

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

Form C-101
Revised October 18, 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 ARCO PERMIAN P.O. BOX 1610 MIDLAND, TX 79702		² OGRID Number 000990
		³ API Number 30-015-30299
⁴ Property Code 22954	⁵ Property Name WASHINGTON "33" STATE	⁶ Well No. 1

⁷ Surface Location									
UL or lot no. A	Section 33	Township 17S	Range 28E	Lot. Idn	Feet from the 200	North/South Line NORTH	Feet from the 380	East/West line EAST	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 (O-G-SA) 3230					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 3680'
¹⁶ Multiple NO	¹⁷ Proposed Depth 3100	¹⁸ Formation SAN ANDRES	¹⁹ Contractor	²⁰ Spud Date 4/98

²¹ Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4 WOC	8-5/8	24#	500'	450	CIRC. TO SURF.
7-7/8	5-1/2	15.5#	3100	1200	CIRC. TO SURF.

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 3100' TD W/ SACT GEL
USING PRE-HYDRATED FW GEL SWEEPS, FL +/- 15CC. LOG WELL, RUN & CEMENT
5-1/2" CASING. COMPLETE AND TEST SAN ANDRES FORMATION.

SUBJECT WELL PLANNED AS A 3100' STRAIGHT HOLE.
3000 PSI BOPE WILL BE USED FROM 500' TO TD.

NSL-4007 APP. 4-16-98

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: Laurie Cherry	OIL CONSERVATION DIVISION	
Printed name: LAURIE CHERRY	Approved by: Jim W. Keen B.C.A.	
Title: REG./COMP. ASST.	Title: District Supervisor	
	Approval Date: 6-17-98	Expiration Date: 6-17-99

125 - 4001 496. 4-16-08

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

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

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

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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name ARTESIA (Q-G-SA)
Property Code	Property Name WASHINGTON 33 STATE	Well Number 1
OGRID No. 000990	Operator Name ARCO PERMIAN	Elevation 3680'

Surface Location

UL or lot No. A	Section 33	Township 17 S	Range 28 E	Lot Idn	Feet from the 200	North/South line NORTH	Feet from the 380	East/West line EAST	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
Dedicated Acres 40	Joint or Infill	Consolidation Code	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

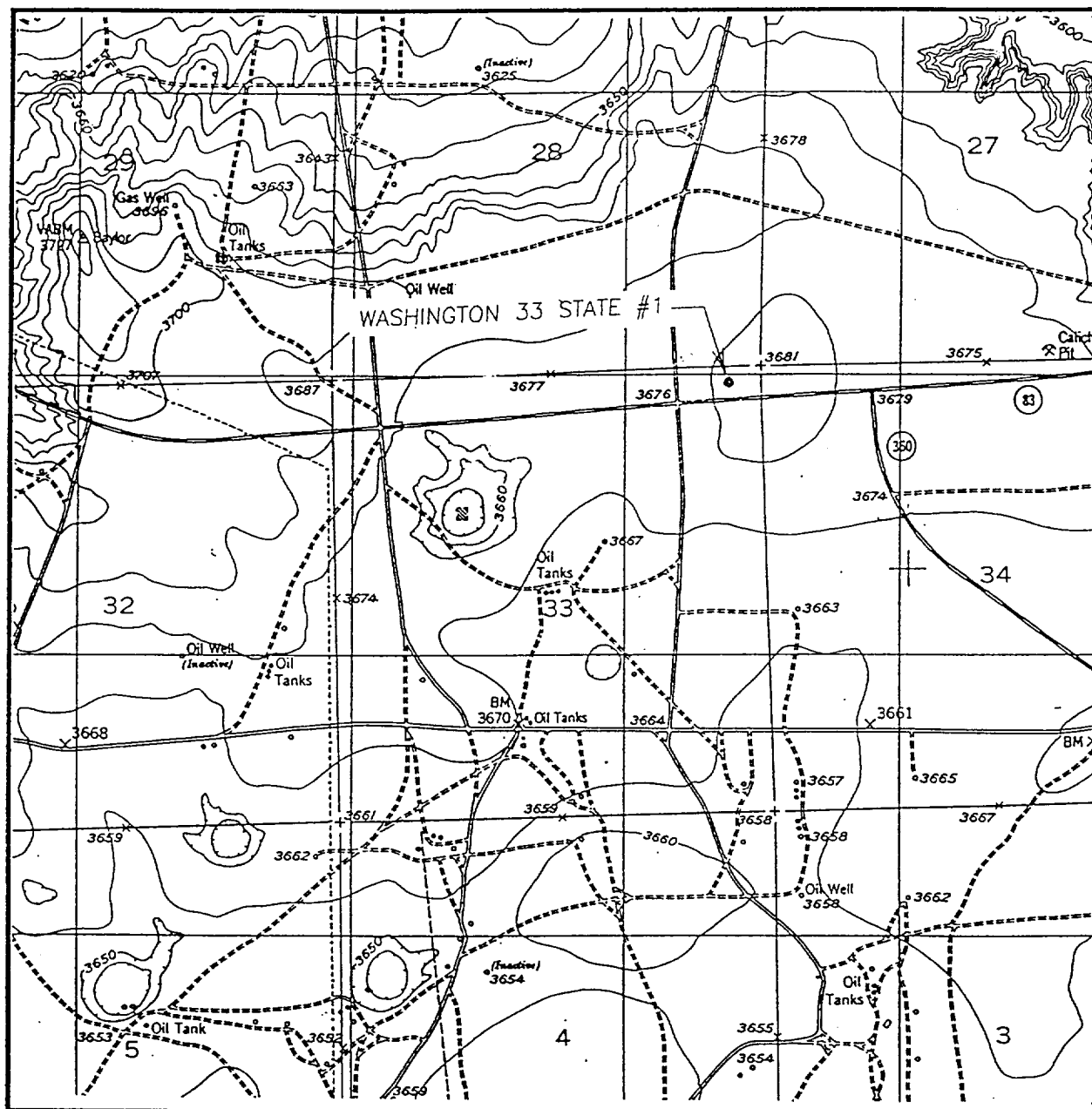
	OPERATOR CERTIFICATION	
	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
	Signature LAURIE CHERRY	
	Printed Name REG. /COMP.	
Title 6-16-98		
Date		
SURVEYOR CERTIFICATION		
I hereby certify that the well location shown on this plat 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.		
FEBRUARY 25, 1998		
Date Surveyed		
Signature and Seal of Professional Surveyor RONALD C. EDSON		
Certificate No. 3239		
Date of Survey 198-11-0344		
Professional Surveyor 12641		

