

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

Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

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

Operator Name and Address ARCH PETROLEUM INC. P.O. BOX 10340 MIDLAND, TEXAS 79702-7340		OCRID Number 962
Property Code 14902	Property Name H. V. PIKE	API Number 30-025-34951
		Well No. 3

7 Surface Location

UT or lot no.	Section	Township	Range	Lot line	Feet from the	North/South line	Feet from the	East/West line	County
D	6	23S	38E		660'	NORTH	660'	WEST	LEA

8 Proposed Bottom Hole Location If Different From Surface

UT or lot no.	Section	Township	Range	Lot line	Feet from the	North/South line	Feet from the	East/West line	County

Proposed Pool 1 WILDCAT (SIMPSON-McKEE)	Proposed Pool 2
--	-----------------

Work Type Code N	Well Type Code O	Cable Rotary ROTARY	Lease Type Code P	Ground Level Elevation 3315'
Multiple NO	Proposed Depth 8000'	Formation SIMPSON-McKEE	Contractor UNKNOWN	Spud Date WHEN APPROVED

9 Proposed 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
17½"	13 3/8"	48	500'	500 Sx.	SURFACE
11"	8 5/8"	24 & 32	2900'	650 Sx.	SURFACE
7 7/8"	5½"	15.5 & 17	8000'	1000 Sx.	TOC 2400'

10 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 pipe and cement to surface with Redi-mix.
2. Drill 17½" hole to 500'. Run and set 500' of 13 3/8" 48# H-40 ST&C casing. Cement with 500 Sx. of Class "C" cement + additives, circulate cement to surface.
3. Drill 11" hole to 2900'. Run and set 2900' of 8 5/8" 32 & 24# J-55 ST&C casing. Cement with 650 Sx. of Class "C" cement + additives, circulate cement to surface.
4. Drill 7 7/8" hole to 8000'. Run and set 8000' of 5½" 15.5 & 17# J-55 ST&C casing. Cement in two stages DV Tool at 4000'±. Cement with 1000 Sx. of Class "C" cement + additives, estimate top of cement at 2400'.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Joe T. Janica</i>		Approved by: _____	
Printed name: Joe T. Janica		Title: _____	
Title: Agent		Approval Date: _____ Expiration Date: _____	
Date: 02/28/00	Phone: 505-391-8503	Conditions of Approval: _____ Attached ☐	

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-34951	Pool Code —	Pool Name WILDCAT-SIMPSON-McKEE
Property Code 14902	Property Name HV PIKE	Well Number 3
OGRID No. 962	Operator Name ARCH PETROLEUM INC.	Elevation 3315'

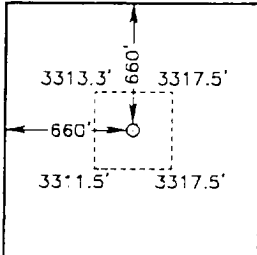
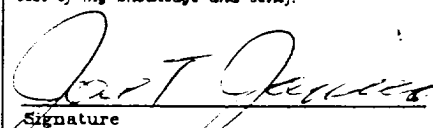
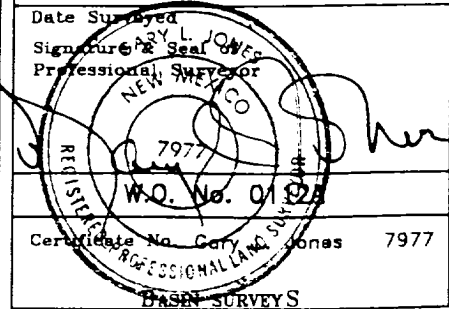
Surface Location

