

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
OIL CONSERVATION DIV.  
8119.131ST.  
ARTESIA, NM 88210-2834

SUBMIT IN TRIPLICATE\*

(See other instructions  
reverse side)

Form approved.

C/SF

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a TYPE OF WORK: DRILL ☒ DEEPEN ☐

b TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ Other ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2 NAME OF OPERATOR

DEVON ENERGY CORPORATION (NEVADA)

6137

3 ADDRESS AND TELEPHONE NO.

20 N. BROADWAY, SUITE 1500, OKC, OK 73102 (405) 235-3611

4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 660' FSL &amp; 660' FEL

At top proposed prod. zone (SAME)

14.DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

35 miles WNW of Jal, New Mexico

15.DISTANCE FROM PROPOSED  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

660'

16.NO. OF ACRES IN LEASE

600

18.DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1220'

19.PROPOSED DEPTH

8750'

21.ELEVATIONS (Show whether DF, RT, GR, etc.)

GL 3541'

5.LEASE DESIGNATION AND SERIAL NO.

NM-NM-0544986

6.IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7.UNIT AGREEMENT NAME

N/A

8.FARM OR LEASE NAME, WELL NO.

Todd "25P" Federal #16

18410

9.API WELL NO.

30-015-28817

10.FIELD AND POOL, OR WILDCAT

Ingle Wells (Delaware)

33745

11.SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. P-25-T23S-R31E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

15.DISTANCE FROM PROPOSED  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

660'

16.NO. OF ACRES IN LEASE

600

17.NO. OF ACRES ASSIGNED  
TO THIS WELL

40

18.DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1220'

19.PROPOSED DEPTH

8750'

20.ROTARY OR CABLE TOOLS\*

Rotary

22. APPROX. DATE WORK WILL START\*

April 1, 1996

23.

## PROPOSED CASING AND CEMENTING PROGRAM

Secretary's Potash

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT*
17 1/2"	13 3/8" H-40	48#	850'	500 sx 35/65 Poz and 200 sx "C"
11"	8 5/8" J-55	32#	4350'	1600 sx 35/65 Poz and 200 sx "C"
7 7/8"	5 1/2" J-55	15.5 & 17#	8750' (Tie Back) DV Tool +/- 5500'	1st Stage 525 sx Silica Lite "H" 2nd Stage 225 sx 35/65 Poz and 400 sx "H".

Devon Energy proposes to drill to approximately 8750' to test the Delaware for commercial quantities of oil. If the Delaware is deemed non-commercial, the wellbore will be plugged and abandoned as per Federal regulations. Programs to adhere to onshore oil and gas regulations are outlined in the following exhibits and attachments.

## Drilling Program:

Surface Use and Operating Plan  
Exhibit #1/1-A - Blowout Prevention Equipment  
Exhibit #2 - Location and Elevation Plat  
Exhibit #3 - Planned Access Roads  
Exhibit #4 - Wells Within One Mile Radius  
Exhibit #5 - Production Facilities Plat  
Exhibit #6 - Rotary Rig Layout  
Exhibit #7 - Casing Program

Evidence of Bond Coverage  
Bond Coverage: Nationwide  
BLM Bond No.: CO-1104

Posted ID-1  
2-9-96  
NL & API

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Gerald T. Pepper

TITLE District Engineer

DATE December 4, 1995

\*(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY H.G. Bear J. LuceroTITLE Acting State DirectorDATE 1-30-96

See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

DISTRICT I  
P. O. Box 1980  
Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals, and Natural Resources Department

