

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 88210

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

District IV
2040 South Pancheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pancheco
Santa Fe, NM 87505

215 SUM
SEND
Submit to Appropriate District Office

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

² Operator Name and Address Devon Energy Production Company, L.P. 1500 Mid America Tower 20 N. Broadway Oklahoma City, OK 73102-8260		¹ OGRID Number 6137
⁴ Property Code 28930		⁵ Property Name Southern Cross "28" State Com
		³ API Number 10-015-32039
		⁶ Well No. 1

⁷ Surface Location

UL or lot no. P	Section 28	Township 18S	Range 24E	Lot Ids	Feet from the 660	North/South line South	Feet from the 660	East/West line East	County Eddy
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⁸ Proposed Bottom Hole Location If Different

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/Sou
⁹ Proposed Pool 1 Antelope Sink Morrow North 70480						Cement to cover all oil, gas & water bearing zones.

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 10/29/01

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

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, L. P. 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:

Printed name: Jim Linville

Title: Sr. Operations Engineer

Date: 10/9/01

Phone: 405 228 4201

OIL CONSERVATION DIVISION

Approved By:

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Title:

Approval Date:

OCT 10 2001

Expiration Date:

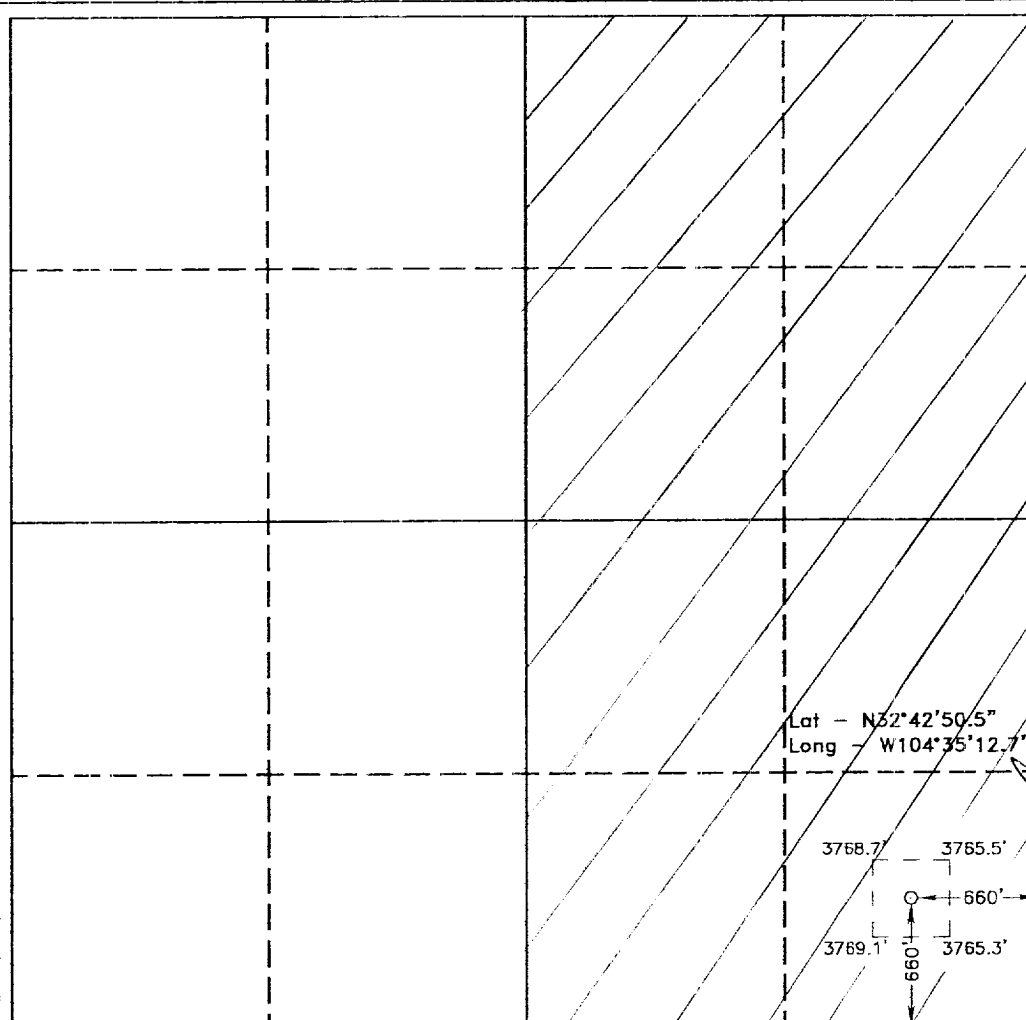
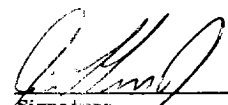
OCT 10 2002

