

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

CISF
B L M
S K W
OP
Form C-101
Revised March 17, 1999
Submit to appropriate District Office
State Case - 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 Devon Energy Production Co, LP 20 North Broadway, Ste 1500 Oklahoma City OK 73102		² OGRID Number 6137
⁴ Property Code 28930		³ API Number 30-015-32404
⁵ Property Name Southern Cross 28 State Com		⁶ Well No. 1

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	28	T18S	R24E		660'	South	660'	East	Eddy

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	County

**NOTIFY OCD SPUD & TIME
TO WITNESS 8 5/8" CASING**

9 Proposed Pool 1

Antelope Sink Morrow North 70480

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3768'
¹⁶ Multiple No	¹⁷ Proposed Depth 9000'	¹⁸ Formation Morrow	¹⁹ Contractor Patterson	²⁰ Spud Date 10/01/2002

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	32#	1200'	700	Surface
7 7/8"	5 1/2"	15.5#, 17#	9000'	800	6000' 2X

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.

Devon Energy Production Company, LP plans to drill this well to a total depth of 9000' and complete as a Morrow gas well. The Cisco formation is a secondary target. Should the well be deemed noncommercial, then it will be plugged and abandoned in accordance with the rules established by the New Mexico OCD.

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

Signature: *Karen Cottom*

Printed Name: Karen Cottom

Title: Engineering Technician

Date: 08/05/2002

Phone: (405)228-7512

OIL CONSERVATION DIVISION

Approved by:

**ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR**

Title:

Approval Date: **AUG 8 2002**

Expiration Date: **AUG 8 2003**

Conditions of Approval

Attached ☐

**Cement to cover all oil, gas and
water bearing zones.**

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State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

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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	Pool Code 70480	Pool Name Antelope Sink Morrow, North
Property Code	Property Name SOUTHERN CROSS "28" STATE COM	Well Number 1
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION CO., L.P.	Elevation 3768'

Surface Location

UL or lot No. P	Section 28	Township 18 S	Range 24 E	Lot Idn	Feet from the 660	North/South line SOUTH	Feet from the 660	East/West line EAST	County EDDY
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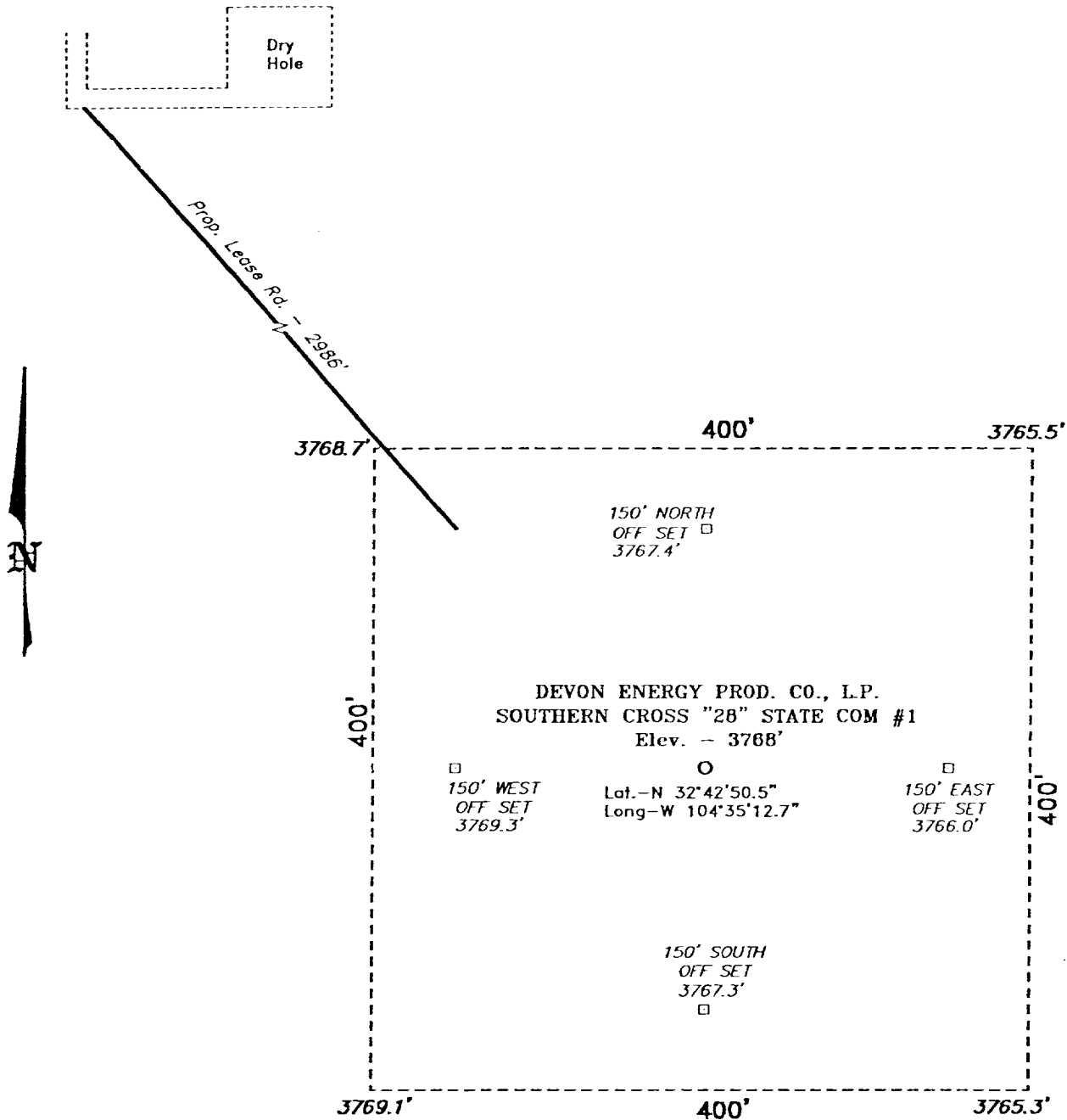
Bottom Hole Location If Different From Surface

