

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-101
Revised October 18, 1994

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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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 30-015-30188		⁴ Property Code 22954
⁵ Property Name WASHINGTON "33" STATE		⁶ Well No. 4

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
B	33	17S	28E		990	NORTH	2270	EAST	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 WILDCAT (YESO)					¹⁰ Proposed Pool 2 ARTESIA (Q-G-SA)				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3672'
¹⁶ Multiple NO	¹⁷ Proposed Depth 4200	¹⁸ Formation YESO	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	8-5/8	24#	500'	450	CIRC. TO SURF.
7-7/8	5-1/2	15.5#	4200	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 TO 4200' W/SALT GEL
USING PRE-HYDRATED FW GEL SWEEPS, FL +/- 15 CC. 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.

Posted ID-1
N/L & ART
4-10-98

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

Signature: *Elizabeth A. Casbeer*

Printed name: ELIZABETH A. CASBEER

Title: REG/COMP ANALYST

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY TIM W. GUN

Title: DISTRICT II SUPERVISOR

Approval Date: 4-2-98 Expiration Date: 4-2-99

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

			<p>10</p>
06			
07	09	011	013
08	010		014
021			
022			

OPERATOR CERTIFICATION

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

Elizabeth A. Casbeer
 Signature

ELIZABETH A. CASBEER
 Printed Name

REG/COMP. ANALYST
 Title

3/23/98
 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 CDG

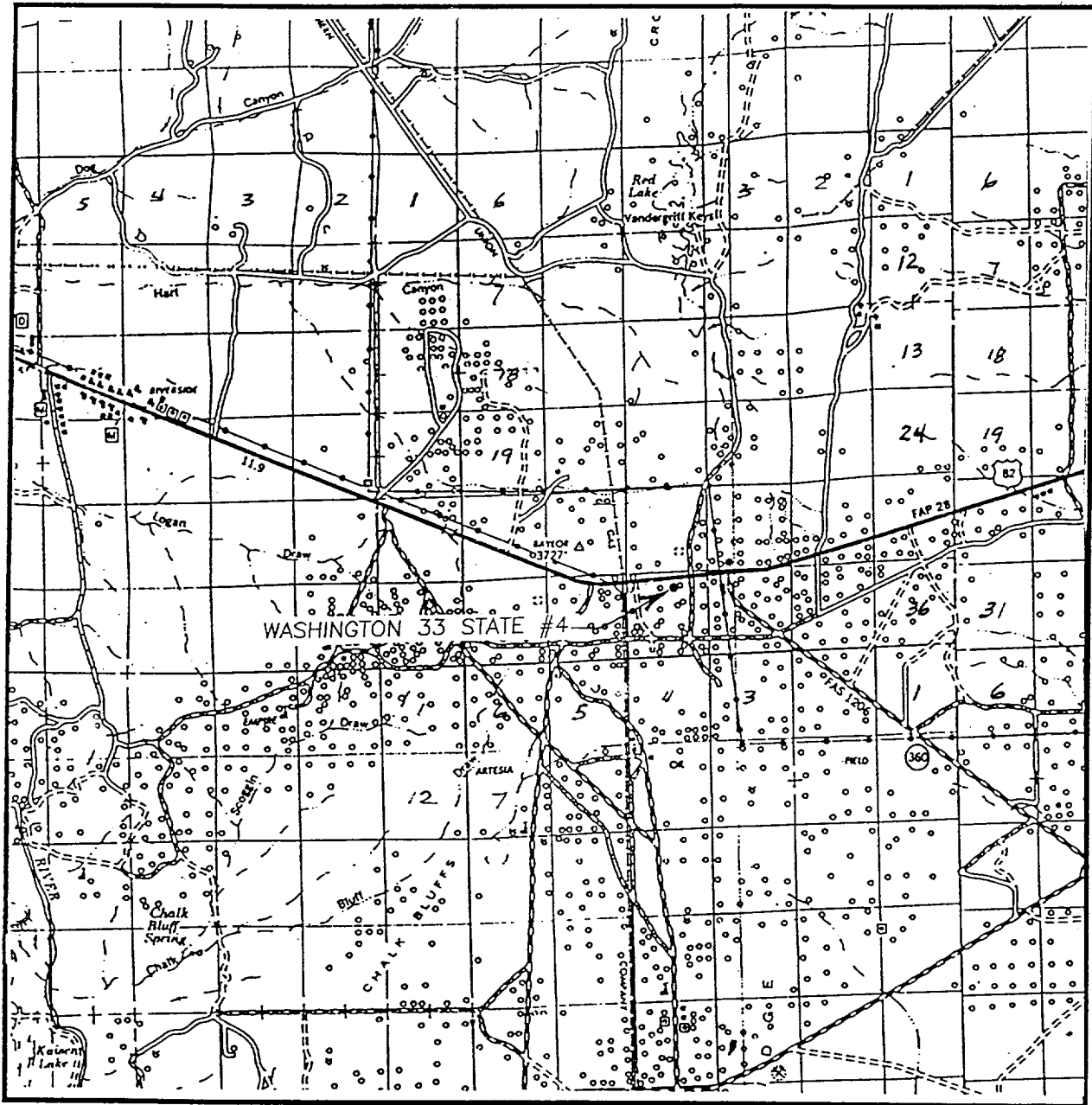
Signature & Seal of Professional Surveyor

