

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-07
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIV.
PO Box 2088
Santa Fe, NM 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

Operator Name and Address: PENWELL ENERGY INC 600 NORTH MARIENFELD SUITE 1100 MIDLAND, TEXAS 79701		OGRID Number 147380
APR 03 1997		API Number 5 30-015-29007
Property Code 20639	Property Name F.H. "28" STATE "D"	Well No. 3

Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
E	28	23S	26E		1980'	North	660'	West	Eddy

Proposed Bottom Hole Location If Different From Surface

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

Proposed Pool 1	Proposed Pool 2
Dark Canyon-Belaware 15580	

Work Type Code	Well Type Code	Cable/Rotary	Lease Type Code	Ground Level Elevation
N	O	ROTARY	S	3356 GR.
Multiple	Proposed Depth	Formation	Contractor	Spud Date
NO	5500"	DELAWARE	Unknown	As soon as approved

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'	550 Sx.	Surface
12½"	8 5/8"	24	1700'	1000 Sx.	Surface
7 7/8"	5½"	17	5500'	250 Sx	4000'

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 cement with Redi-mix cement to surface.
2. Drill 17½" hole to 500'. Run and set 500' of 13 3/8" 48# H-40 ST&C casing. Cement with 550 Sx. Class "C" + 2% CaCl, circulate cement to surface.
3. Drill 12½" hole to 1700'. Run and set 1700' of 8 5/8" 24# J-55 ST&C casing. Cement with 600 Sx Class "C" Light cement + additives, tail in with 400 Sx. Class "C" + 2% CaCl, circulate cement to surface.
4. Drill 7 7/8" hole to 5500'. Run and set 5500' of 5½" 17# J-55 ST&C casing. Cement with 250 Sx. Class "H" cement + additives, top of cement estimated at 4000'.

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

Signature:

Printed name:

Joe T. Janica

Title:

Agent

Date:

04/05/97

Phone:

805-392-2112

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Conditions of Approval:

Attached

Expiration Date:

B6A

4-10-97

4-10-98

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

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

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 15580	Pool Name DARK CANYON - DELAWARE
Property Code 20639	Property Name FH "28" State D	Well Number 3
OGRID No.	Operator Name Penwell Energy Inc.	Elevation 3356'