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

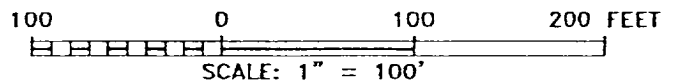
	OPERATOR CERTIFICATION <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i> Signature Jim Linville Printed Name Sr. Operations Engineer Title August 5, 2002 Date	
	SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown 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.</i> October 5, 2001 Date Surveyed Signature & Seal of Professional Surveyor W.O. No. 1967A Certificate No. Gary L. Jones 7977 BASIN SURVEYS	

SECTION 28, TOWNSHIP 18 SOUTH, RANGE 24 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



Directions to Location:

FROM THE JUNCTION OF US HWY 285 AND CO. RD.
39, GO WEST ON CO. RD. 39 FOR APPROX. 12
MILES TO A LEASE ROAD; THENCE SOUTH ON LEASE
ROAD FOR 2000 FEET TO A PROPOSED LEASE ROAD.



DEVON ENERGY PROD. CO., L.P.

REF: SOUTHERN CROSS "28" STATE COM No. 1 / Well Pad Topo

THE SOUTHERN CROSS "28" STATE COM No. 1 LOCATED 660'
FROM THE SOUTH LINE AND 660' FROM THE EAST LINE OF
SECTION 28, TOWNSHIP 18 SOUTH, RANGE 24 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

