

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
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 DIVISION

PO Box 2088
Santa Fe, NM 87504-2088

FEB 18 1997

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 N. Marienfeld, Ste. 1100 Midland, Texas 79701		' OGRID Number 147380
		' API Number 30-015-29385
' Property Code 20443	' Property Name Cochiti "32" State Com.	' Well No. 1

' Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	32	23S	29E		660	North	1650	West	Eddy

' 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
UNDERS CEDAR CANYON									
Proposed Pool 1 Morrow GAS						Proposed Pool 2			

" Work Type Code N	" Well Type Code G	" Cable/Rotary Rotary	" Lease Type Code S	" Ground Level Elevation 2989' GR
" Multiple	" Proposed Depth 13,500'	" Formation Morrow	" Contractor unavailable	" Spud Date 3-20-97

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
26"	20" X-95	94#	700'	800sx Cl, C	Surface
17 1/2"	13 3/8" J-55	72#	2,950'	1400sx	Surface
12 1/2"	9 5/8" P-110	53.5#	10,300'	1500sx	Circ.
8 1/2"	7" S-95	29#	13,500'	350sx	

" 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 26" hole to 700'. Run & set 20" casing, Cmt, W/800 sx Cl, C Neet Circulate to ground surface.
2. Drill 17 1/2" hole to 2950'. Run & set 13 3/8" J-55, 72# casing, Cmt, w/1000 sx, Cl. C Lite + 400 sx, Class C, Circulate.
3. Drill 12 1/2" hole to 10,300'. Run & set 9 5/8" casing, Cmt, w/1000 sx, Cl. C Lite + 500 sx Class H Neet, Circulate cmt.
4. Drill 8 1/2" hole to 13,500'. Run & set 7" S-95, 29# csg, cmt, w/350 sx, Cl. H Neet

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

Signature: Brenda Coffman
Printed name: Brenda Coffman

Title: Prod. Analyst

Date: 2-17-97

Phone: (915) 683-2534

OIL CONSERVATION DIVISION 2-21-97

Approved by: Jim W. Green

B6A

Title: District Supervisor

Approval Date: 2-19-97

Expiration Date: 2-19-98

Conditions of Approval:
Attached ☐

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

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

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

State of New Mex
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
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Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-29385	Pool Code	Pool Name UNDERS CEDAR CANYON, MARROW GAS
Property Code	Property Name Cochiti "32" State Com.	Well Number 1
OGRID No.	Operator Name Penwell Energy Inc.	Elevation 2989'

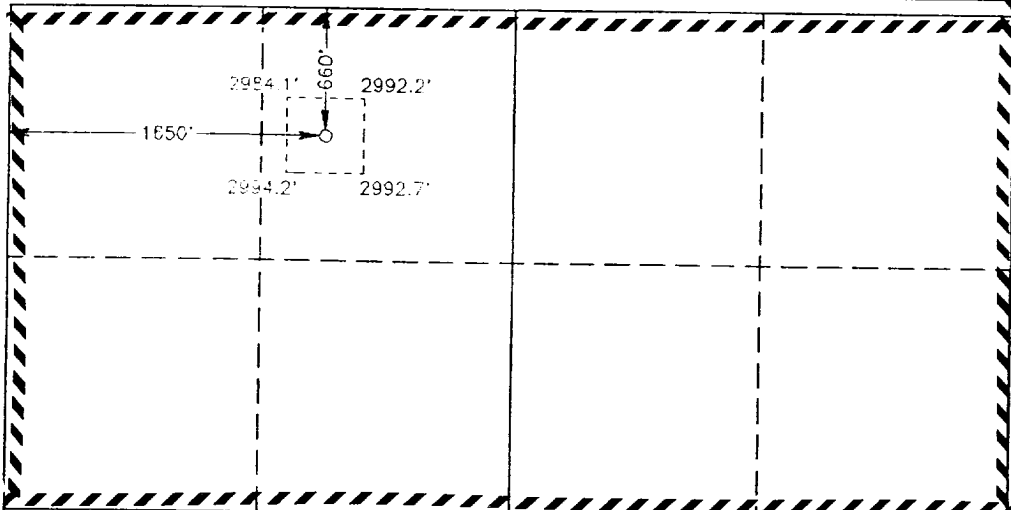
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	32	23 S	29 E		660	North	1650	West	Eddy

