

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*

OIL CONSERVATION DIV.

Form approved.

811 S. 1st S

ARTESIA, NM 88210-2884

5. LEASE DESIGNATION AND SERIAL NO.

NA-28846

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA7. UNIT AGREEMENT NAME  
NA8. FARM OR LEASE NAME, WELL NO.  
Hawk "9F" Federal #7 191339. API WELL NO.  
30-015- 7902610. FIELD AND POOL, OR WILDCAT  
Red Lake (Q-GB-SA) 5130011. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Section F-9-T18S-R27E12. COUNTY OR PARISH  
Eddy County13. STATE  
New Mexico

## 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)

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 1500' FNL &amp; 1650' FWL

UNORTHODOX

Subject to

At top proposed prod. zone (SAME)

LOCATIONS

Like Approved

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

Approximately 7 miles southeast of Artesia, NM

15. DISTANCE FROM PROPOSED  
LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

180'

(Also to nearest drg. unit line if any)

18. DISTANCE FROM PROPOSED LOCATION\*

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

550'

16. NO. OF ACRES IN LEASE

80

19. PROPOSED DEPTH

2500'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS\*

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
GL 3535'22. APPROX. DATE WORK WILL START\*  
July 23, 1996

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	14"	Conductor	40'	Redimix
12 1/4"	8 5/8", J-55	24 ppf	1000'	300 sx Lite + 200 sx Class C
7 7/8"	5 1/2", J-55	15.5 ppf	2500'	100 sx Lite + 200 sx Class C

\* Cement will be circulated to surface on all casing strings.

Devon Energy plans to drill to 2500' +/- 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

Exhibit #1 - Blowout Prevention Equipment

Exhibit #1-A - Choke Manifold

Exhibit #2 - Location and Elevation Plat

Exhibit #3 - Planned Access Roads

Exhibit #4 - Wells Within a One Mile Radius

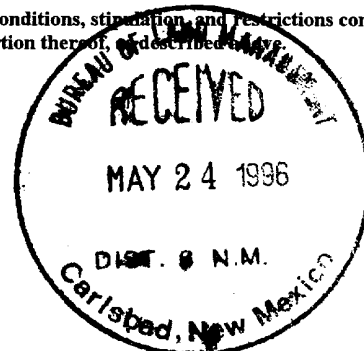
Exhibit #5 - Production Facilities Plan

Exhibit #6 - Rotary Rig Layout

Exhibit #7 - Casing Design Parameters and Factors

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

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

Bond Coverage: Nationwide  
BLM Bond File No.: CO-1104Post FD-1  
7-5-96  
New Loc & A.P.E.

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

E. L. Buttross, Jr.

E. L. BUTTROSS, JR.  
TITLE DISTRICT ENGINEER

DATE

May 23, 1996

\*(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:

FOR THE SUBJ. RICHARD L. MANIS

APPROVED BY

TITLE

DATE

JUL 28 1996

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 88240

State of New Mexico

Energy, Minerals and Natural Resources Department

EXHIBIT 2

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 <b>30-015-29026</b>	Pool Code <b>51300</b>	Pool Name <b>Red Lake (O-GB-SA)</b>
Property Code	Property Name <b>Mann Federal Hawk "9F" Federal</b>	Well Number <b>2 7</b>
OGRID No. <b>6317</b>	Operator Name <b>Devon Energy Corporation (Nevada)</b>	Elevation <b>3535'</b>