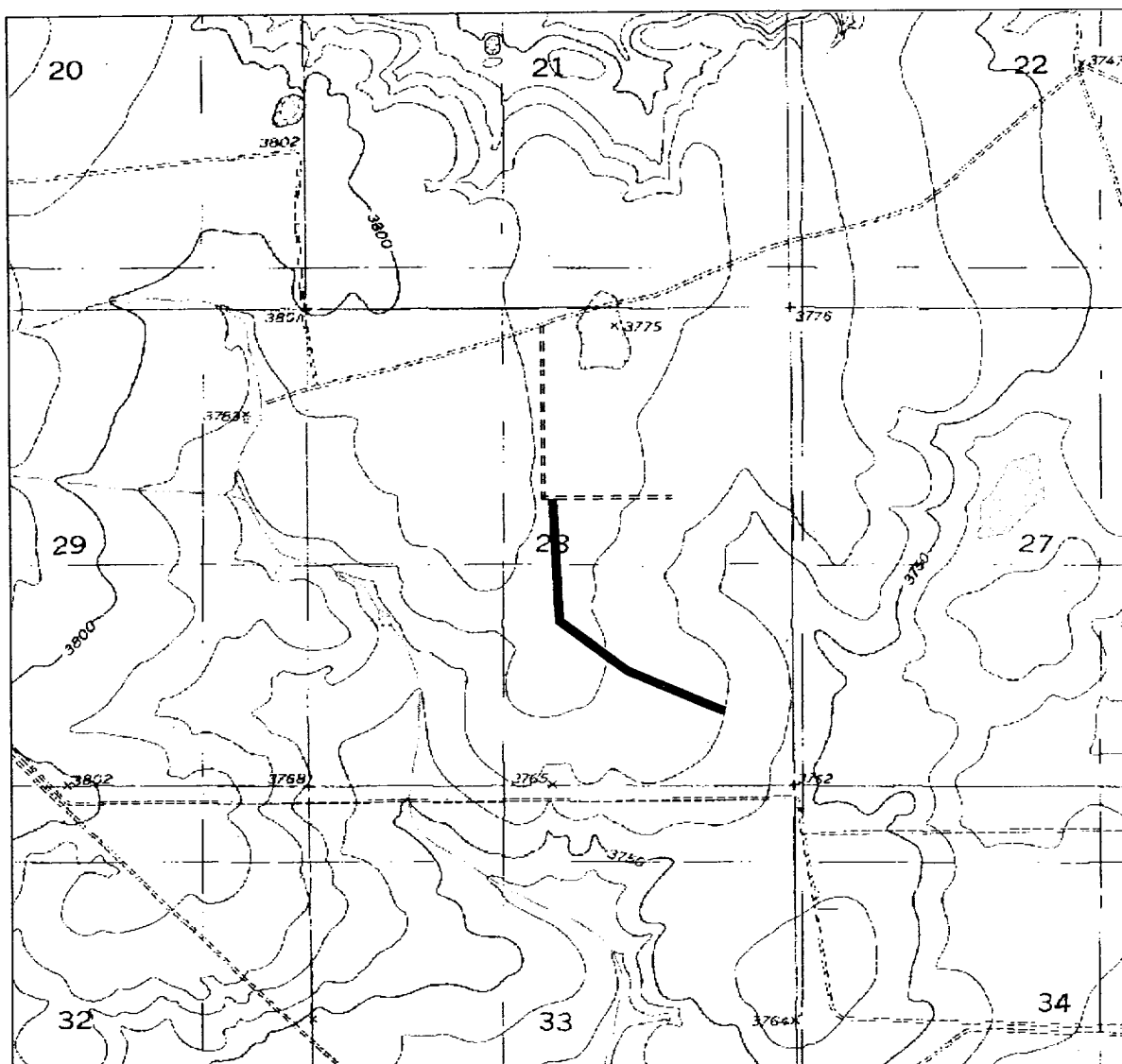
Basin Surveys P.O. BOX 1786 - HOBBS, NEW MEXICO

W.O. Number: 1967 Drawn By: K. GOAD

Date: 10-08-2001 Disk: KJG CD#4 - 1967A.DWG

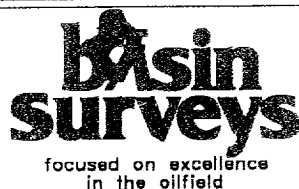
Survey Date: 10-05-2001

Sheet 1 of 1 Sheets



FROM THE INTERSECTION OF U.S.A. HWY. & EDDY CO. RD. #39 (4 DINKUS RD.) GO WEST & SOUTHWEST ON 4 DINKUS ROAD FOR 12.85 MILES TO A LEASE ROAD LEFT GO SOUTH ON LEASE ROAD 0.4 MILES TO 0+00 ON PROPOSED LEASE ROAD.

SURVEY OF A ROAD TO THE SOUTHERN CROSS STATE COM. #1
 Section 28, Township 18 South, Range 24 East,
 N.M.P.M., Eddy County, New Mexico.



