#### Form 3160-3 (December 1950)

# UNITED STATES

N.	M. Oil	Cons.	Division
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ESIA, NM 88210-2834

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Cons. Division /	STORAL STORAGE
S. 1ST ST.Form approved.	LANA.
, NM 88210-2834	$\mathcal{O}(1)$
5. LEASE DESIGNATION AND SERIAL NO.	

IN TYPE OF WELL    NAME OF OPERATION   Other   Service   Other   O	A	PPLICATION FOR PE	RMIT TO DRILL OR D	EEPEN	NM-771		
2. NAME OF OPERATOR  DEVON ENERGY CORPORATION (NEVADA)  3. ADDRESS AND TELEPHONE NO.  1. LOCATION OF WELLOW SHORT STATE CONTROLLED WITH SOME AND C	la TYPE OF WORK:	DRILL 🛛	DEEPEN			DIAR, ALLOTTEE OR TR	IBE NAME
2 NAME OF OPERATOR  DEVON ENERGY CORPORATION (NEVADA)  3. ADDRESS AND TELEPHONE NO.  20 N. BROADWAY, SUITE 1500, OKC, OK 73102 (405) 552-4511  4. LOCATION OF WELL (Export location clearly and in accordance with any State requirements)  At lump proposed prod. zone (SAME)  11. Givenage 19 within Market 19 of the confidence with any State requirements)  At lupp proposed prod. zone (SAME)  11. District 19 of STRIL 2329 FELL Unit 19   12. District 19 of STRIL 2329 FELL Unit 19   13. District 19 of STRIL 2329 FELL Unit 19   14. District 19 of STRIL 2329 FELL Unit 19   15. District 19 of STRIL 2329 FELL Unit 19   16. District 19 of STRIL 2329 FELL Unit 19   16. District 19 of STRIL 2329 FELL Unit 19   16. District 19 of STRIL 2329 FELL Unit 19   16. District 19 of STRIL 2329 FELL Unit 19   16. District 19 of STRIL 2329 FELL Unit 19   16. District 19 of STRIL 2329 FELL Unit 19   16. District 19 of STRIL 2329 FELL Unit 19   16. District 19 of STRIL 2329 FELL Unit 19   16. District 19 of STRIL 2329 FELL Unit 19   16. District 19 of STRIL 2329 FELL Unit 19   16. District 19 of STRIL 2329 FELL Unit 19   16. District 19 of STRIL 2329 FELL Unit 19   16. District 19 of STRIL 2329 FELL Unit 19   16. District 19 of STRIL 2329 FELL Unit 19   16. District 19 of STRIL 2329 FELL Unit 19   16. District 19 of STRIL 2329 FELL 23	b. TYPE OF WELL:	_			7.UNIT	AGREEMENT NAME	
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Solision			OR POST OFFICE*	/ V	12. COU	NTY OR PARISE	13. STATE
LOCATION TO MEASER   FT.   605'   40   105'   105	Approximately 7 mile	s southeast of Artesia, NM		N	Eddy (	County	New
SECURITY OF LIMIT LINE CONTROLLED WATER DASH  CARDING WILL OR STATE LINE, PT. 450'  13. SECURITY OF CONTROLLED CONTROLLED  CR 3381'  PROPOSED CASING AND CEMENTING PROGRAM  21. SELVATIONS (Show whether DF, RT, GR, rec.)  22. SELVATIONS (Show whether DF, RT, GR, rec.)  23. PROPOSED CASING AND CEMENTING PROGRAM  24. STORY OF CABLE TOOLS?  PROPOSED CASING AND CEMENTING PROGRAM  25. APPROVAL DATE  PROPOSED CASING AND CEMENTING PROGRAM  26. APPROVAL DATE  27. APPROVAL DATE  PROPOSED CASING AND CEMENTING PROGRAM  28. APPROVAL DATE  PROPOSED CASING AND CEMENTING PROGRAM  28. APPROVAL DATE  PROPOSED CASING AND CEMENTING PROGRAM  29. APPROVAL DATE  PROPOSED CASING AND CEMENTING PROGRAM  29. APPROVAL DATE  PROPOSED CASING AND CEMENTING PROGRAM  21. SETTING DEPTH OUNTING PROGRAM  21. SETTING DEPTH OUNTING PROGRAM  22. APPROVAL DATE  PROPOSED CASING AND CEMENTING PROGRAM  22. APPROVAL DATE  PROPOSED CASING AND CEMENTING PROGRAM  21. SETTING DEPTH OUNTING PROGRAM  29. APPROVAL DATE  APPROVAL DAT				1 805			
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CR 3381'  23. APPROVAL DATE  ROBERT PROPOSED CASING AND CEMENTING PROGRAM  24. APPROVAL DATE  ROBERT PROPOSED CASING AND CEMENTING PROGRAM  25. APPROVAL DATE  PROPOSED CASING AND CEMENTING PROGRAM  PROPOSED CASING PROFR  PROPOSED CASING PROCRAM  PROPOSED CASING PROFR  PROPOSED CASING PR	18.DISTANCE FROM PROP	OSED LOCATION*		16		20.ROTARY OR CA	ABLE TOOLS*
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23. PROPOSED CASING AND CEMENTING PROGRAM  #ILENT PER FOOT *ILENT PER FOOT *IL		ether DF, RT, GR, etc.)					ILL START*
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## STATE OF BOLE    GRADE, RIEE OF CANING   STATES OF CHAING   STATES	22		7707077				
17 12"		GRADE, SIZE OF CASING	PROPOSED CASING AND (			OUT VIEW OF	