Ronald D. Tidson 3-03-98

98-11-0347

Certificate No. RONALD D. TIDSON 3239
 CARY TIDSON 12641

VICINITY MAP



SCALE: 1" = 2 MILES

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

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 990' FNL & 2270' FEL

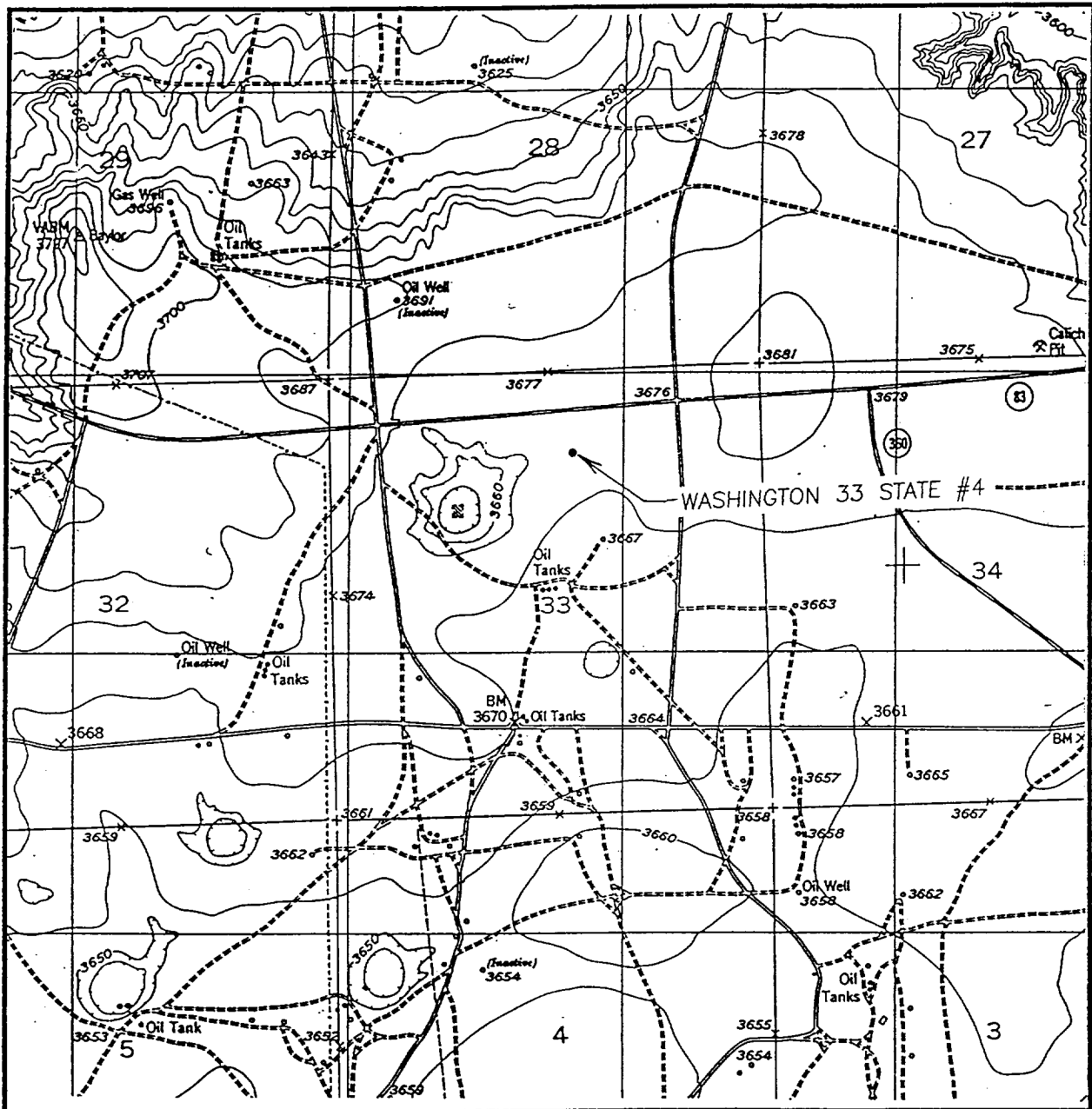
ELEVATION 3672'

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 990' FNL & 2270' FEL

ELEVATION 3672'

OPERATOR ARCO PERMIAN

LEASE WASHINGTON 33 STATE

U.S.G.S. TOPOGRAPHIC MAP

RED LAKE, NM

JOHN WEST ENGINEERING
HOBBS, NEW MEXICO
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