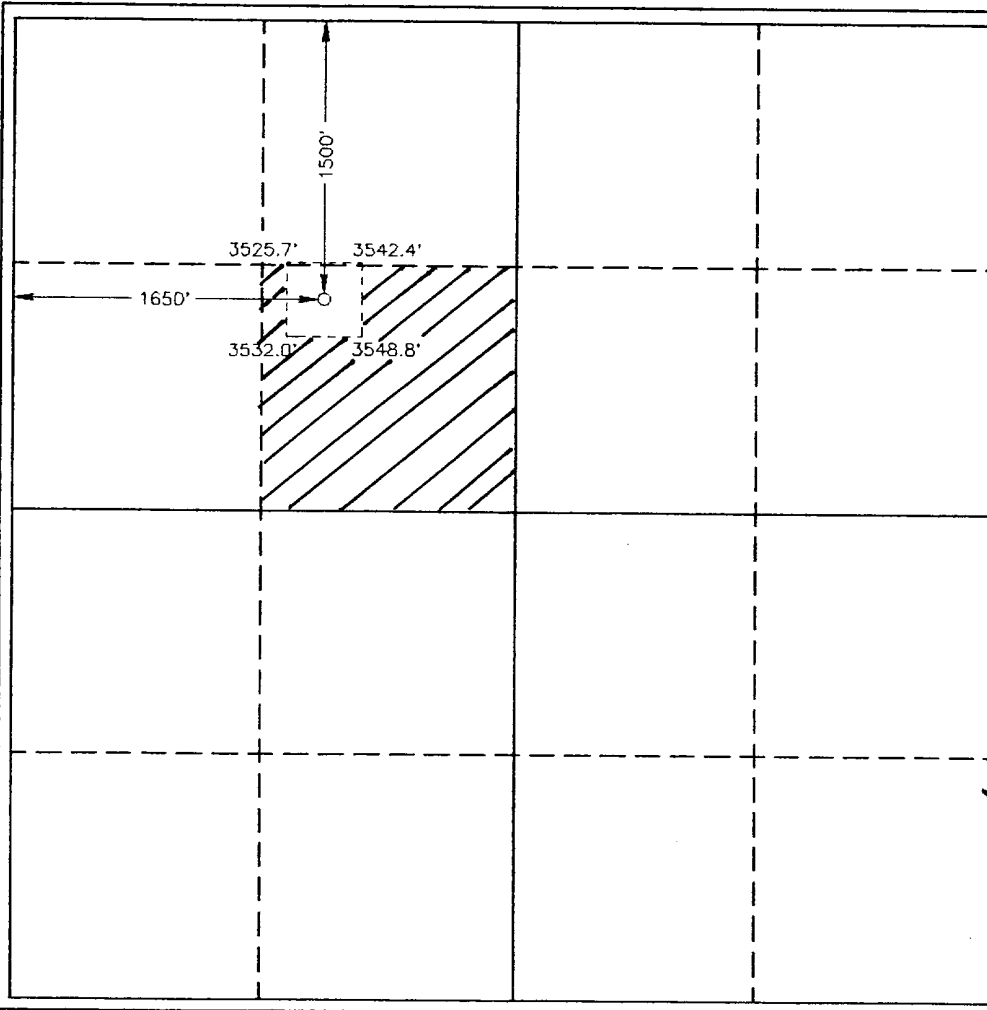
Surface Location

UL or lot No. <b>F</b>	Section <b>9</b>	Township <b>18 S</b>	Range <b>27 E</b>	Lot Idn	Feet from the <b>1500</b>	North/South line <b>North</b>	Feet from the <b>1650</b>	East/West line <b>West</b>	County <b>Eddy</b>
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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 <b>40</b>	Joint or Infill	Consolidation Code	Order No.						

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

	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>E. L. Buttross, Jr.</u> Signature</p> <p><u>E. L. Buttross, Jr.</u> Printed Name</p> <p><u>District Engineer</u> Title</p> <p>_____ Date</p>
	<p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p><b>March 14, 1996</b> Date Surveyed</p> <p>_____ Signature &amp; Seal of Professional Surveyor</p> <p><b>W.O. No. 60930</b> Certificate No. Gary L. Jones 7977</p> <p><b>BASIN SURVEYS</b></p>

Attachment to Exhibit #1  
NOTES REGARDING BLOWOUT PREVENTORS  
Devon Energy Corporation (Nevada)  
Hawk "9F" Federal #7  
1500' FNL & 1650' FWL  
Section F-9-T18S-R27E  
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 to withstand a minimum 3000 psi working pressure.
  4. All fittings will be flanged.
  5. A full bore safety valve tested to a minimum 3000 psi WP 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. Hydraulic floor control for blowout preventor will be located as near in proximity to driller's controls as possible.
  11. All BOP equipment will meet API standards and include a minimum 40 gallon accumulator having two independent means of power to initiate closing operation.
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