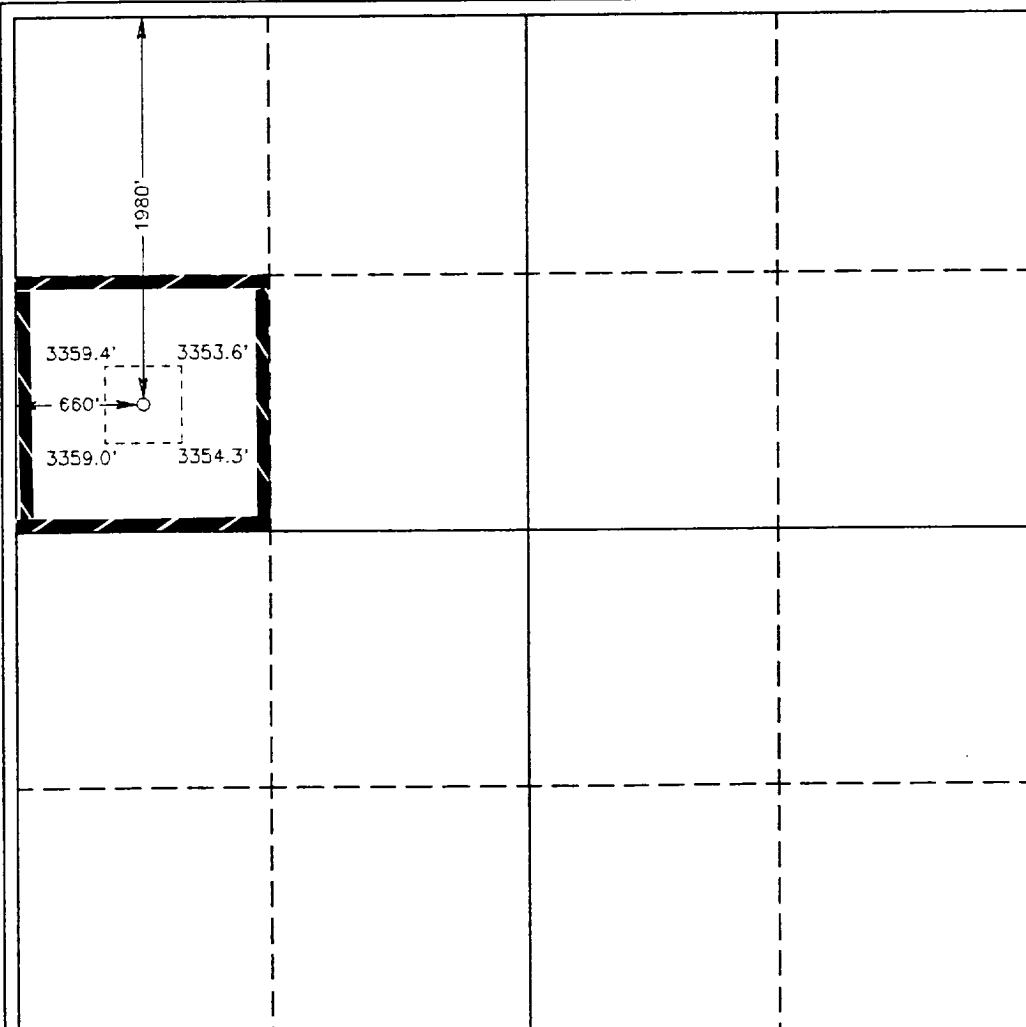
Surface Location

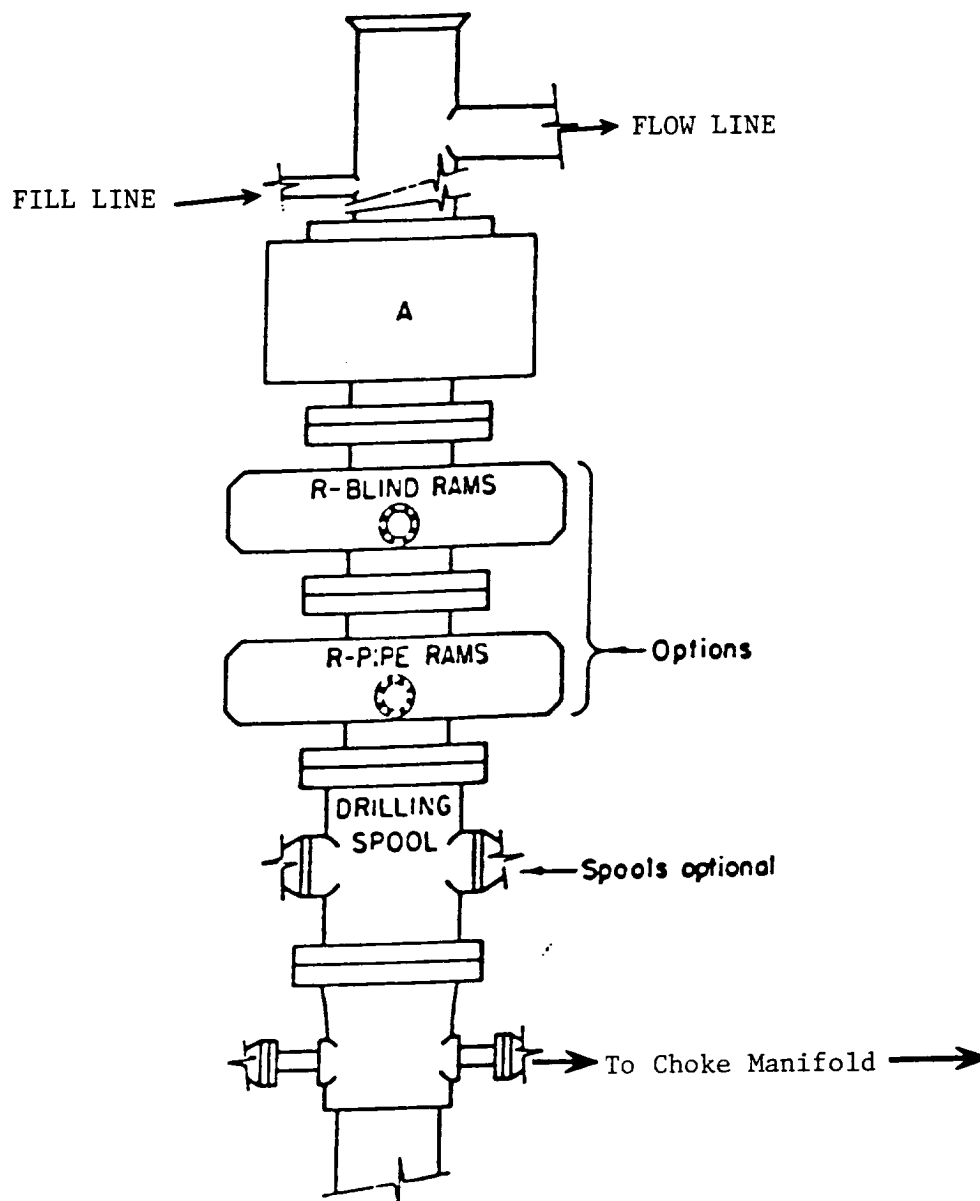
UL or lot No. E	Section 28	Township 23 S	Range 26 E	Lot Idn	Feet from the 1980	North/South line North	Feet from the 660	East/West line West	County Eddy
--------------------	---------------	------------------	---------------	---------	-----------------------	---------------------------	----------------------	------------------------	----------------