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

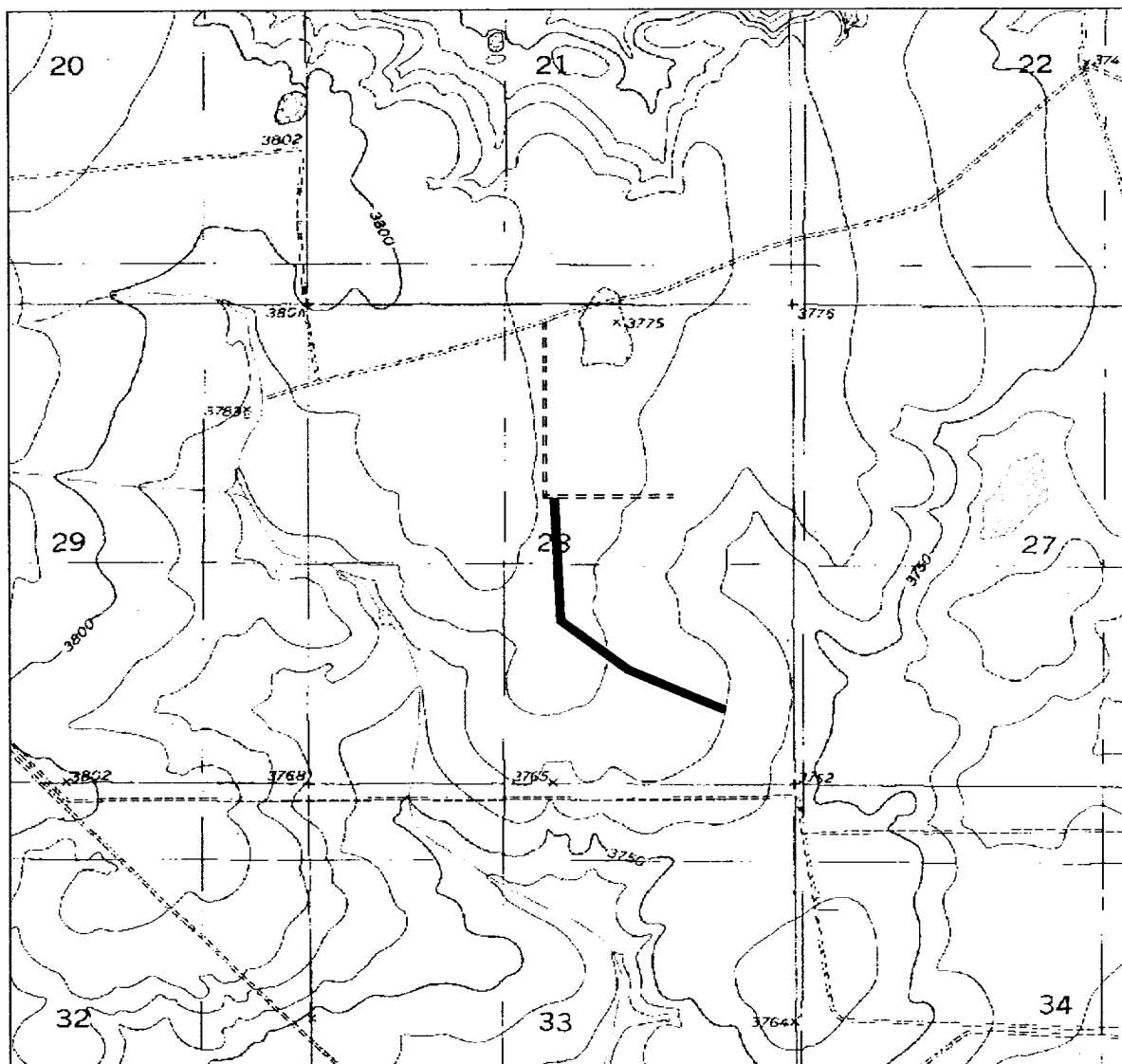
W.O. Number: 1974T - JLP #1

Survey Date: 11/11/01

Scale: 1" = 2000'

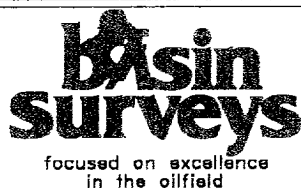
Date: 11/12/01

**DEVON SFS
 OPERATING, INC.**



FROM THE INTERSECTION OF U.S.A. HWY. & EDDY CO. RD. #39 (4 DINKUS RD.) GO WEST & SOUTHWEST ON 4 DINKUS ROAD FOR 12.85 MILES TO A LEASE ROAD LEFT GO SOUTH ON LEASE ROAD 0.4 MILES TO 0+00 ON PROPOSED LEASE ROAD.