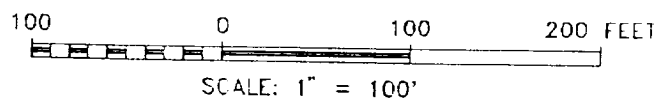
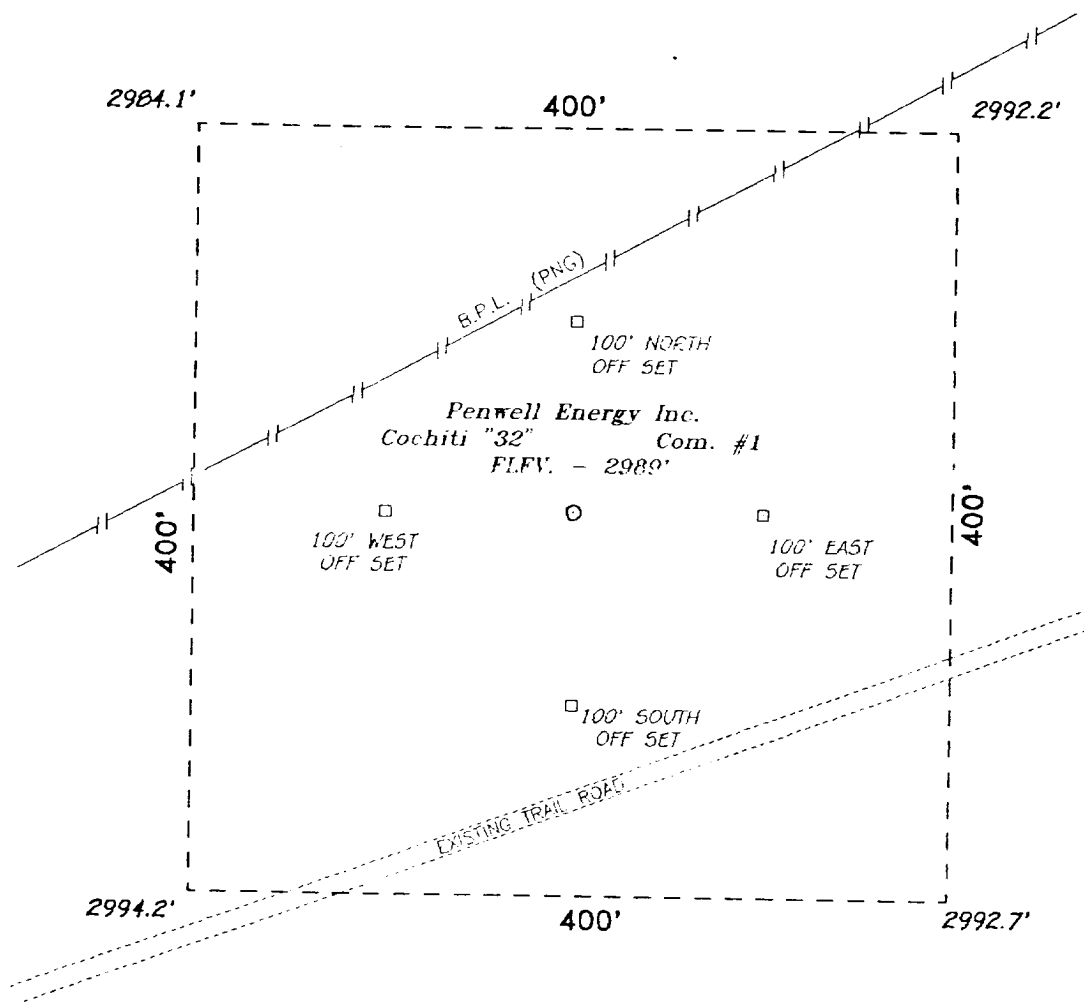
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
320									

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. Brenda Coffman Signature Brenda Coffman Printed Name Prod. Analyst Title 2-17-97 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. December 13, 1996 Date Surveyed
	GARY L. JONES Signature & Seal of Professional Surveyor W.O. No. 68536 Certificate No. Gary L. Jones 7977