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>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Joe T. Janica</i> Signature Joe T. Janica Printed Name Agent Title 04/05/97 Date</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>April 1, 1997 Date Surveyed Signature & Seal of Professional Surveyor Certificate No. 7187b 7977 BASIN SURVEYS</p>
---	--



ARRANGEMENT SRRA

900 Series
3000 PSI WP

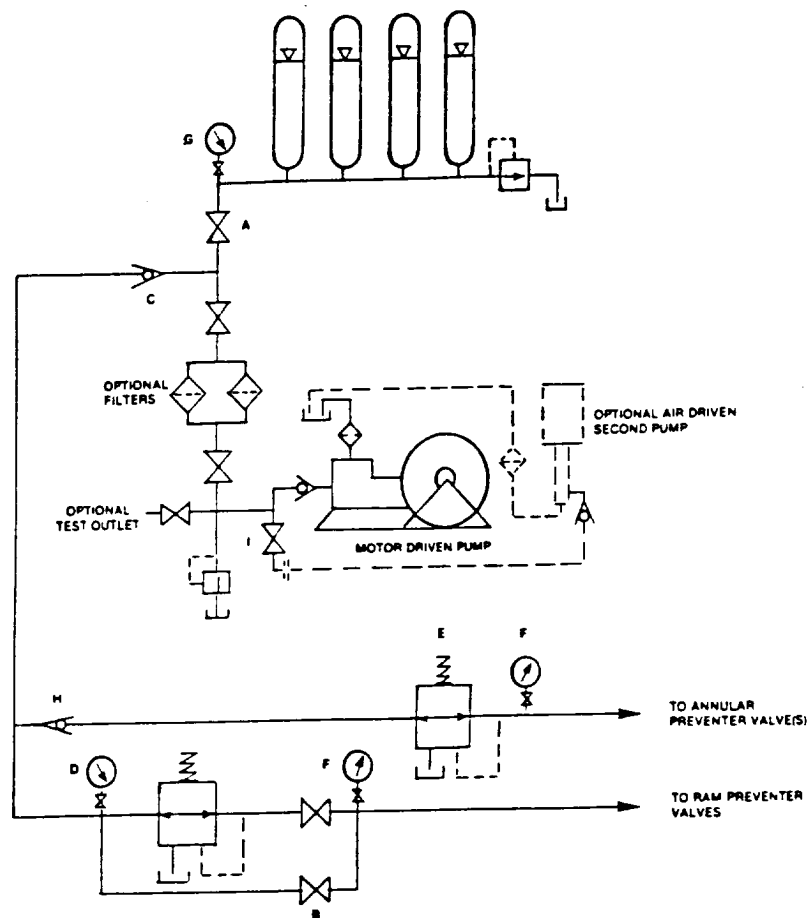


FIGURE K6-1. The schematic sketch of an accumulator system shows required and optional components.

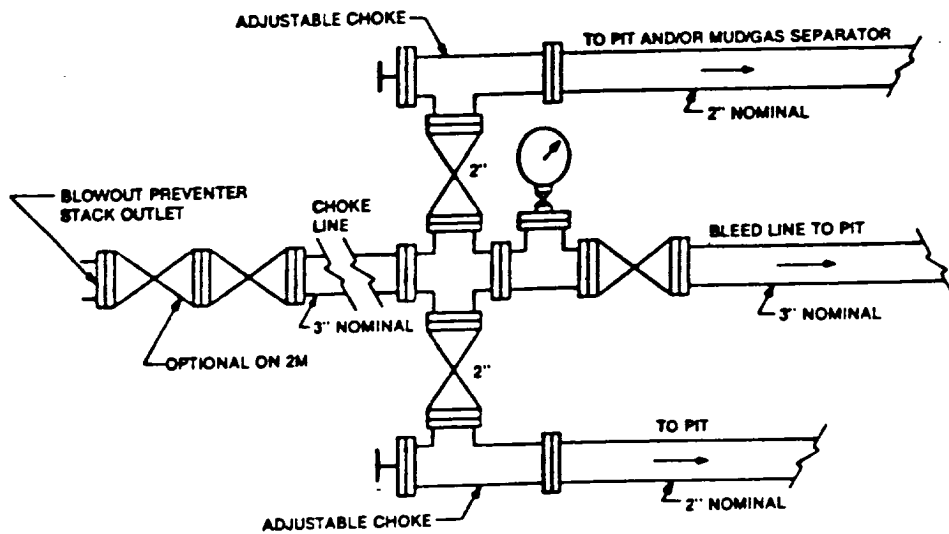


FIGURE K4-1. Typical choke manifold assembly for 2M and 3M rated working pressure service — surface installation.