

District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

Energy Minerals and Natural Resources

Revised March 17, 1999

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

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 ARCH PETROLEUM, INC. P.O. BOX 10340 MIDLAND, TEXAS 79702-7340		² OGRM Number 962
³ Property Code 27142		⁴ API Number 30-025-36671
⁵ Property Name E.C. HILL "C"		⁶ Well No. 5

⁷Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	27	23S	37E		990'	SOUTH	660'	WEST	LEA

⁸Proposed 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 Imperial; JUSTIS, TUBB-DRINKARD (35280) 33600					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3291'
¹⁶ Multiple NO	¹⁷ Proposed Depth 6000'	¹⁸ Formation TUBB	¹⁹ Contractor UNKNOWN	²⁰ Spud Date WHEN APPROVED

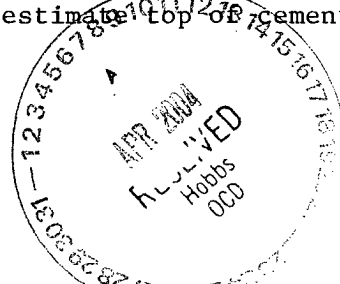
²¹Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
25"	20"	Conductor	40'	Redi-mix	Surface
12 1/4"	8 5/8"	32#	1100'	650 Sx.	Surface
7 7/8"	4 1/2"	11.6#	6000'	1000 Sx.	750'+ FS.

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.

1. Drill 25" hole to 40'. Set 40' of 20" conductor and cement to surface with Redi-mix.
2. Drill 12 1/4" hole to 1100'. Run and set 1100' of 8 5/8" 32# J-55 ST&C casing. Cement with 650 Sx. of Class "C" cement + @ % CaCl₂ + 1/4# Floccle/Sx. circulate cement to surface.
3. Drill 7 7/8" hole to 6000'. Run and set 6000' of 4 1/2" 11.6# J-55 ST&C casing. Cement with 1000 Sx. of Class "C" cement + additives, estimate top of cement 750' From Surface.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway



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

Signature:

Joe T. Janica

Printed name:

Title:

Agent

Date:

04/07/04

Phone: 505-391-8503

OIL CONSERVATION DIVISION

Approved by:

Title:

PETROLEUM ENGINEER

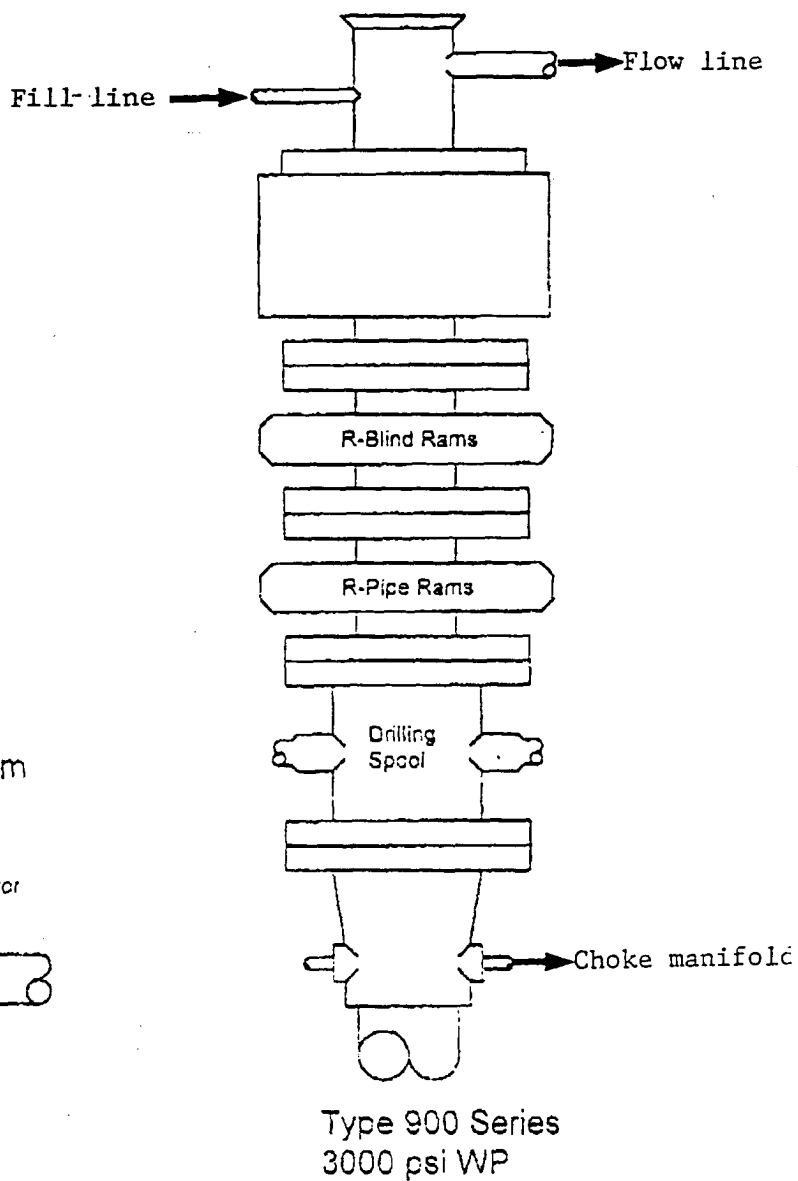
Approval Date:

APR 15 2004

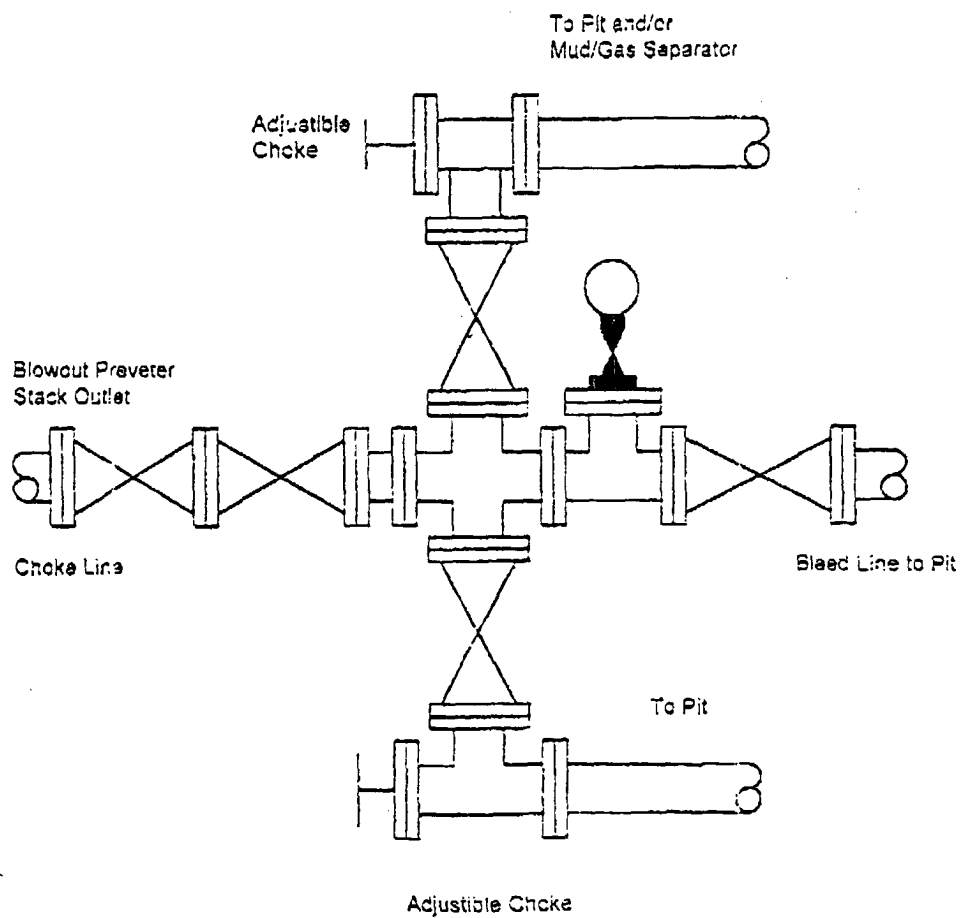
Expiration Date:

Conditions of Approval:

BLOWOUT PREVENTER SYSTEM



Choke Manifold Assembly for 3M WP System



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

OIL CONSERVATION DIVISION

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-36671	Pool Code 35280 33600	Pool Name <i>Imperial;</i> JUSTIC TUBB DRINKARD
Property Code 27142	Property Name E.C. HILL "C"	Well Number 5
OGRID No. 962	Operator Name ARCH PETROLEUM, INC.	Elevation 3291'

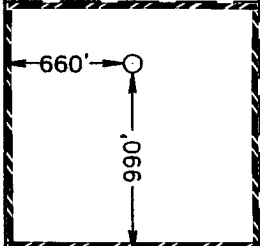
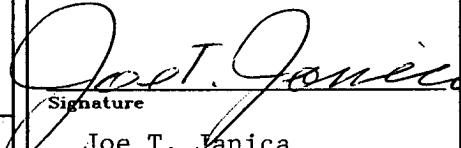
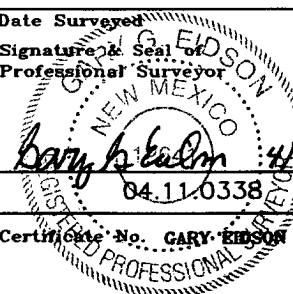
Surface Location