SECTION 32, T NSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



DIRECTIONS

FROM THE SOUTHEAST CORNER OF MATADOR OPER
LAGUNA GRANDE UNIT WELL #3 PAD (2\"/>

BASIN SURVEYS P.O. BOX 1780 - HOBBS, NEW MEXICO

A.O. Number: 6553 Drawn By: S.C. NICHOLS

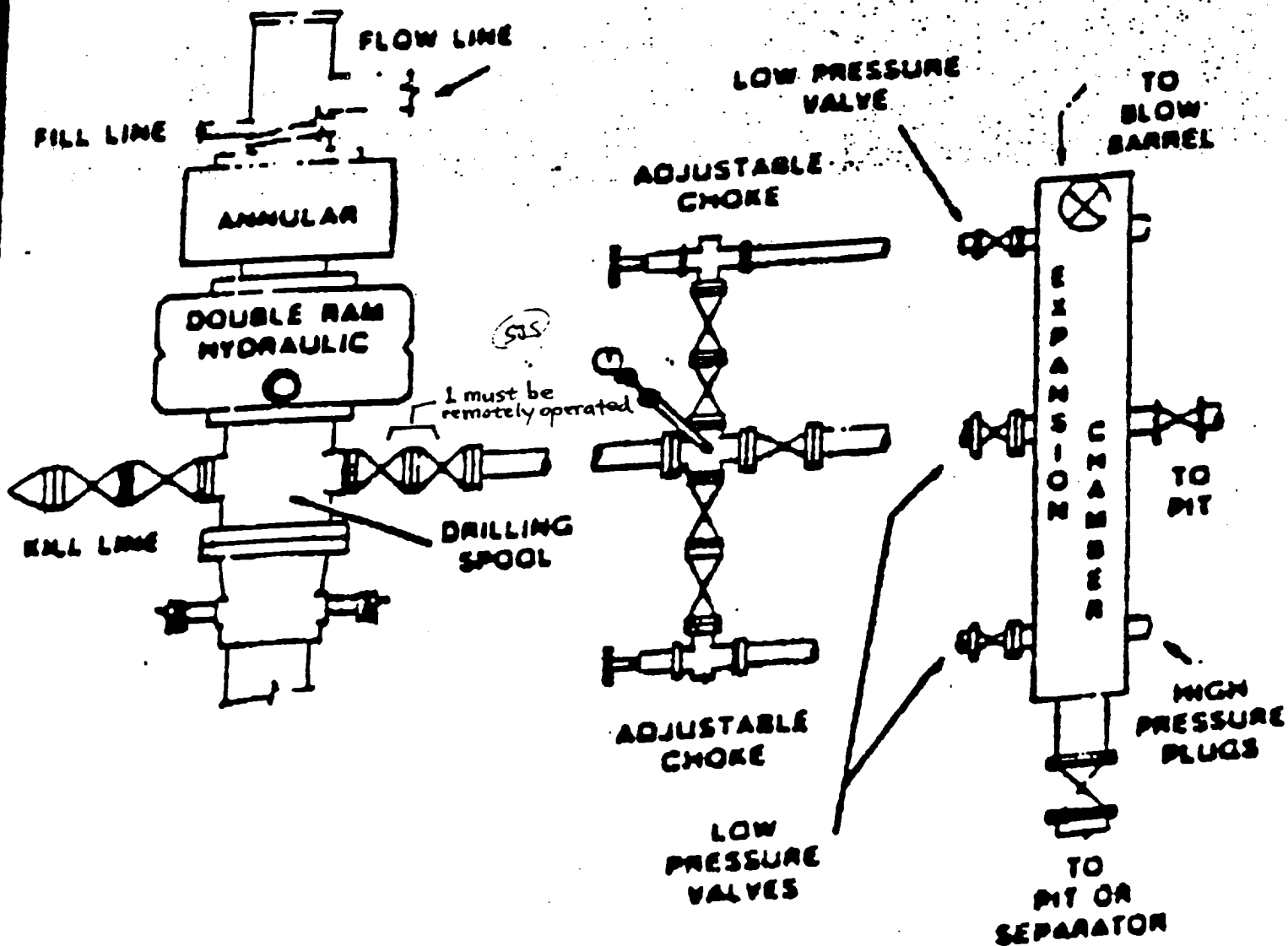
Date: 12-16-90 Disk: SCN #33 - 6553BB.DWG

Penwell Energy Inc.

REF: Cochiti "32" State Com. #1 / Well Pad Topo

THE CHCHITI "32" State COM. No. 1 LOCATED 660' FROM
THE NORTH LINE AND 1650' FROM THE WEST LINE OF
SECTION 32, TOWNSHIP 23 SOUTH, RANGE 29 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 12-13-90 Sheet 1 of 1 Sheets



Standard Blowout Preventer Stack