Conditions of Approval:

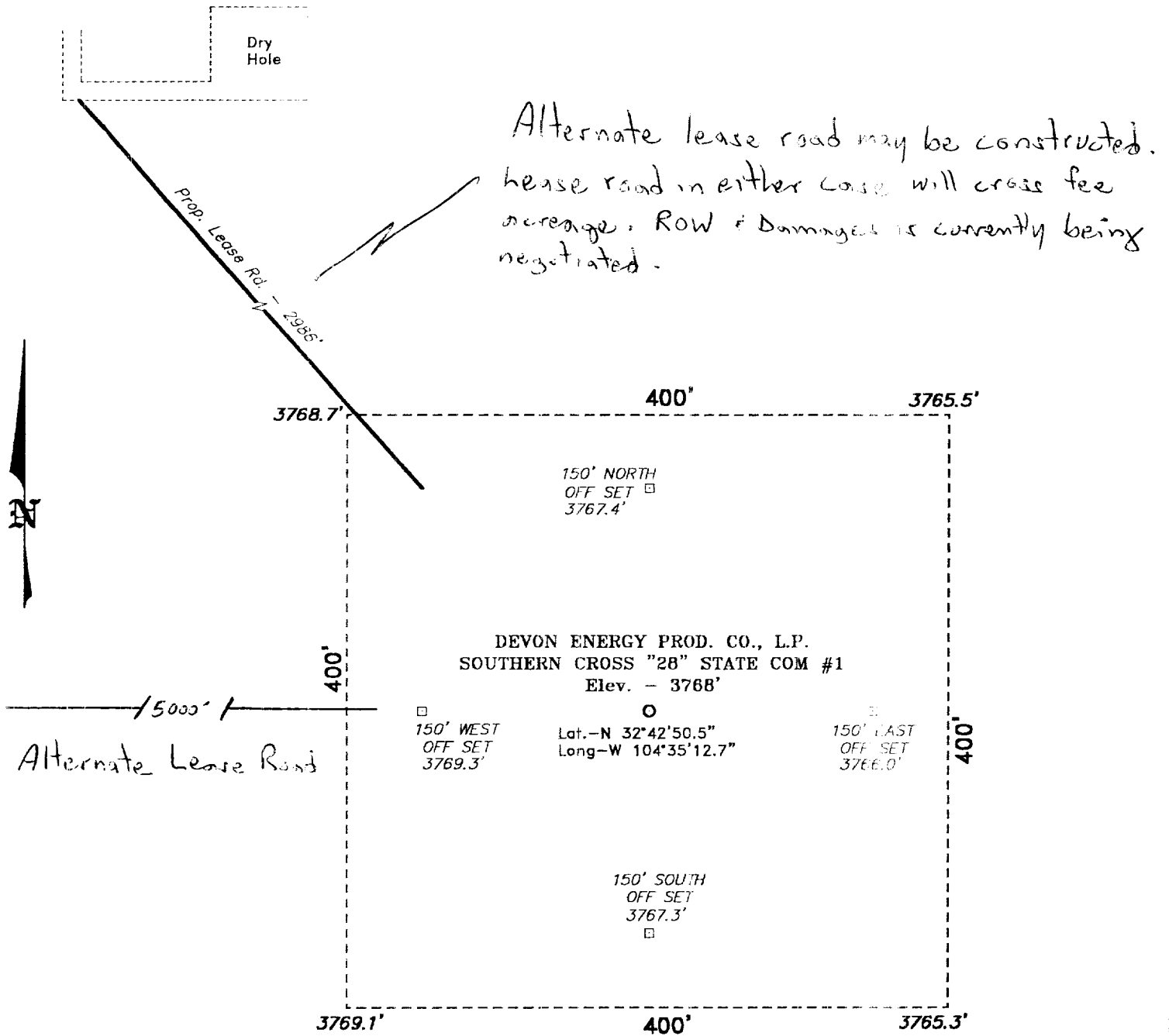
Attached: 11

NOTIFY OCD SPUD & TIME TO WITNESS
CEMENTING OF 8 5/8" CASING STRING

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87506

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  Signature <u>Jim Linville, Jr</u> Printed Name <u>Sr. Operations Engineer</u> Title <u>10/9/01</u> 