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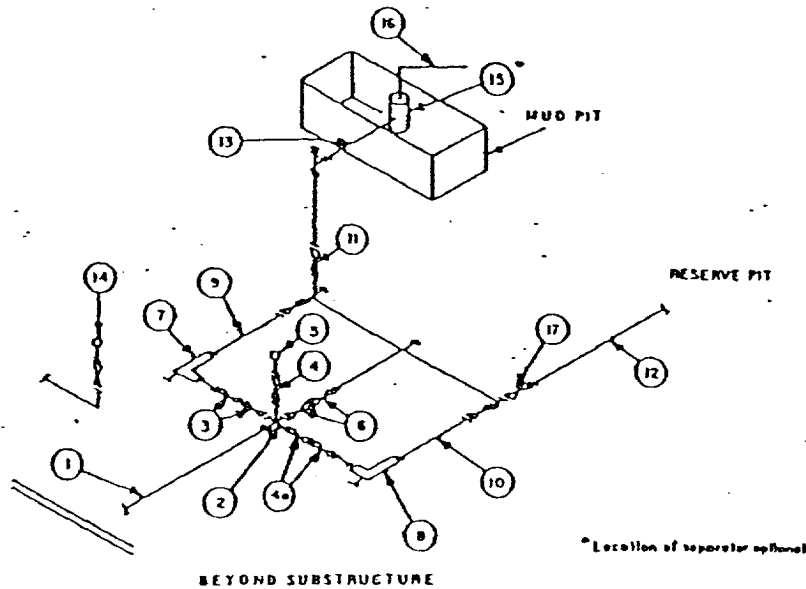
Date: 11/12/01

**DEVON SFS
 OPERATING, INC.**

MINIMUM CHOKE MANIFOLD
4,000, 5,000 and 10,000 PSI Working Pressure

3 MWP - 5 MWP - 10 MWP

EXHIBIT # 1



MINIMUM REQUIREMENTS										
No		3,000 MWP			5,000 MWP			10,000 MWP		
		I.D.	NOMINAL	RATING	I.D.	NOMINAL	RATING	I.D.	NOMINAL	RATING
1	Line from drilling spool		3"	3,000		3"	5,000		3"	10,000
2	Cross 3"x3"x3"x2"			3,000			5,000			
	Cross 3"x3"x3"x3"									10,000
3	Valves (1) Gate <input type="checkbox"/> Plug <input type="checkbox"/> (2)	3-1/8"		3,000	3-1/8"		5,000	3-1/8"		10,000
4	Valve Gate <input type="checkbox"/> Plug <input type="checkbox"/> (2)	1-13/16"		3,000	1-13/16"		5,000	1-13/16"		10,000
4a	Valves (1)	2-1/16"		3,000	2-1/16"		5,000	3-1/8"		10,000
5	Pressure Gauge			3,000			5,000			10,000
6	Valves Gate <input type="checkbox"/> Plug <input type="checkbox"/> (2)	3-1/8"		3,000	3-1/8"		5,000	3-1/8"		10,000
7	Adjustable Choke (3)	2"		3,000	2"		5,000	2"		10,000
8	Adjustable Choke	1"		3,000	1"		5,000	2"		10,000
9	Line		3"	3,000		3"	5,000		3"	10,000
10	Line		2"	3,000		2"	5,000		3"	10,000
11	Valves Gate <input type="checkbox"/> Plug <input type="checkbox"/> (2)	3-1/8"		3,000	3-1/8"		5,000	3-1/8"		10,000
12	Lines		3"	1,000		3"	1,000		3"	2,000
13	Lines		3"	1,000		3"	1,000		3"	2,000
14	Remote reading compound standpipe pressure gauge			3,000			5,000			10,000
15	Gas Separator		2'x5'			2'x5'			2'x5'	
16	Line		4"	1,000		4"	1,000		4"	2,000
17	Valves Gate <input type="checkbox"/> Plug <input type="checkbox"/> (2)	3-1/8"		3,000	3-1/8"		5,000	3-1/8"		10,000

