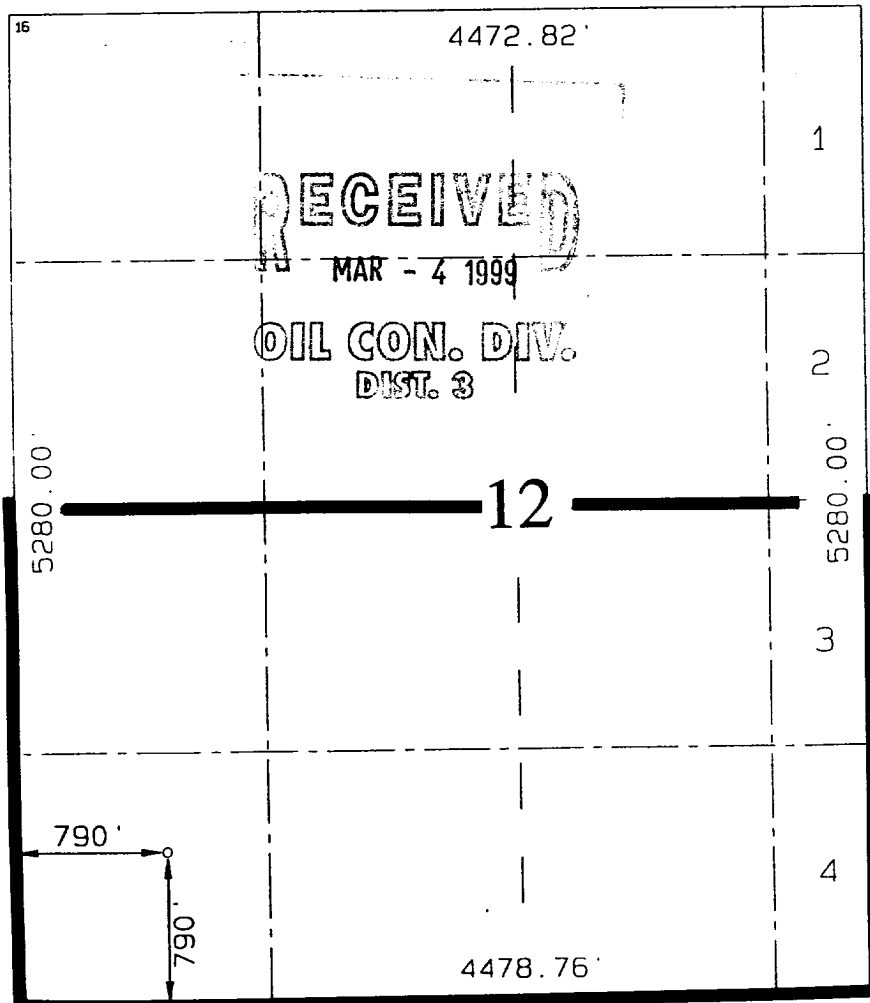
10 Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|------------|
| M | 12 | 31N | 6W | | 790 | South | 790 | West | RIO ARriba |

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 271.4 | | 13 Joint or Infill I | | 14 Consolidation Code U | | 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