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. <u>October 5, 2001</u> Date Surveyed  Signature & Seal of Professional Surveyor <u>W.O. No. 1967A</u> Certificate No. <u>Gary L. Jones</u> <u>7977</u> 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.

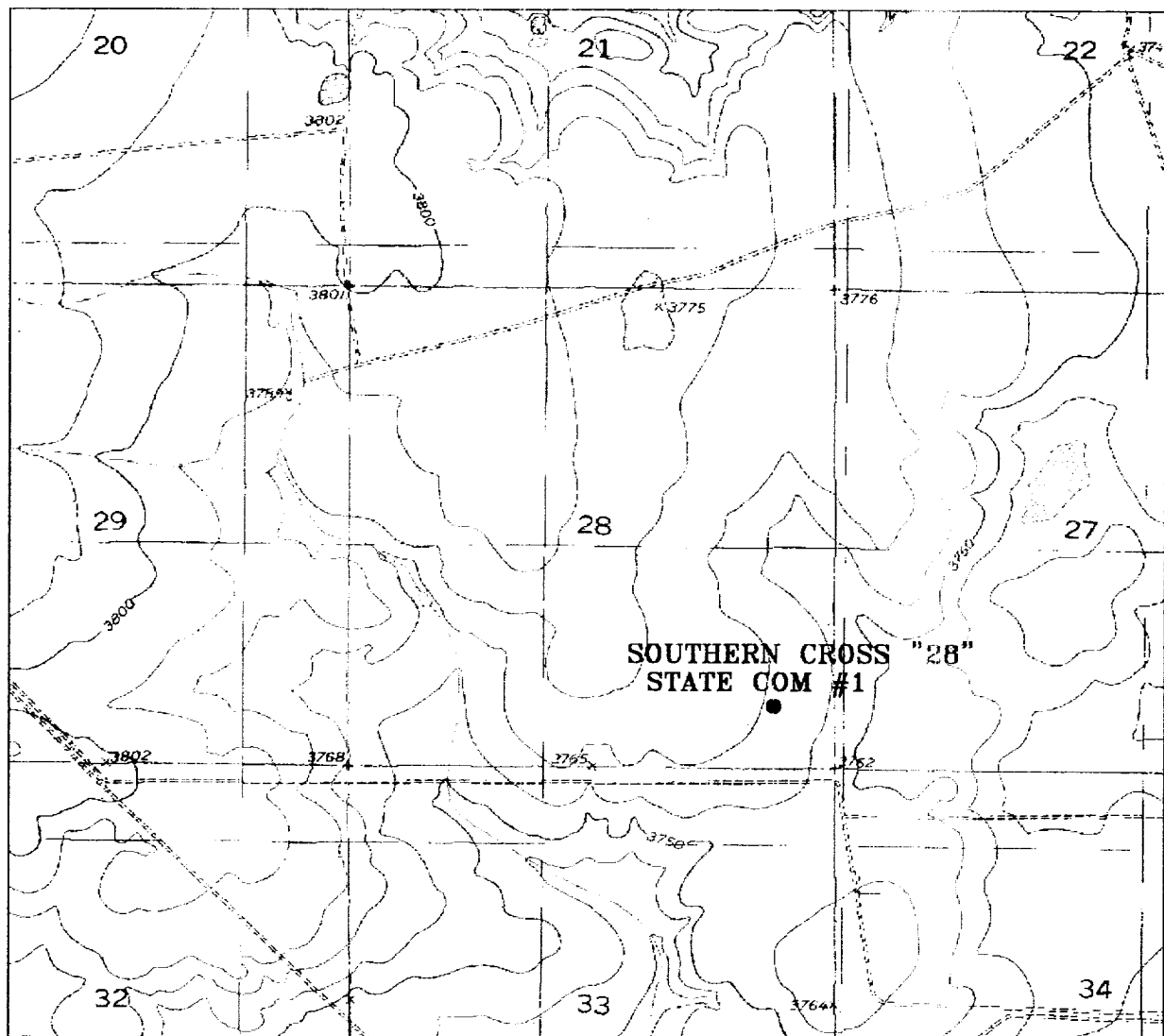
Basin Surveys P.O. BOX 1786 - HOBBS, NEW MEXICO