12 14"   8 5/8", 1-55   24 ppf   1150'   WITNESS   350 sx Lite + 200 sx Class C   77/8"   250 sx Lite + 350 sx Class C   250 sx Lite + 250 sx Class C   250 sx Cl	17 1/2"	14"	Conductor				OF CEMENT
**Comment will be circulated to surface on all casing strings.  **Devon Energy plans to drill to 3400" +/- to test the San Andres Formation for commercial quantities of oil. If the San Andres is deemed non-commercial, the wellbore will be plugged and abandoned 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**  **Drilling Program**  **Surface Use and Operating Plan**  **Exhibit #1 - Blowout Prevention Equipment/**  **Choke Manifold**  **Exhibit #3 - Blowout Prevention Equipment/**  **Choke Manifold**  **Exhibit #3 - Location and Elevation Plat**  **Exhibit #4 - Wells Within a One Mile Radius Exhibit #6 - Rotary Rig Layout**  **Exhibit #7 - Casing Design Parameters and Factors**  **Exhibit #7 - Casing Design Parameters and Factors**  **Exhibit #7 - Rotary Rig Layout**  **SPECIAL STIPULATIONS**  **ATTACHED**  **ITTLE DISTRICT Engineer**  **TITLE DISTRICT Engineer**  **TITLE DISTRICT Engineer**  **TITLE DISTRICT Engineer**  **TITLE DISTRICT Engineer**  **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 done to the chased and proposed new productive cone and proposed new productive cone and proposed new productive cone and proposed new productive zone. If play and the cone of the co	12 1/4"	8 5/8", J-55	24 ppf	1150'	WITHERR		r Class C
*Cement will be circulated to surface on all casing strings.  **ROSWELL CONTROLLED WATER BASIN**  **Devon Energy plans to drill to 3400' +/- to test the San Andres Formation for commercial quantities of oil. If the San Andres is deemed non-commercial, the wellbore will be plugged and abandoned per Federal regulations. Programs to adhere to onshore oil and gas regulations are outlined in the following exhibits and attachments.  **Drilling Program**  **Durface Use and Operating Plan**  **Surface Use and Operating Plan**  **Surface Use and Operating Plan**  **Exhibit #1.** Blowout Prevention Equipment/*  **Choke Manifold**  **Exhibit #3.** Planned Access Roads**  **Exhibit #3.** Planned Access Roads**  **Exhibit #3.** Production Facilities Plan**  **Exhibit #3.** Production Facilities Plan**  **Exhibit #6.** Rotary Rig Layout**  **Exhibit #8.** Production Facilities Plan**  **Exhibit #8.** Production Facilities Plan**  **Exhibit #8.** Casing Design Parameters and Factors**  **Exhibit #8.** Production Facilities Plan**  **Exhibit #8.** Production Facilities Plan**  **Subject Described 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.  **SIGNED**  **SIGNED**  **SIGNED**  **E. L. BUTTROSS, JR.*  **TITLE DISTRICT ENGINEER**  **DATE PROVAL DATE**  **Application approval does not warrant or certify that the applicant holds legal or equitable tide to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  **CONDITIONS OF APPROVAL, IF ANY:**  **Acting**  **Acting**  **Acting**  **Assistant Field Office Manager**	7 7/8"	5 1/2", J-55	15.5 ppf	3400'	WILLESS		
SIGNED E. J. BUTTROSS, JR. TITLE DISTRICT ENGINEER DATE DISTRICT ENGINEER  *(This space for Federal or State office use)  PERMIT NO	Exhibit #1 - Blowout P Choke M Exhibit #2 - Location a Exhibit #3 - Planned A Exhibit #4 - Wells Wit Exhibit #5 - Production Exhibit #6 - Rotary Ri Exhibit #7 - Casing De Exhibit #8 - H <sub>2</sub> S Opera IN ABOVE SPACE Di proposal is to drill or d any.	revention Equipment/ anifold and Elevation Plat access Roads hin a One Mile Radius an Facilities Plan g Layout sign Parameters and Factors ating Plan ESCRIBE PROPOSED PROGR	operations conduc  Bond Coverage: BLM Bond File N  AM: If proposal is to deepen, give	Nationwide  Oo.: CO-1104	APPROVAL SU GENERAL RE SPECIAL STIF ATTACHED	JBJECT TO QUIREMENTS PULATIONS	POST FO- 11-13-92 APIY LICE AN
Acting Assistant Field Office Manager	*(This space for Federal NO	eral or State office use) not warrant or certify that the applic		RICT ENGINEE	L DATE	D/7/93	et operations
Assistant Field Office Manager	CONDITIONS OF API	PROVAL, IF ANY:	Acting				
	APPROVED BY	ORIG. SGD.) ARMANDO A. LO	PEZ A		rale	TENOV 0	6 1900

