

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

C198
87

Form C-101
Revised October 18, 199
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 ARCO PERMIAN P.O. BOX 1610 MIDLAND, TX 79702		² OGRID Number 000990
		³ API Number 30-0 15-30333
⁴ Property Code 22954	⁵ Property Name WASHINGTON "33" STATE	⁶ Well No. 23

⁷ Surface Location									
UL or lot no. M	Section 33	Township 17S	Range 28E	Lot. Idn	Feet from the 975	North/South Line SOUTH	Feet from the 1060	East/West line WEST	County EDDY

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 ARTESIA; GLORIETA-YESO 96830					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3671'
¹⁶ Multiple NO	¹⁷ Proposed Depth 4200	¹⁸ Formation YESO	¹⁹ Contractor	²⁰ Spud Date 11/98

²¹ Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4	8-5/8	24#	500'	450	CIRC. TO SURE
7-7/8	5-1/2	15.5#	4200'	1200	CIRC. TO SURE
18 Hours	WCC				

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.

DRILL SURFACE HOLE W/FRESH WATER TO 500'. SET & CEMENT 8-5/8" CASING.
DRILL 7-7/8" HOLE TO 2000; W/SATURATED BRINE. DRILL 4200' TD W/ SACT GEL
USING PRE-HYDRATED FW GEL SWEEPS, FL +/- 15CC. LOG WELL, RUN & CEMENT
5-1/2" CASING. COMPLETE AND TEST YESO FORMATION.

SUBJECT WELL PLANNED AS A 4200' STRAIGHT HOLE.
3000 PSI BOPE WILL BE USED FROM 500' TO TD.

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

Signature: Laurie Cherry
Printed name: LAURIE CHERRY

Title: REG/COMP. ASST.

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR B67

Title:

Approval Date: 10-26-98 Expiration Date: 10-26-99

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-30333	Pool Code 96830	Pool Name ARTESIA; GLORIETA-YESO
Property Code 22954	Property Name WASHINGTON 33 STATE	Well Number 23
OGRID No. 000990	Operator Name ARCO PERMIAN	Elevation 3671'

Surface Location

UL or lot No. M	Section 33	Township 17 S	Range 28 E	Lot Idn	Feet from the 975	North/South line SOUTH	Feet from the 1060	East/West line WEST	County EDDY
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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
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Dedicated Acres 40	Joint or Infill	Consolidation Code	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

				OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <u>Laurie Cherry</u> Printed Name: <u>LAURIE CHERRY</u> Title: <u>REC/COMP.</u> Date: <u>10-21-98</u>	
				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. MARCH 3, 1998 Date Surveyed: <u>3-05-98</u> Signature & Seal of Professional Surveyor: <u>Ronald J. Eidson</u> Certificate No.: <u>3239</u> Professional Surveyor: <u>RONALD J. EIDSON</u> CDG: <u>12641</u>	