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

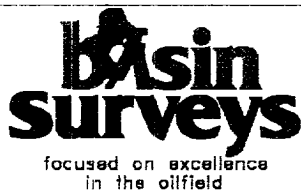
Date: 10-08-2001 Disk: KUG CD#4 - 1967A.DWG

Survey Date: 10-05-2001

Sheet 1 of 1 Sheets



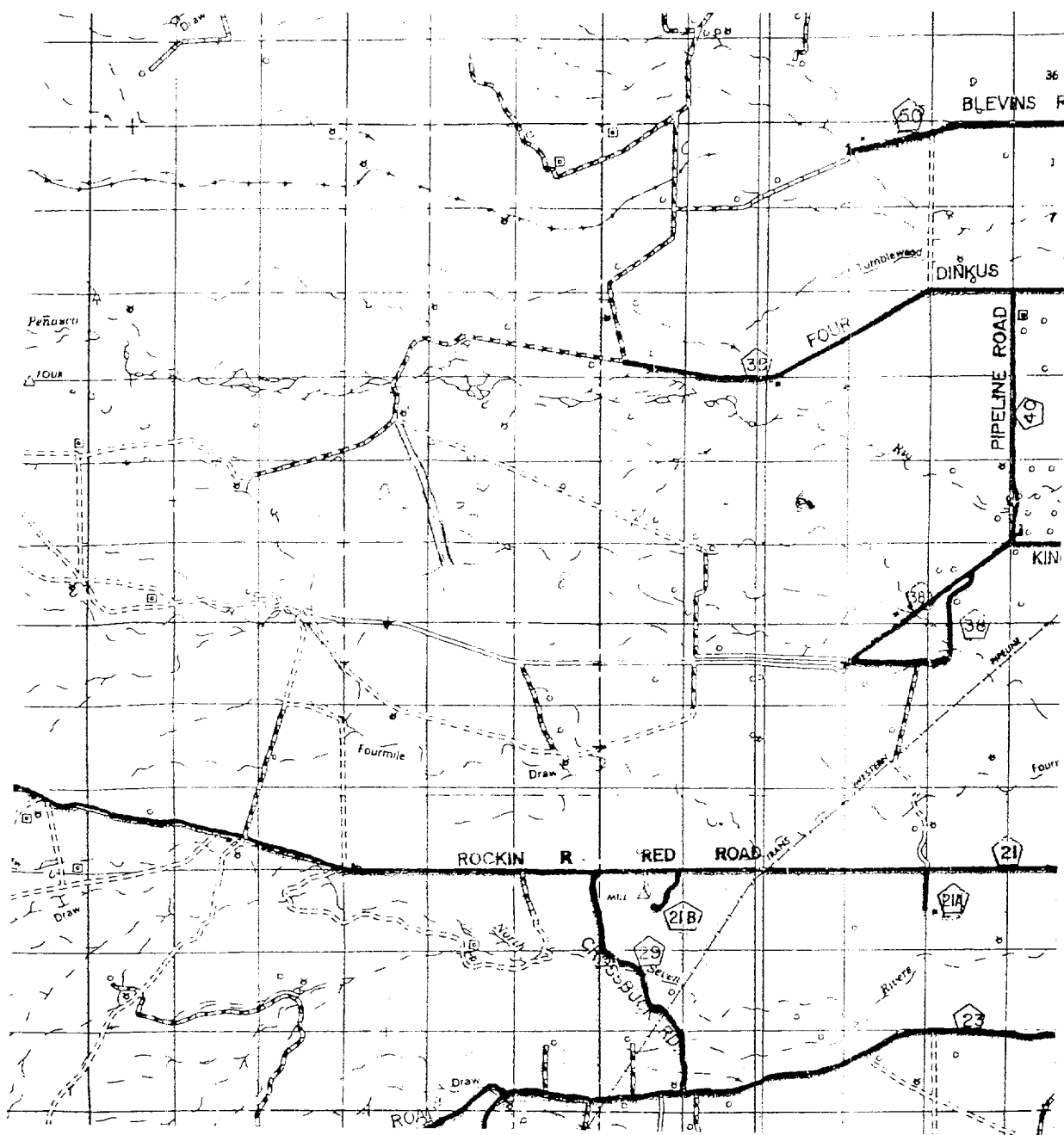
SOUTHERN CROSS "28" STATE COM #1
 Located at 660' FSL and 660' FEL
 Section 28, Township 18 South, Range 24 East,
 N.M.P.M., Eddy County, New Mexico.



