Form 3160-3
(December 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

N.M. Oil Cons. Division
811 S. 1st St.
Artesia, NM 88210-2834

Form approved.

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a TYPE OF WORK: DRILL ☐ DEEPEN ☐ RE-ENTER ☒

b TYPE OF WELL: WIW
OIL WELL ☒ GAS WELL ☐ Other P&A'd 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 **2310' FSL & 2970' FEL of Section 19**

At top proposed prod. zone (SAME) Unit K

5.LEASE DESIGNATION AND SERIAL NO.
LC-031844

6.IF INDIAN, ALLOTTEE OR TRIBE NAME

7.UNIT AGREEMENT NAME

8.FARM OR LEASE NAME, WELL NO.
Fren Oil Company #8 20079

9.API WELL NO.
30-015-05256

10.FIELD AND POOL, OR WILDCAT
Grayburg-Jackson Field

11.SEC.,T.,R.,M.,OR BLOCK AND SURVEY OR AREA
Section 19 - T17S - R31E

14.DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
4 miles east of Loco Hills, NM

12. COUNTY OR PARISH: **Eddy County**

13. STATE: **NM**

15.DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line if any)	16.NO. OF ACRES IN LEASE	17.NO. OF ACRES ASSIGNED TO THIS WELL
2310'	200	40
18.DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	**19.PROPOSED DEPTH**	**20.ROTARY OR CABLE TOOLS***
765'	3615'	Rotary

21.ELEVATIONS (Show whether DF, RT, GR, etc.)
DF=3613'

22. APPROX. DATE WORK WILL START*
March 1, 1997

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12"	8 5/8"	24#	505'	75 sxs TOC @ 370'(calculated)
8 1/2"	7" J-55	20#	1792'	130 sxs TOC @ 1110'(calculated)
6 1/4"	4 1/2" J-55	9.5#	3578'	465 sxs TOC @ 170'(temp survey)

Current: Plugged & Abandoned (as of 3/24/76)

Proposed: Convert to Water Injection Well as follows:

1. **Drill out cement plugs and clean out wellbore to TD at 3615'.**
2. **Run and set CIBP @ 3570'.**
3. **Selectively perforate the interval 2650'- 3300'(OA).**
4. **Set Baker AD-1 injection packer on 2 3/8"(IPC) tubing at 2600'.**
5. **Inject through perforations 2650'- 3300'(OA).**

Guidelines which adhere to onshore oil and gas regulations are outlined in the following attachments and exhibits.

BLM Bond No. CO1151

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 Charles H Carleton — Charles H. Carleton — TITLE Sr. Engineering Tech. — DATE January 24, 1997

*(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 (ORIG. SGD.) JAMES G. PETTENGILL TITLE Acting ADM, MINERALS DATE _____

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

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

DISTRICT III
1000 Rio Brazos Rd.
Aztec, NM 87410

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

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

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

Form C-102
Revised 02-10-94

Instructions on back

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
		Grayburg Jackson

4 Property Code	5 Property Name	6 Well Number
20079	FREN OIL COMPANY	8

7 OGRID No.	8 Operator Name	9 Elevation
6137	DEVON ENERGY CORPORATION	3612'

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
K	19	17 SOUTH	31 EAST, N.M.P.M.		2315'	SOUTH	2068'	WEST	EDDY

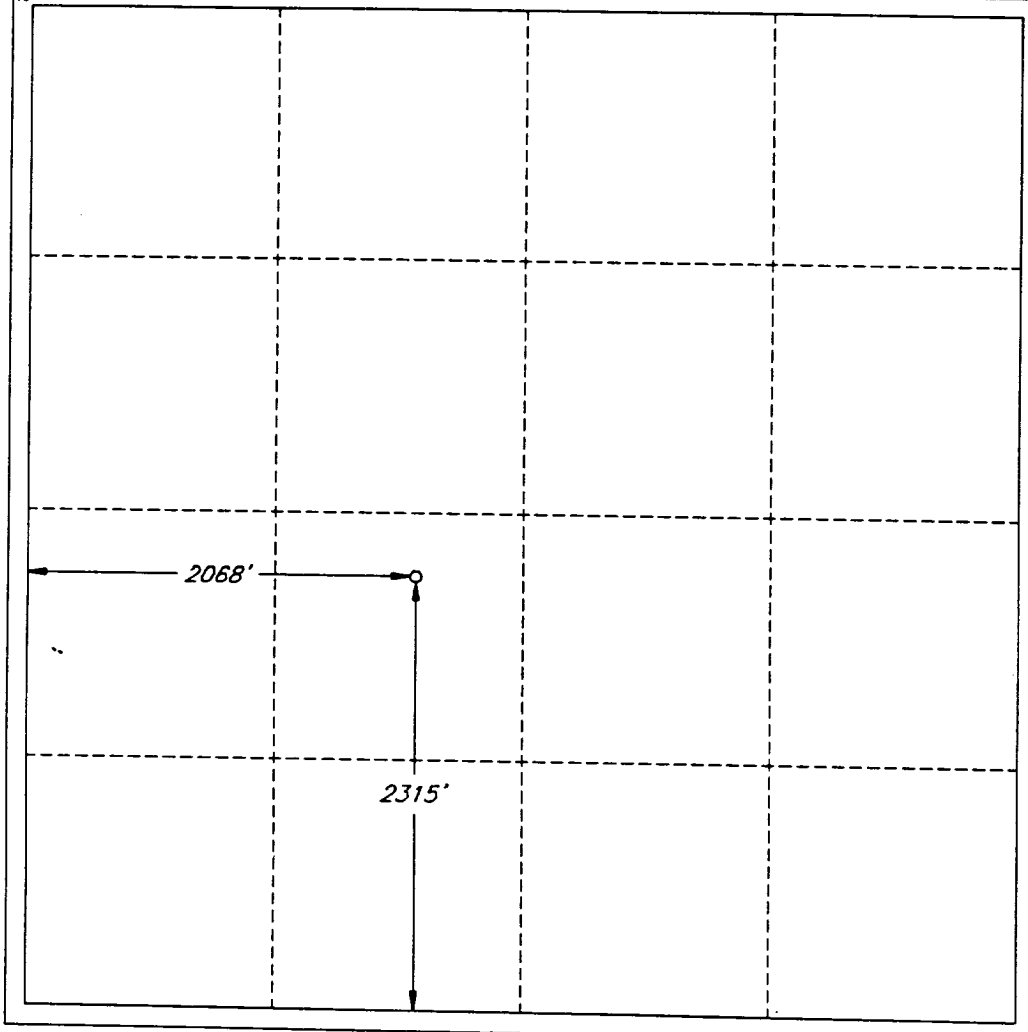
11 BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE

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	13 Joint or Infill	14 Consolidation Code	15 Order No.
40			

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

16



OPERATOR CERTIFICATION

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

Signature: Randy Jackson

Printed Name: Randy Jackson

Title: District Engineer

Date: 1/24/97

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: JANUARY 16, 1997

Signature and Seal of Professional Surveyor

STATE OF NEW MEXICO
V. LYNN BEZNER
NO. 7920

Certificate No. V. L. BEZNER R.P.S. #7920

JOB #49493-3-7-98 SW / V.H.B.

EXHIBIT 2

EXHIBIT 1

MINIMUM BLOWOUT PREVENTER REQUIREMENTS

3000 psi Working Pressure

3 MWP

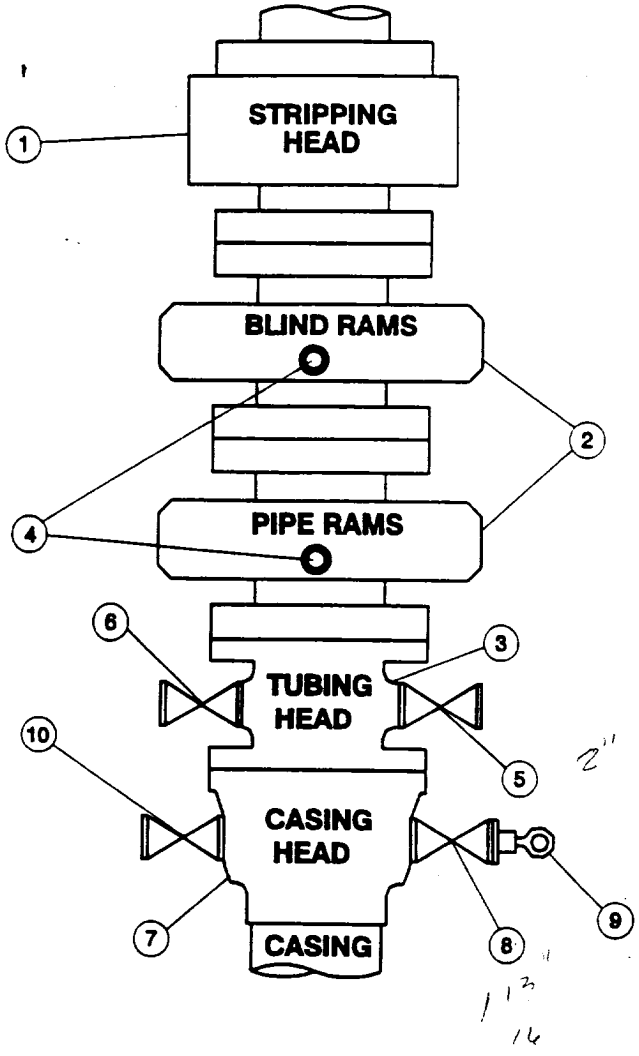
STACK REQUIREMENTS

No.	Item	Min. I.D.	Min. Nominal
1	Stripping head		
2	Two single or one dual hydraulically operated rams		
3	Tubing head W/2-2" outlets		
4	2" min. kill line and 3" min. choke line outlets in ram. (alternate to 3 above)		
5	Valve Gate ☐ Plug ☐	2"	
6	Valve Gate ☐ Plug ☐	2"	
7	Casing head		
8	Valve Gate ☐ Plug ☐	1-13/16"	
9	Pressure gage with needle valve		

OPTIONAL

10	Flanged valve	1-13/16"	

CONFIGURATION A



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 pump pressure must have minimum 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. All valves to be equipped with handwheels or handles ready for immediate use.
5. Choke lines must be suitably anchored.
6. Handwheels and extensions to be connected and ready for use.
7. All seamless steel control piping (3000 psi working pressure) to have flexible joints to avoid stress. Hoses will be permitted.
8. Casinghead connections shall not be used except in case of emergency.

GUIDELINES FOR BLOWOUT PREVENTERS

1. Drilling nipple will be constructed so it can be removed mechanically without the aid of a welder. The minimum internal diameter will equal BOPE bore.

2. Wear ring will be properly installed in head.

3. Blowout preventer and all associated fittings will be in operable condition to withstand a minimum 3000 psi working pressure.

4. All fittings will be flanged.

5. A full bore safety valve tested to 3000 psi working pressure with proper thread connections will be available on the 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.