

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

99 MAY 25 AM 7:50

LEASE DESIGNATION AND SERIAL NO.

SF-078894

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK, NM

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		7. UNIT AGREEMENT NAME Rosa Unit	
1b. TYPE OF WELL OIL <input type="checkbox"/> WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. FARM OR LEASE NAME, WELL NO. 505	
2. NAME OF OPERATOR Williams Production Company		9. API WELL NO. 30-039-26189	
3. ADDRESS OF OPERATOR c/o Walsh Engineering, 7415 E. Main St. Farmington, NM 87402 (505) 327-4892		10. FIELD AND POOL OR WILDCAT 31N4W28L; Ojo Alamo	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At Surface 1595' FSL and 215' FWL At proposed Prod. Zone		11. SEC., T., R., M., OR BLK AND SURVEY OR AREA Sec. 28, T31N, R4W	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 35 miles NE of Blanco, NM		12. COUNTY OR PARISH Rio Arriba	13. STATE NM
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 215'	16. NO. OF ACRES IN LEASE 2284.16	17. NO. OF ACRES ASSIGNED TO THIS WELL 160	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. 110'	19. PROPOSED DEPTH 3085'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6691' GR		22. APPROX. DATE WORK WILL START* June 1999	
23. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
8-3/4"	7"	20# K-55	300'
6-1/4"	4-1/2"	10.5# K-55	3085'
		QUANTITY OF CEMENT	
		129 cu ft. Cl "B" w/ 3% CaCl ₂	
		435 cu ft. Cl "B" 65/35 poz w/ 10% gel, 2% CaCl ₂	
		119 cu ft Cl "B", 2% CaCl ₂	

Williams Production Company proposes to drill a vertical well to develop the Ojo Alamo 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 an existing road which crosses the N/W of Sec. 28, E/2 of Sec 29, and NE/NE of Sec 32, T31N, T31N, R4W where it connects to Forest Road 309. The pipeline route is described on Plat #4

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.

SIGNED Paul C. Thompson TITLE Paul Thompson, Agent DATE 5/20/99

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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 AUG - 3 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.

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

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

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

OIL CONSERVATION DIVISION

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

PO Box 2088
Santa Fe, NM 87504-2088

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

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-26189	*Pool Code 96957	*Pool Name 31N4W28L; Ojo Alamo
*Property Code 17033	*Property Name ROSA UNIT	*Well Number 505
*GRID No. 120782	*Operator Name WILLIAMS PRODUCTION COMPANY	*Elevation 6691'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot ID#	Feet from the	North/South line	Feet from the	East/West line	County
L	28	31N	4W		1595	SOUTH	215	WEST	RIO ARriba

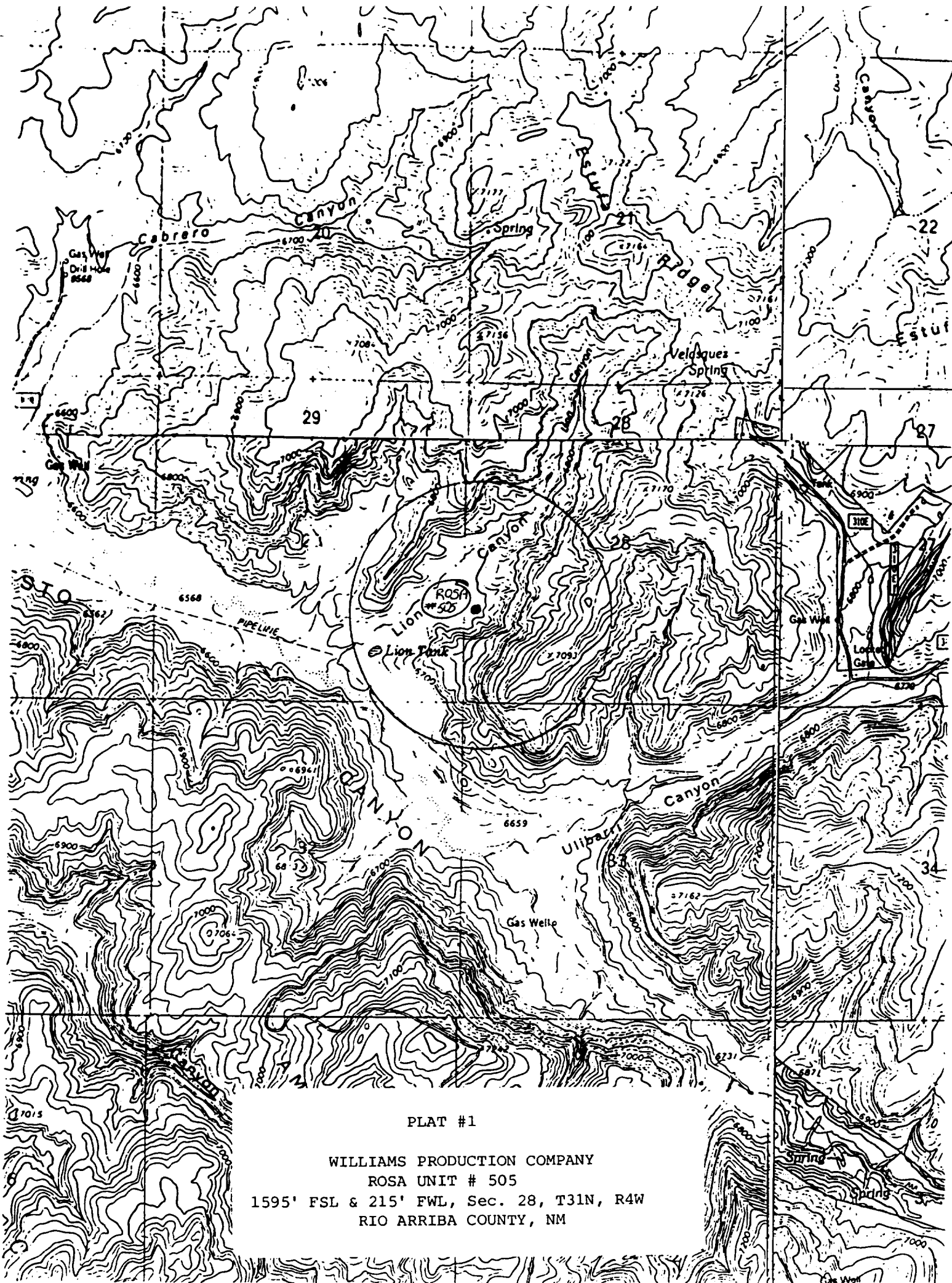
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot ID#	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 160		13 Joint or Infill Y		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

16	5280.00'	LOT 1	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature Paul C. Thompson Printed Name Paul C. Thompson Title Agent Date 5-24-99
		LOT 2	
28			
5280.00'			
215'			
1595'			
5281.98'			

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AUG 05 1999
OIL CON. DIV.
DIST. 3



PLAT #1

WILLIAMS PRODUCTION COMPANY
ROSA UNIT # 505
1595' FSL & 215' FWL, Sec. 28, T31N, R4W
RIO ARRIBA COUNTY, NM