This is a detailed topographic map of a region in Washington State, showing a grid of land parcels, roads, and geographical features. The map includes labels for "WASHINGTON 33 STATE #1", "ARTESIA", "CHALK BLUFFS", "Red Lake", "Vandergriff Kerill", "Canyon", "Hart", "Logan", "Chalk Bluff Spring", "Kaiser Lake", "FAP 28", "62", and "360". The map is overlaid with a grid of numbers (1, 6, 7, 12, 13, 18, 19, 24, 26) and various symbols representing roads, water bodies, and land parcels.

SEC. 33 TWP. 17-S RGE. 28-E
SURVEY N.M.P.M.
COUNTY EDDY
DESCRIPTION 200' FNL & 380' FEL
ELEVATION 3680'
OPERATOR ARCO PERMIAN
LEASE WASHINGTON 33 STATE

**JOHN WEST ENGINEERING
HOBBS, NEW MEXICO
(505) 393-3117**

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL - 10'

SEC. 33 TWP. 17-S RGE. 28-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 200' FNL & 380' FEL

ELEVATION 3680'

OPERATOR ARCO PERMIAN

LEASE WASHINGTON 33 STATE

U.S.G.S. TOPOGRAPHIC MAP

RED LAKE, NM

**JOHN WEST ENGINEERING
HOBBS, NEW MEXICO**

(505) 393-3117



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87506
(505) 827-7131

April 16, 1998

RECEIVED

APR 23 1998

REGULATOR

ARCO Permian
P. O. Box 1610
Midland, Texas 79702-1610
Attention: Elizabeth A. Casbeer

Administrative Order NSL-4007

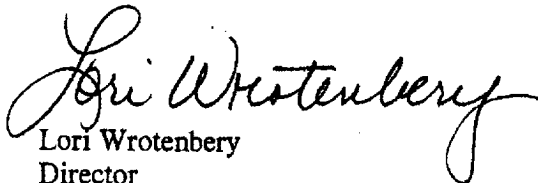
Dear Ms. Casbeer:

Reference is made to your initial application dated March 10, 1998, with supplemental information submitted by facsimile on April 16, 1998, for an unorthodox oil well location in the Artesia Queen-Grayburg-San Andres Pool for the proposed Washington "33" State Well No. 1 to be drilled 200 feet from the North line and 380 feet from the East line (Unit A) of Section 33, Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico. The NE/4 NE/4 of said Section 33 is to be dedicated to said well in order to form a standard 40-acre oil spacing and proration unit for said pool.

The subject application has been duly filed under the provisions of Rule 104.F of the General Rules and Regulations of the New Mexico Oil Conservation Division ("Division").

By the authority granted me under the provisions of Division General Rule 104.F(2), the above-described unorthodox oil well location is hereby approved.

Sincerely,


Lori Wrotenberg
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Artesia
New Mexico State Land Office - Santa Fe

org: Vaughn - M10 19

cc: Pearey, D - M10 23

Murphy - EUN

Cherry