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: 1967AA - KJG CD#4
 Survey Date: 10-05-2001
 Scale: 1" = 2000'
 Date: 10-08-2001

**DEVON
 ENERGY PROD.
 CO., L.P.**



SOUTHERN CROSS "28" STATE COM #1
 Located at 660' FSL and 660' FEL
 Section 28, Township 18 South, Range 24 East,
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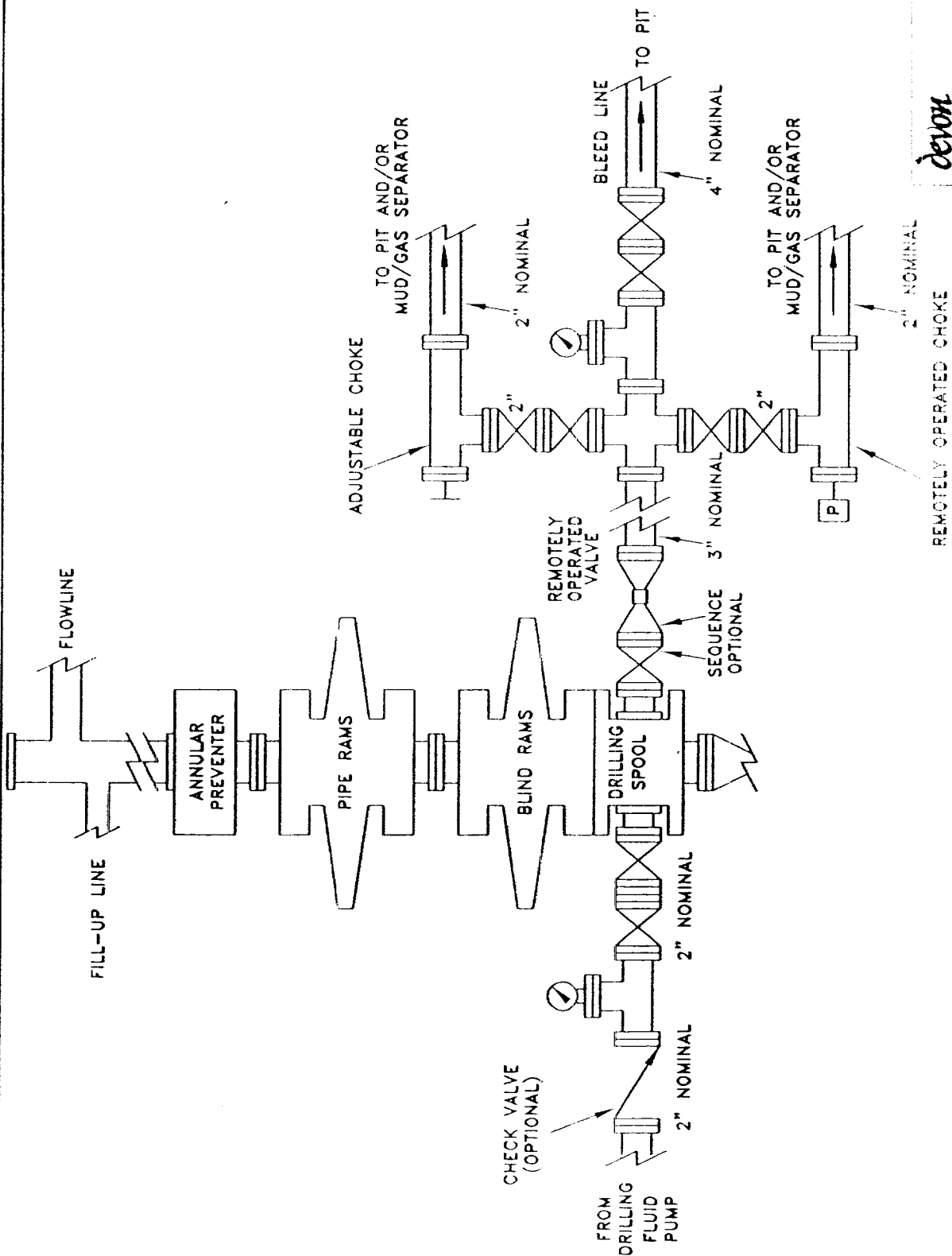
W.O. Number: 1967AA - KJG CD#4