17 OPERATOR CERTIFICATION

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

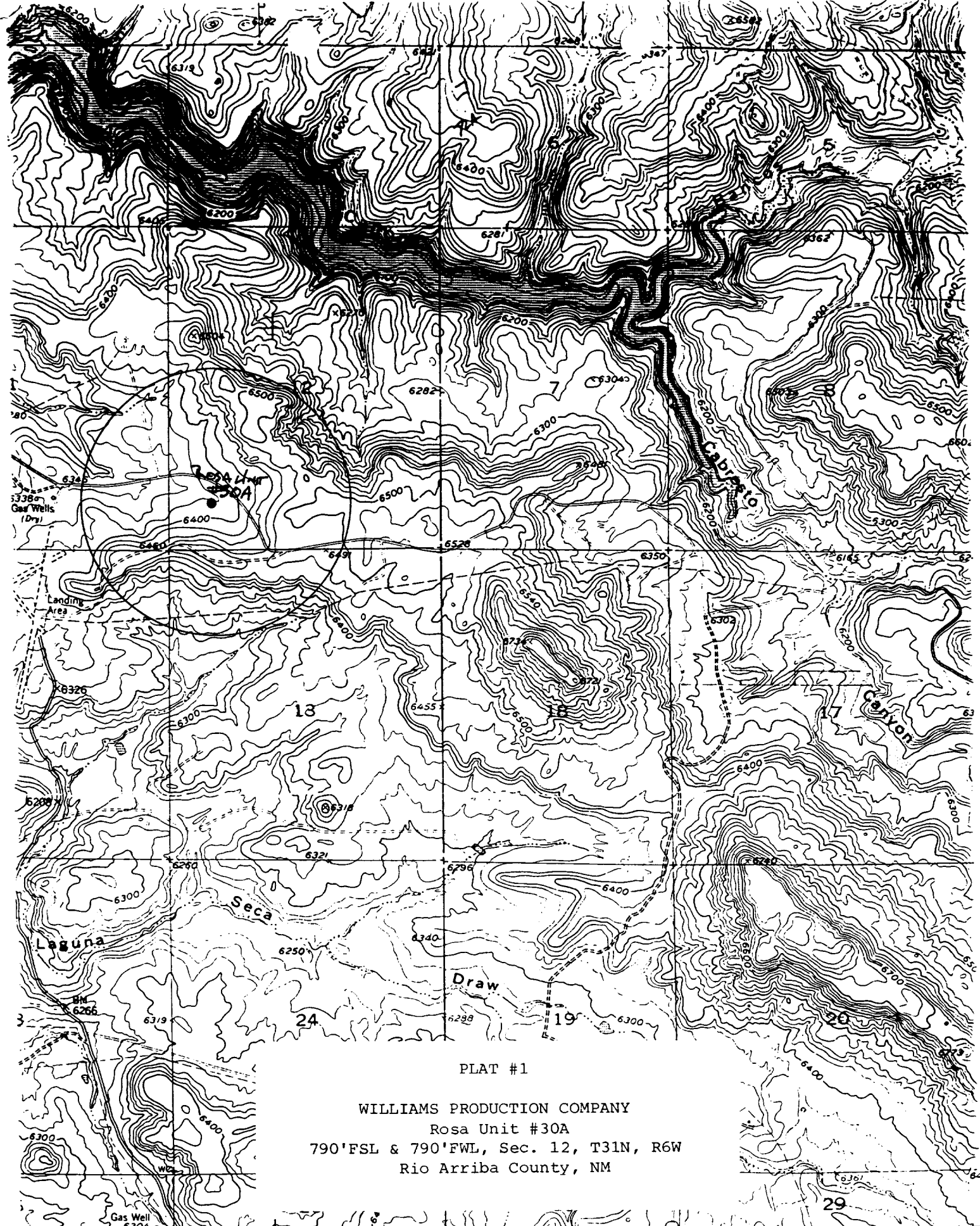
Paul C. Thompson
Signature
Paul C. Thompson
Printed Name
Agent
Title
1/12/99
Date

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

NOVEMBER 13, 1997
Date of Survey
Signature and Seal of Professional Surveyor

NEALE C. EDWARDS
NEALE C. EDWARDS
NEW MEXICO
6857
8857
Certificate No. 8857
Professional Surveyor



PLAT #1

WILLIAMS PRODUCTION COMPANY
Rosa Unit #30A
790'FSL & 790'FWL, Sec. 12, T31N, R6W
Rio Arriba County, NM

20 MI TO U.S. 64 25' 285 R 6 W R 5 W INTERIOR GEOLOGICAL SURVEY, RESTON VIRGINIA - 1:63,000 FEET (WEST) 288000m E