EXHIBIT 2

Form C-102  
Revised 02-10-94

Instructions on back

DISTRICT II  
P. O. Drawer DD  
Artesia, NM 88211-0719

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

Submit to the Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

☐ AMENDED REPORT

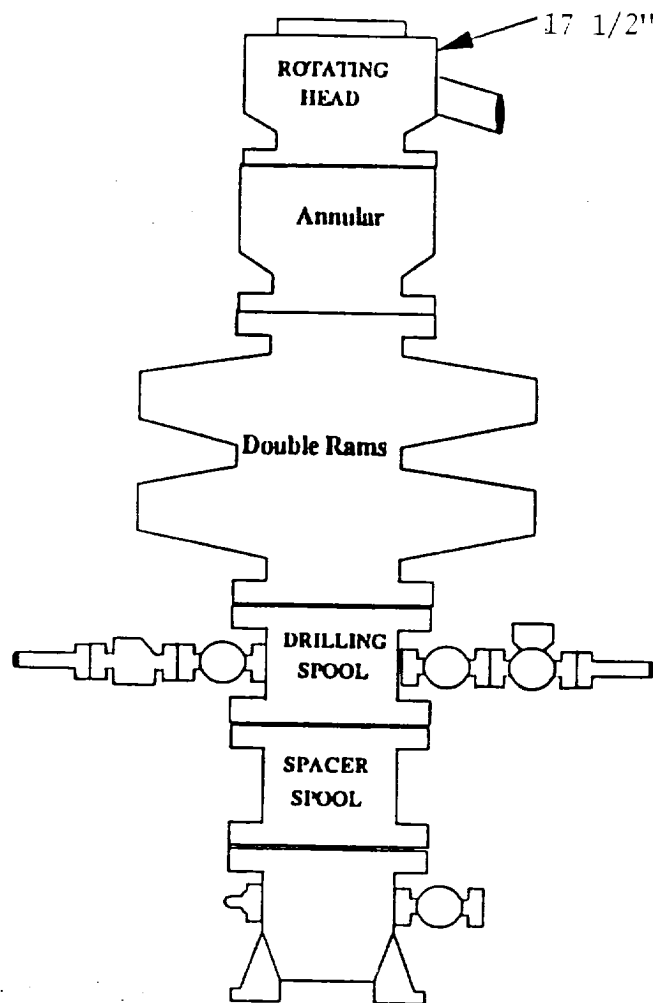
DISTRICT III  
1000 Rio Brazos Rd.  
Aztec, NM 87410

DISTRICT IV  
P. O. Box 2088  
Santa Fe, NM 87507-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

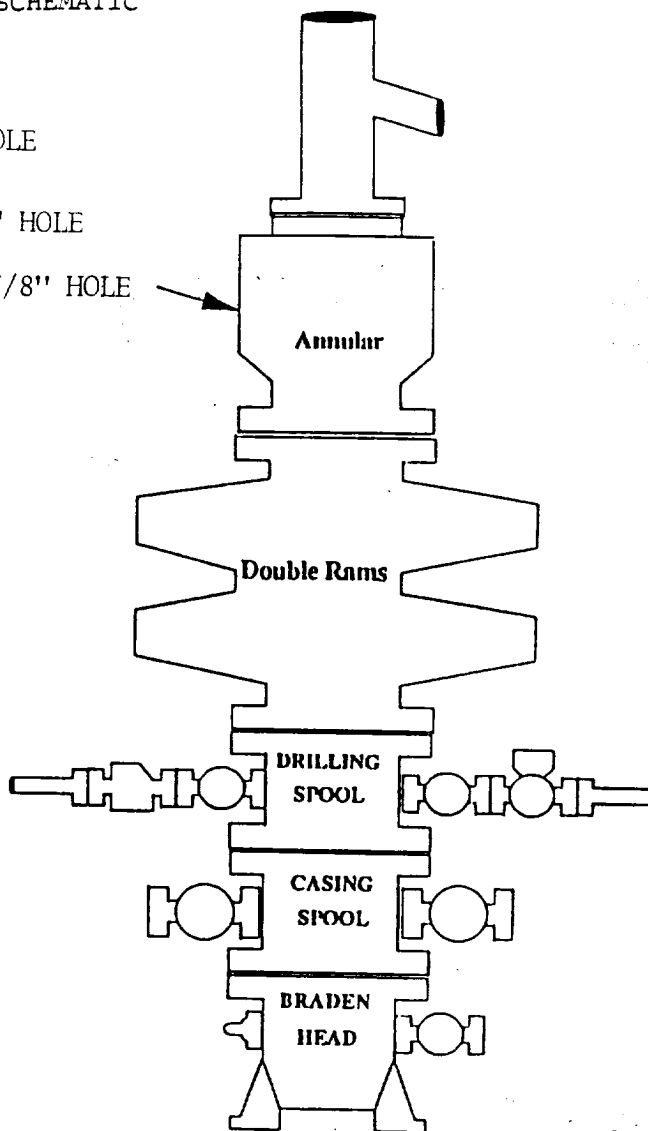
1 API Number 33-015-28817		2 Pool Code 33745		3 Pool Name Ingle Wells (Delaware)					
4 Property Code 17802		5 Property Name TODD '25' P FEDERAL						6 Well Number 16	
7 OGRID No. 6137		8 Operator Name DEVON ENERGY CORPORATION (NEVADA)						9 Elevation 3541'	
10 SURFACE LOCATION									
UL or lot no. P	Section 25	Township 23 SOUTH	Range 31 EAST, N.M.P.M.	Lot Ida	Feet from the 660'	North/South line SOUTH	Feet from the 660'	East/West line EAST	County EDDY
11 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
12 Dedicated Acres 40		13 Joint or Infill		14 Consolidation Code		15 Order No.			
NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION									
						<b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <i>Gerald T. Pepper</i> Printed Name: Gerald T. Pepper Title: District Engineer Date: December 4, 1995			
						<b>SURVEYOR CERTIFICATION</b> 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.			
						Date of Survey: AUGUST 24, 1995 REVISED: 09-14-95 V.B.			
						Signature and Seal of Professional Surveyor: <i>V. Lynn Bezner</i> V. LYNN BEZNER NO. 7920 Certified by: <i>V. L. BEZNER LAND SURVEYOR #7920</i> JOB #41154-8 / 48 SE / V.H.B.			