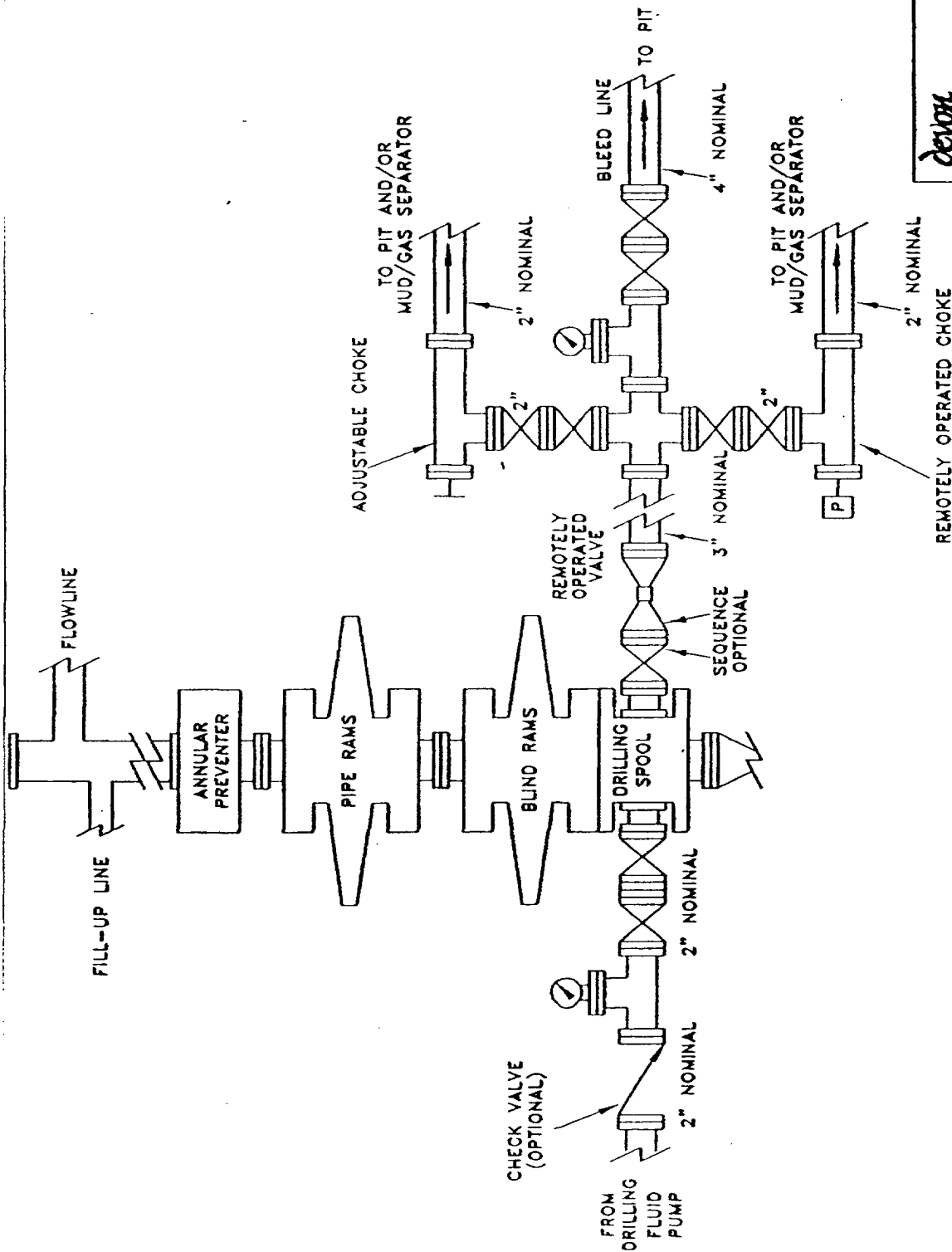
(1) Only one required in Class 3M.

(2) Gate valves only shall be used for Class 10M.

(3) Remote operated hydraulic choke required on 5,000 psi and 10,000 psi for drilling.

EQUIPMENT SPECIFICATIONS AND INSTALLATION INSTRUCTIONS

- All connections in choke manifold shall be welded, studded, flanged or Cameron clamp of comparable rating.
- All flanges shall be API 6B or 6BX and ring gaskets shall be API RX or BX. Use only BX for 10 MWP.
- All lines shall be securely anchored.
- Chokes shall be equipped with tungsten carbide seats and needles, and replacements shall be available.
- Choke manifold pressure and standpipe pressure gauges shall be available at the choke manifold to assist in regulating chokes. As an alternate with automatic chokes, a choke manifold pressure gauge shall be located on the rig floor in conjunction with the standpipe pressure gauge.
- Line from drilling spool to choke manifold should be as straight as possible. Lines downstream from chokes shall make turns by large bends or 90° bends using bull plugged tees.
- Discharge lines from chokes, choke bypass and from top of gas separator should vent as far as practical from the well.



devon

AREA NAME
COUNTY, STATE

SCHEMATIC
**PROPOSED 5-M BOPE
AND CHOKE ARRANGEMENT**

s:\nm\plots
5mbope.dwg

SC

10/00