UL or lot No. M	Section 27	Township 23-S	Range 37-E	Lot Idn	Feet from the 990	North/South line SOUTH	Feet from the 660	East/West line WEST	County LEA
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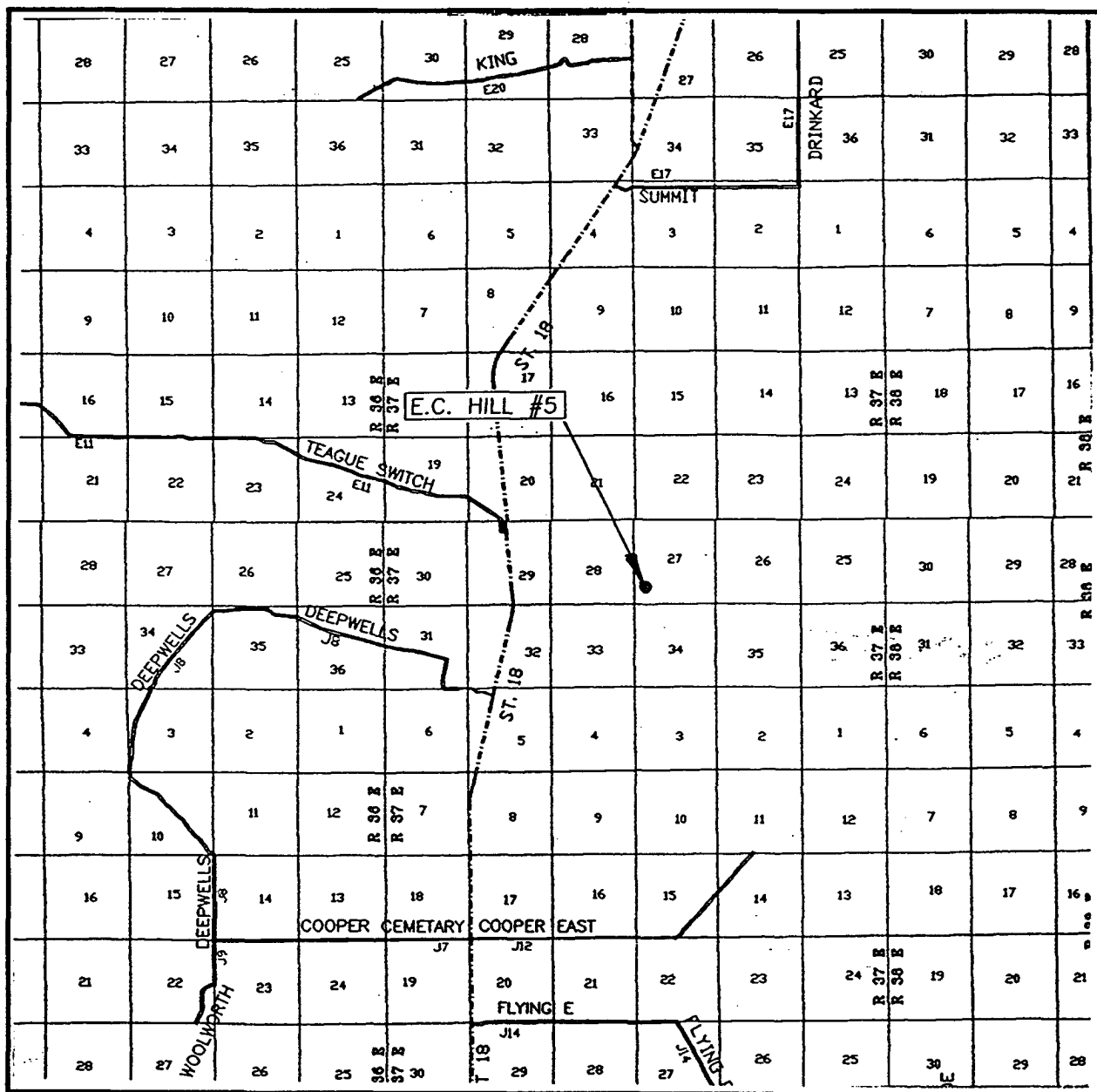
Bottom Hole Location If Different From Surface

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

	<p><u>GEODETIC COORDINATES</u> NAD 27 NME Y = 464217.0 N X = 863673.1 E LAT. 32°16'14.76"N LONG. 103°09'24.26"W</p>	
	<p>OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  Signature Joe T. Janica Printed Name Agent Title 04/07/04 Date</p>	
<p>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 23, 2004 Date Surveyed  Signature & Seal of Professional Surveyor 04.11.0338 Certificate No. GARY E. EDSON 12641</p>		