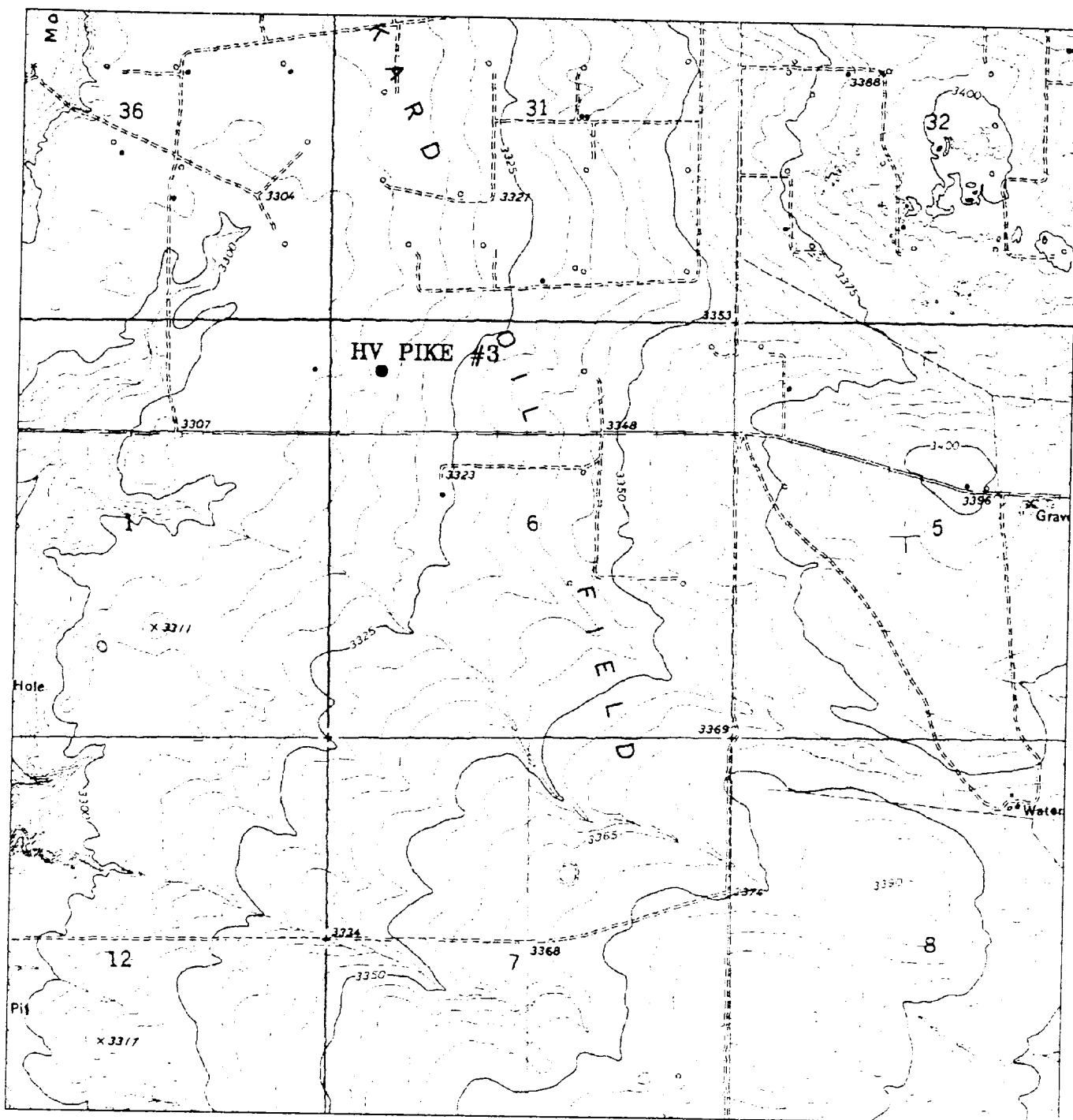
UL or lot No. D	Section 6	Township 23 S	Range 38 E	Lot Idn	Feet from the 660	North/South line NORTH	Feet from the 660	East/West line WEST	County LEA
---------------------------	---------------------	-------------------------	----------------------	---------	-----------------------------	----------------------------------	-----------------------------	-------------------------------	----------------------

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 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 02/28/00 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, 2000 Date Surveyed  Signature & Seal of Professional Surveyor W.O. No. 01925 Certificate No. Gary L. Jones 7977 DASH SURVEYS					



HV PIKE #3

Located at 660' FNL and 660' FWL
 Section 6, Township 23 South, Range 38 East,
 N.M.P.M., Lea County, New Mexico.

**basin
surveys**

focused on excellence
in the oilfield

P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (505) 393-7316 - Office
 (505) 392-3074 - Fax
 basin-surveys.com