See Instructions On Reverse Side

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

#### State of New Mexico

Snergy, Minerals and Natural Resources Department

EXHIBIT#

Form C-102

Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

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

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

## OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 51300	Pool Name Red Lake (Q-GB-SA)	
Property Code	Property N WEST RED LAKE	· · · · · · · · · · · · · · · · · · ·	Well Number 88
OGRID No. 6137	Operator N DEVON ENERGY CO	1	Elevation 3381

#### Surface Location

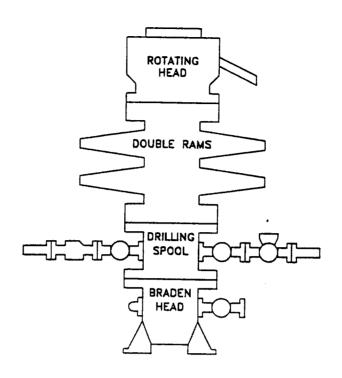
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
В	7	18 S	27 E		605	NORTH	2320	EAST	EDDY

### Bottom Hole Location If Different From Surface

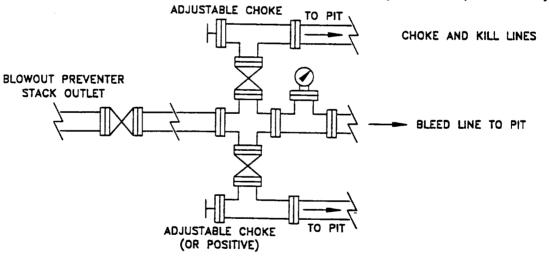
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint o	r Infili Co	nsolidation	Code Or	der No.		<u> </u>	<u>I</u>	<u> </u>

## 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

	OR A NON-STANDARD UNIT HAS BEEN APPROVED BY T	THE DIVISION
LOT 1	3361.3' \$\frac{1}{12}\$ 3393.9' 2320'	OPERATOR CERTIFICATION  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  E. L. C. Signature
LOT 2		E.L. Buttross, Jr.  Printed Name    District Engineer  Title    10/7/98  Date  SURVEYOR CERTIFICATION
LOT 3		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 supervison and that the same is true and correct to the best of my belief.  September 02 1998  Date Surveyed SEARY L JONES
LOT 4		Signature Seed Service Seed Seed Service Seed Seed Seed Seed Seed Seed Seed Se



## CHOKE MANIFOLD REQUIREMENT (2000 psi WP)



WEST RED LAKE AREA

BLOWOUT PREVENTOR

Q:\..\PROJECTS\EXPANDED
WRLBOP

23

8/90

#### Attachment to Exhibit #1

### NOTES REGARDING BLOWOUT PREVENTORS

## West Red Lake Unit #88 Eddy County, New Mexico

- 1. Drilling nipple will be constructed so it can be removed mechanically without the aid of a welder. The minimum internal diameter will equal BOP bore.
- 2. Wear ring will be properly installed in head.
- 3. Blowout preventor and all associated fittings will be in operable condition and tested to 1000 psi with the rig pump.
- 4. All fittings will be flanged.

4.

- 5. A full bore safety valve with proper thread connections will be available on the rotary rig floor at all times.
- 6. All choke lines will be anchored to prevent movement.
- 7. All BOP equipment will be equal to or larger in bore than the internal diameter of the last casing string.
- 8. Will maintain a Kelly cock attached to the Kelly.
- 9. Hand wheels and wrenches will be properly installed and tested for safe operation.
- 10. All BOP equipment will meet API standards and include a minimum 40 gallon accumulator having two independent means of power to initiate closing operation.