

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN  
(See other instructions on  
reverse side)

Form approved.

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK: DRILL ☒ DEEPEN ☐

b. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ Other ☐

2. NAME OF OPERATOR: **DEVON ENERGY CORPORATION (NEVADA)**

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 **1980' FSL & 1980' FEL, Unit J, Section 14-T23S-R31E, Eddy Cnty, NM**  
At top proposed prod. zone (SAME) **R-111-P-POTASH**

5. LEASE DESIGNATION AND SERIAL NO.: **NM-NM0404441**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: **N/A**

7. UNIT AGREEMENT NAME: **N/A**

8. FARM OR LEASE NAME, WELL NO.: **Todd "14J" Federal #10**

9. PI WELL NO.: **30-015**

10. FIELD AND POOL, OR WILDCAT: **Ingle Wells (Delaware)**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: **Unit J Section 14-T23S-R31E**

12. COUNTY OR PARISH: **Eddy**

13. STATE: **New Mexico**

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: **1440**

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.: **1320'**

19. PROPOSED DEPTH: **8800'**

20. ROTARY OR CABLE TOOLS\*: **Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.): **GL 3491'**

22. APPROX. DATE WORK WILL START\*: **third quarter, 1998**

23. PROPOSED CASING AND CEMENTING PROGRAM				
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 + 200 sx Class "C"
11"	8 5/8" J-55	32#	4350'	1600 sx 35/65 Poz + 200 sx Class "C"
7 7/8"	5 1/2" J-55	15.5# & 17#	8800'	1st Stage 525 sx Silica Lite Class "H"
			DV Tool +/- 5500'	2nd Stage 225 sx 35/65 Poz + 400 sx Class "H"

Devon Energy proposes to drill to approximately 8800' 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

Exhibits #1 = Blowout Prevention Equipment

Exhibit #2 = Location and Elevation Plat

Exhibits #3 = Road Map and Topo Map

Exhibit #4 = Wells Within 1 Mile Radius

Exhibits #5 = Production Facilities Plat

Exhibit #6 = Rotary Rig Layout

Exhibit #7 = Casing Design

H<sub>2</sub>S Operating Plan

Archaeological Survey

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.

The undersigned accepts all applicable terms, conditions, stipulations and restrictions concerning operations conducted on the leased land or portions thereof, as described below.

Lease #: NM-NM0404441

Legal Description: Section 14-T23S-R31E

Bond Coverage: Nationwide

BLM Bond #: CO-1104

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS ATTACHED

SIGNED Candace R. Graham

Candace R. Graham  
TITLE Engineering Technician

DATE June 15, 1998

\*(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 /s/ Richard A. Whitney TITLE Acting

DATE 7/18/02

See Instructions On Reverse Side

APPROVED FOR 1 YEAR

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

Enter 2-12-03

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

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

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

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

☐ AMENDED REPORT

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

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1 API Number		2 Pool Code 33745		3 Pool Name Ingle Wells (Delaware)	
4 Property Code		5 Property Name TODD 14 J FEDERAL			6 Well Number 10
7 OGRID No. 6137		8 Operator Name DEVON ENERGY CORPORATION (NEVADA)			9 Elevation 3491'