# BOPE SCHEMATIC

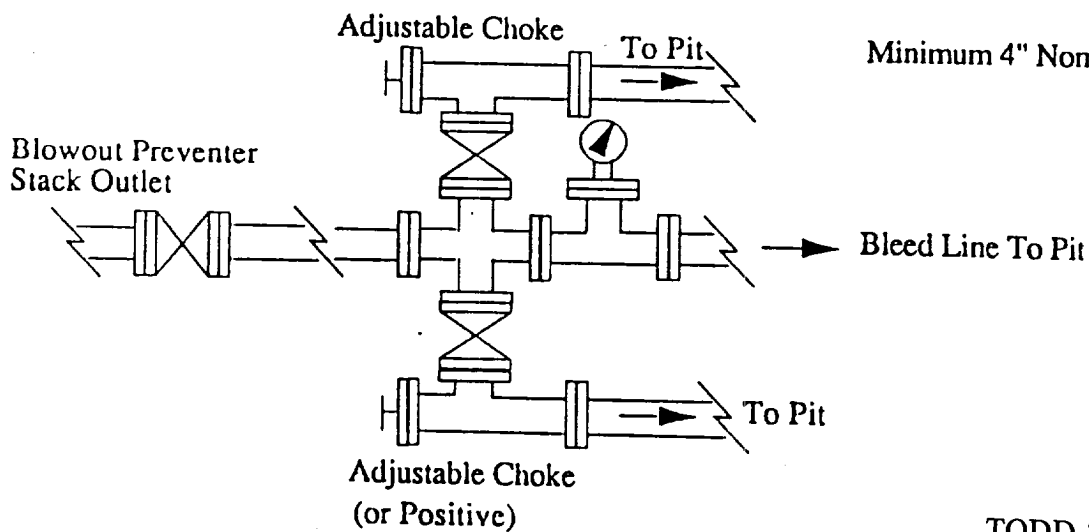


11" HOLE

7 7/8" HOLE



**Choke Manifold Requirement ( 3000 psi WP)**



**Minimum 4" Nominal choke and kill lines**

**TODD "25P" FEDERAL #16**  
**Eddy County, New Mexico**  
**Exhibit #1**

# MINIMUM BLOWOUT PREVENTER REQUIREMENT

3,000 psi Working Pressure

3 MWP

TODD "25P" FEDERAL #16  
Eddy County, New Mexico  
Exhibit #1B

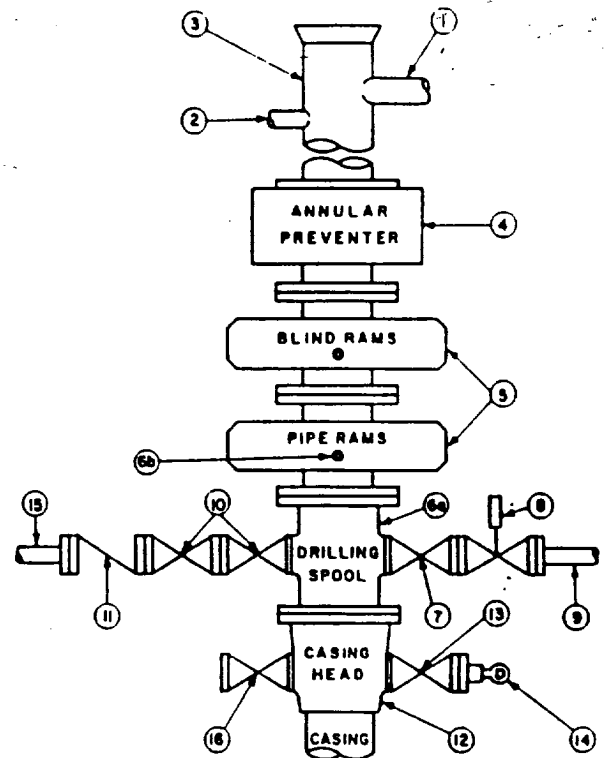
## STACK REQUIREMENTS

No	Item	Min. I.D.	Min. Nominal
1	Flowline		
2	Fill up line		2"
3	Drilling nipple		
4	Annular preventer		
5	Two single or one dual hydraulically operated rams		
6a	Drilling spool with 2" min. kill line and 3" min choke line outlets		
6b	2" min. kill line and 3" min. choke line outlets in ram. (Alternate to 6a above.)		
7	Valve Gate <input type="checkbox"/> Plug <input type="checkbox"/>	3-1/8"	
8	Gate valve—power operated	3-1/8"	
9	Line to choke manifold		3"
10	Valves Gate <input type="checkbox"/> Plug <input type="checkbox"/>	2-1/16"	
11	Check valve	2-1/16"	
12	Casing head		
13	Valve Gate <input type="checkbox"/> Plug <input type="checkbox"/>	1-13/16"	
14	Pressure gauge with needle valve		
15	Kill line to rig mud pump manifold		2"

