

DISTRICT I
P.O. Box 1970, Hobbs, NM 88241-1980

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

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

DISTRICT IV
P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Depart

OIL CONSERVATION DIVISION

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

Form C-101

Revised February 10, 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 TEXACO EXPLORATION & PRODUCTION INC. 205 E. Bender, HOBBS, NM 88240		² OGRID Number 022351
		³ API Number 30 025 31875
⁴ Property Code 11125	⁵ Property Name VACUUM GLORIETA WEST UNIT	⁶ Well No. 108

⁷ Surface Location

UI or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
P	36	17-SO	34-EA		213	South	351	EAST	LEA

EST P 36 17-S 34E 78 FSL 748 FEL LEA

UI or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
AST M	31	17-S	35E		375	FSL	227	FUL	LEA

⁹ Proposed Pool 1
Vacuum Glorieta unitized interval

¹⁰ Proposed Pool 2
Vacuum Glorieta unitized interval

¹¹ Work Type Code P	¹² Well Type Code I	¹³ Rotary or C.T. R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation GR-3986', KB-4000'
¹⁶ Multiple No	¹⁷ Proposed Depth 6325'	¹⁸ Formation Upper Paddock	¹⁹ Contractor Phoenix	²⁰ Spud Date 3/1/98

²¹ Proposed Casing and Cement Program

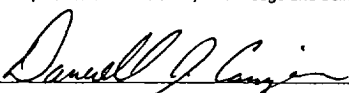
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11	8 5/8	24#	1475'	CL-C 650 SXS, CIRC.	
7 7/8	5 1/2	15.5# & 17	6325'	CL-H 1200 SX, CIRC. 1	

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.

Objective: Texaco intends to directionally drill dual horizontal laterals from this existing vertical wellbore and then return well to injection in the Upper Paddock Limestone interval.

1. MIRU pulling unit. Release packer and TOH with packer & injection tubing. Run in hole with CIBP on wireline. Set CIBP at 5812'.
2. Run in hole with 3" Whipback whipstock. Orient whipstock with gyro (orient face w/ azimuth = 74°). Set whipstock on top of CIBP at 5812'.
3. Run in hole with starting mill to establish cut in casing (KOP @ 5811'). TOH with starting mill. TIH with watermelon mill, drillpipe, and drill collars. Mill 7' window. Drill 153' radius build section with EOB at 5964'. Directionally drill hor. section 600' from surface location (Eastbound lateral). TOH w/ bit.
4. TIH with another whipstock. Orient whipstock azimuth relative to whipstock face at 5812' (azimuth of second whipstock 251°). Run in hole with starting mill to establish cut in casing (KOP @ 5767'). TOH with starting mill. TIH with watermelon mill, drillpipe, and drill collars. Mill 7' window. Drill 197' radius build section with EOB at 5964'. Directionally drill hor. section 600' from surface location (Westbound lateral). TOH with bit. Fish whipstock.
5. TIH with injection tubing and packer and 140' tailpipe. Set packer at 5650'. Return well to injection and place on test.

²³ I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature 

Printed Name Darrell J. Carriger

Title Prod. Engineer

Date 2/6/98

Telephone 397-0426

OIL CONSERVATION DIVISION

ORIGINAL SIGNED BY CHRIS WILLIAMS
Approved By: DISTRICT I SUPERVISOR

Title:

Approval Date MAR 18 1998

Expiration Date:

Conditions of Approval:

Attached ☐

Permit Expires 1 Year From Approval

Date Unless Dating Underway

Directionally

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State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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Santa Fe, New Mexico 87504-2088

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Revised February 10, 1994
Instructions on back
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State Lease - 4 Copies
Fee Lease - 3 Copies
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30 025 31875	² Pool Code 62160	³ Pool Name VACUUM GLORIETA
⁴ Property Code 11125	⁵ Property Name VACUUM GLORIETA WEST UNIT	⁶ Well No. 108
⁷ OGRID Number 022351	⁸ Operator Name TEXACO EXPLORATION & PRODUCTION INC.	⁹ Elevation GR-3986', KB-4000'