**10 SURFACE LOCATION**

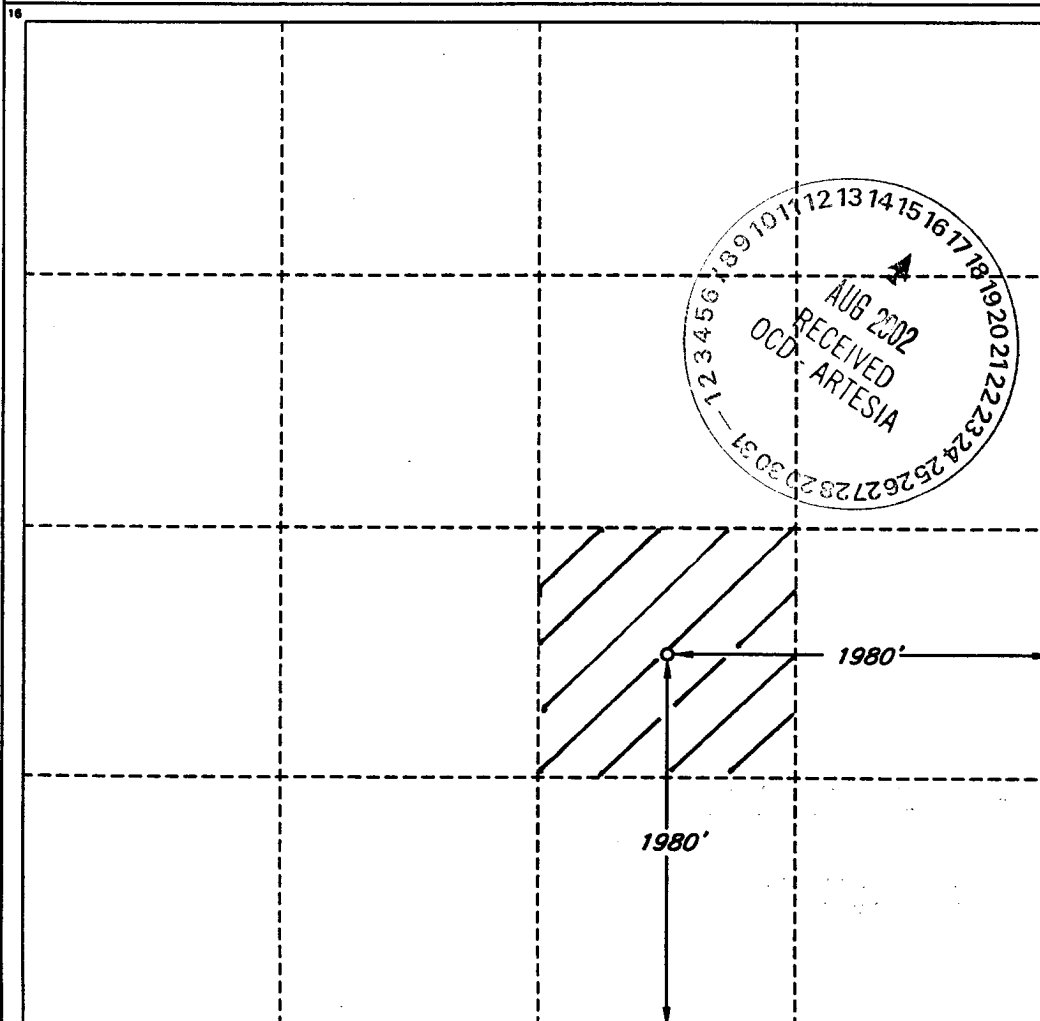
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
J	14	23 SOUTH	31 EAST, N.M.P.M.		1980'	SOUTH	1980'	EAST	EDDY

**"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.
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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



**OPERATOR CERTIFICATION**

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

Signature  
*Candace R. Graham*  
Printed Name  
Candace R. Graham  
Title  
Engineering Technician  
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.

Date of Survey  
Signature  
*ROGER M. ROBBINS*  
Professional Surveyor  
12128  
Certificate No.  
ROGER M. ROBBINS P.S. #12128  
JOB # 58445 / 47 SW / JSJ

# MINIMUM BLOWOUT PREVENTER REQUIREMENTS

3,000 psi Working Pressure

3 MWP

EXHIBIT # 1

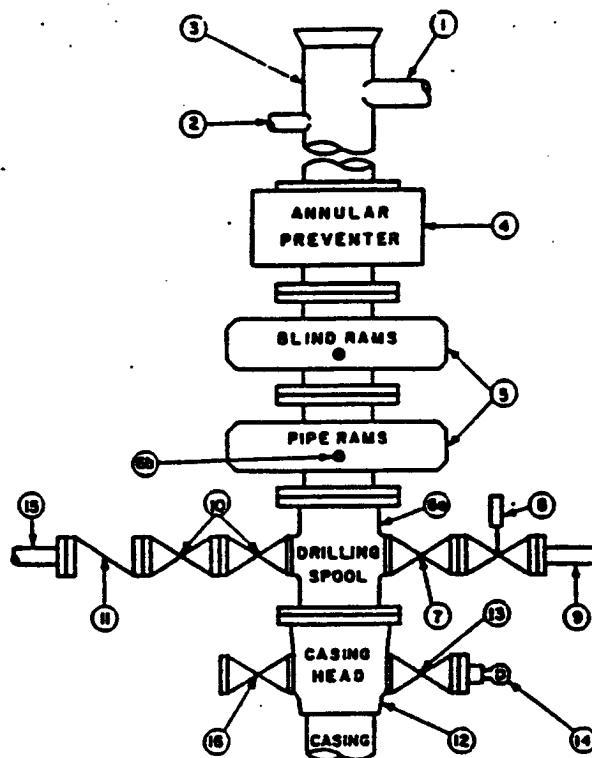
## STACK REQUIREMENTS

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 chokes. 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.