## OPTIONAL

16	Flanged valve	1-13/16"	
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CONFIGURATION A



## CONTRACTOR'S OPTION TO FURNISH:

1. All equipment and connections above bradenhead or casinghead. Working pressure of preventers to be 3,000 psi, minimum.
2. Automatic accumulator (80 gallon, minimum) capable of closing BOP in 30 seconds or less and, holding them closed against full rated working pressure.
3. BOP controls, to be located near drillers position.
4. Kelly equipped with Kelly cock.
5. Inside blowout preventer or its equivalent on derrick floor at all times with proper threads to fit pipe being used.
6. Kelly saver-sub equipped with rubber casing protector at all times.
7. Plug type blowout preventer tester.
8. Extra set pipe rams to fit drill pipe in use on location at all times.
9. Type RX ring gaskets in place of Type R.

## MEC TO FURNISH:

1. Bradenhead or casinghead and side valves.
2. Wear bushing, if required.

## GENERAL NOTES:

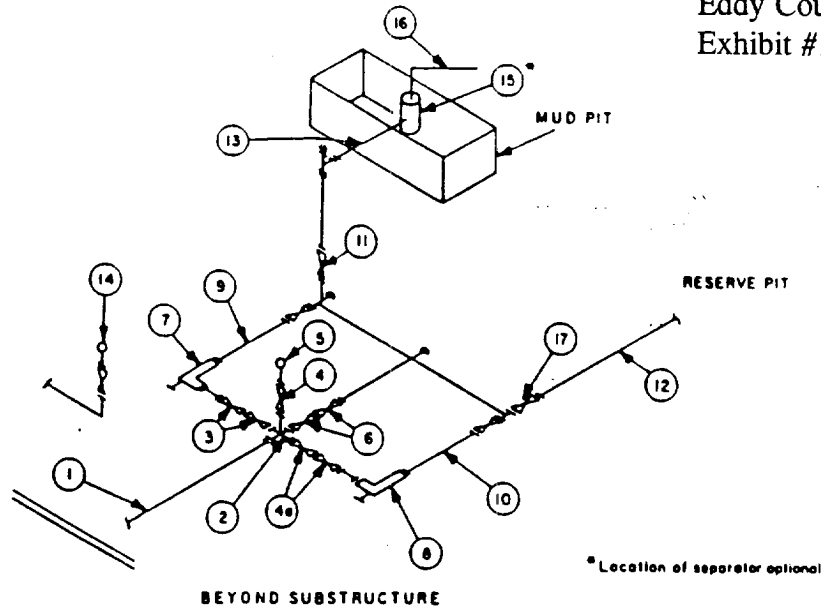
1. Deviations from this drawing may be made only with the express permission of MEC's Drilling Manager.
2. All connections, valves, fittings, piping, etc., subject to well or pump pressure must be flanged (suitable clamp connections acceptable) and have minimum working pressure equal to rated working pressure of preventers up through choke. Valves must be full opening and suitable for high pressure mud service.
3. Controls to be of standard design and each marked, showing opening and closing position.
4. Chokes will be positioned so as not to hamper or delay changing of choke beans. Replaceable parts for adjustable choke, other bean sizes, retainers, and choke wrenches to be conveniently located for immediate use.
5. All valves to be equipped with handwheels or handles ready for immediate use.
6. Choke lines must be suitably anchored.

7. Handwheels and extensions to be connected and ready for use.
8. Valves adjacent to drilling spool to be kept open. Use outside valves except for emergency.
9. All seamless steel control piping (3000 psi working pressure) to have flexible joints to avoid stress. Hoses will be permitted.
10. Casinghead connections shall not be used except in case of emergency.
11. Do not use kill line for routine fill-up operations.

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

3 MWP - 5 MWP - 10 MWP

TODD "25P" FEDERAL #16  
Eddy County, New Mexico  
Exhibit #1C



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**

1. All connections in choke manifold shall be welded, studded, flanged or Cameron clamp of comparable rating.
2. All flanges shall be API 6B or 6BX and ring gaskets shall be API RX or BX. Use only BX for 10 MWP.
3. All lines shall be securely anchored.
4. Chokes shall be equipped with tungsten carbide seats and needles, and replacements shall be available.
5. 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.
6. 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.
7. Discharge lines from chokes, choke bypass and from top of gas separator should vent as far as practical from the well.