¹⁰ Surface Location

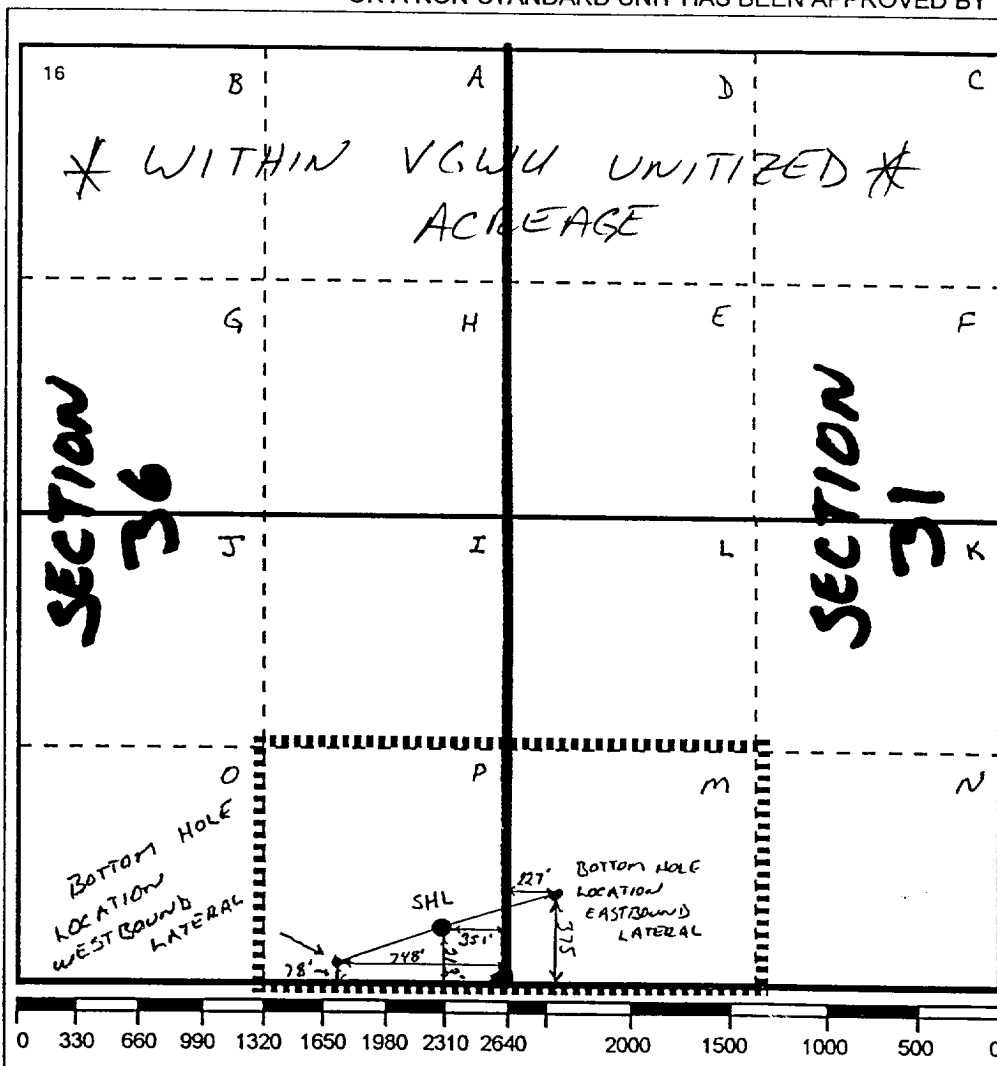
UI or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
P	36	17-SO	34-EA		213	South	351	EAST	LEA

¹¹ Bottom Hole Location If Different From Surface

UI or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
P M	36 31	17S 17S	34E 35E		78 375	FSL FSL	748 227	FEL FWL	LEA

¹² Dedicated Acres 80	¹³ Joint or Infill No	¹⁴ Consolidation Code	¹⁵ 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



17 OPERATOR CERTIFICATION

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

Signature

Darrell J. Carriger

Printed Name

Darrell J. Carriger

Position

Prod. Engineer

Date

2/6/98

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 knowledge and belief.

Date Surveyed

Signature & Seal of

Professional Surveyor

Certificate No.

VGVV
#108