Survey Date: 10-05-2001

Scale: 1" = 2 MILES

Date: 10-08-2001

DEVON
ENERGY PROD.
CO., L.P.



devon

AREA NAME
COUNTY, STATE

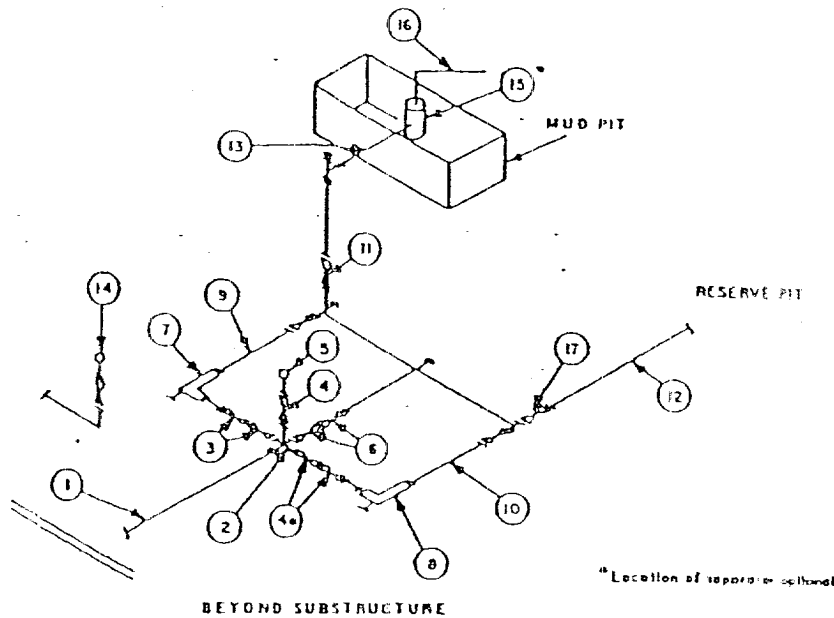
SCHEMATIC
**PROPOSED 5-M BOPE
AND CHOKE ARRANGEMENT**

s:\nm\plots
5mbopa.dwg

MINIMUM CHOKE MANIFOLD
3,000, 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			10,000
3	Valves (1) Gate Plug (2)	3-1/8"		3,000	3-1/8"		5,000	3-1/8"		10,000
4	Valve Gate Plug (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 Plug (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 Plug (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 Plug (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.