W.O. Number: 0112AA - KUG #122

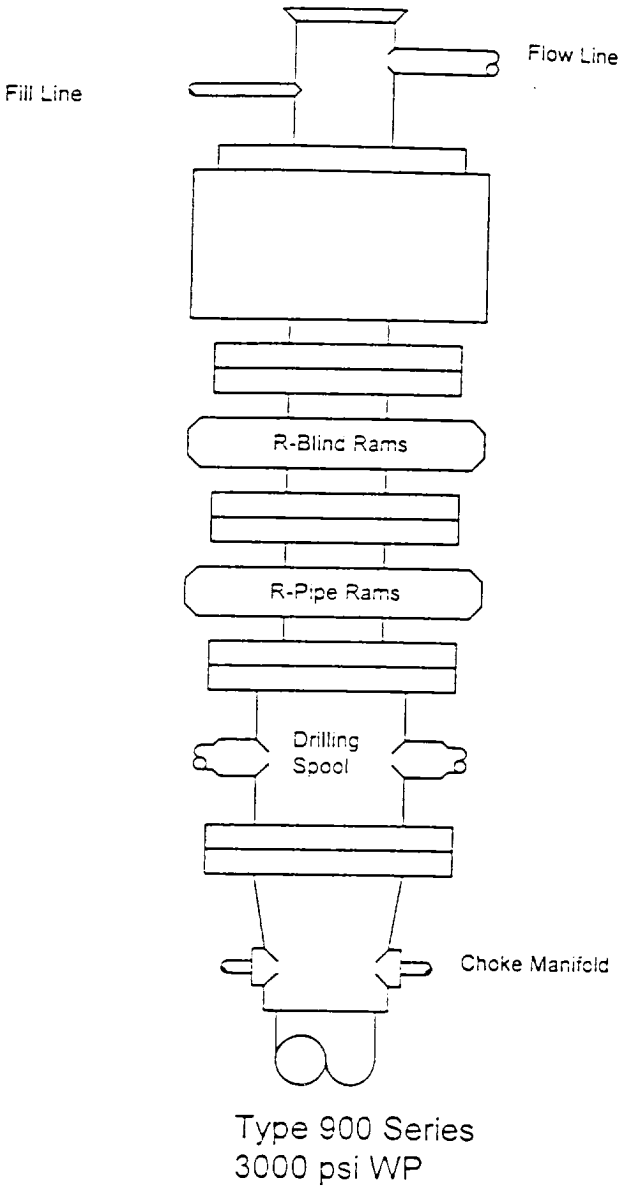
Survey Date: 02-25-2000

Scale: 1" = 2000'

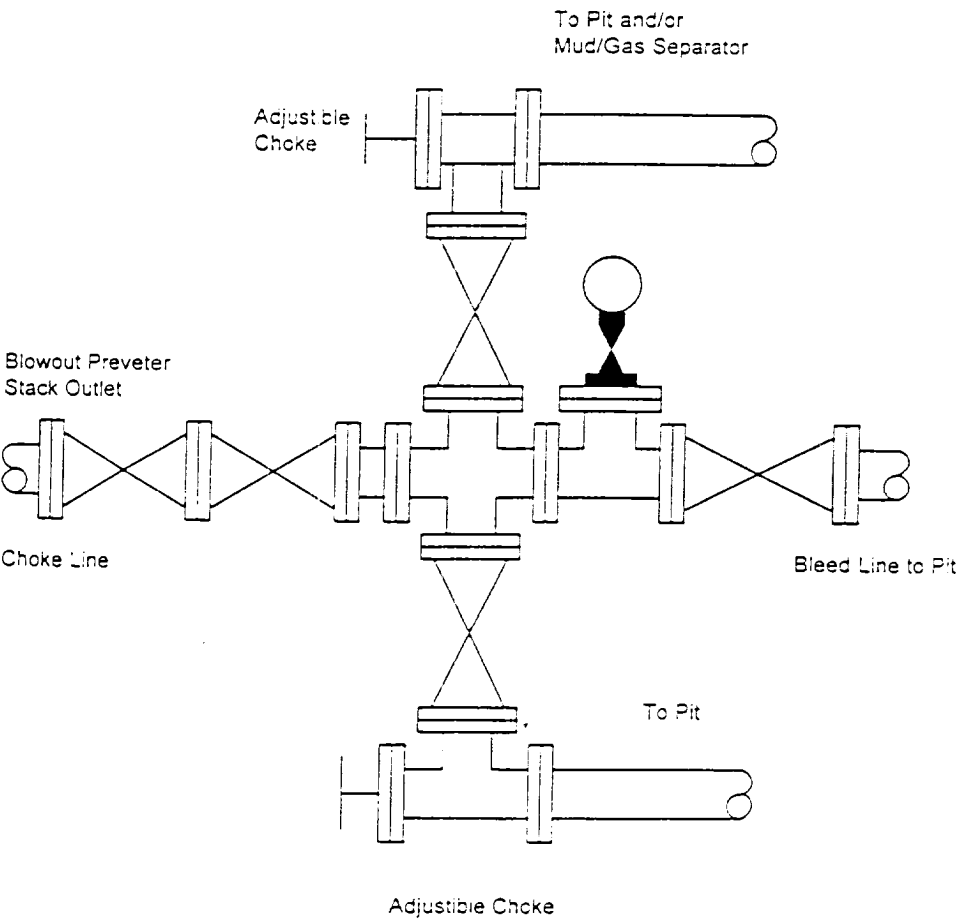
Date: 02-28-2000

ARCH PETROLEUM INC.

BLOWOUT PREVENTER SYSTEM



Choke Manifold Assembly for 3M WP System



ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

CLF