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 27 TWP. 23-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 990' FSL & 660' FWL

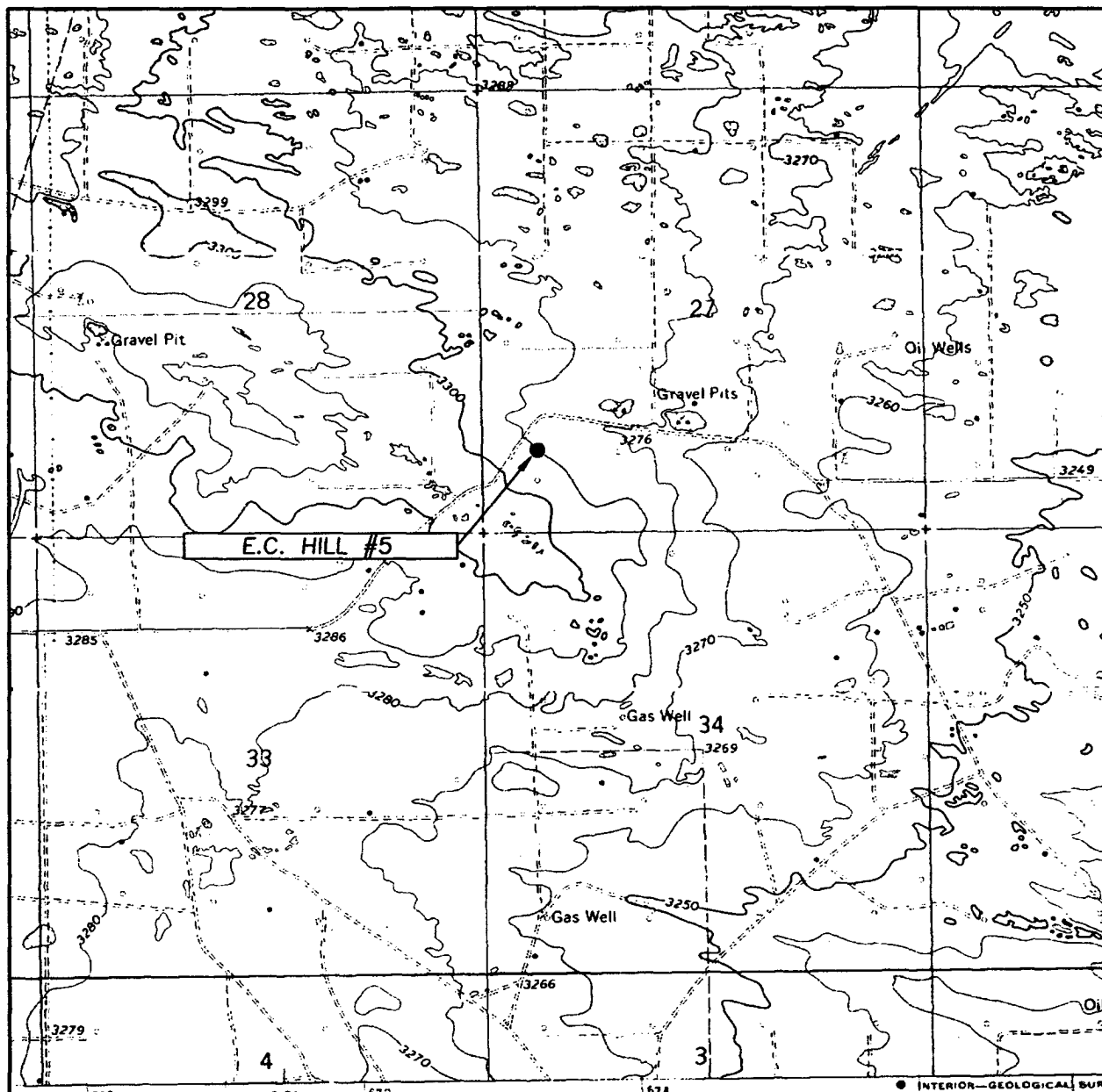
ELEVATION 3291'

OPERATOR ARCH PETROLEUM, INC

LEASE E.C. HILL,

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'
RATTLESNAKE CANYON, N.M.

SEC. 27 TWP. 23-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 990' FSL & 660' FWL

ELEVATION 3291'

OPERATOR ARCH PETROLEUM, INC.

LEASE E.C. HILL

U.S.G.S. TOPOGRAPHIC MAP
RATTLESNAKE CANYON, N.M.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
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