

## OCD-ARTESIA

F-06-06

0657

Form 3160-3  
(April 2004)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0117  
Expires March 31, 20075. Lease Serial No.  
NM-77042

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA Agreement, Name and No.

36233  
8. Lease Name and Well No.  
Ford Federal #1

9. API Well No.

30-015-35086

10. Field and Pool, or Exploratory

Square Lake Grayburg/San Andres

11. Sec., T. R. M. or Blk. and Survey or Area

Unit E, Section 20, T-16S, R-31E

12. County or Parish

Eddy

13. State

NM

1a. Type of work: ☒ DRILL ☐ REENTER1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone

2. Name of Operator

Trinity Resources, LLC

3a. Address 200 W. 1st Street  
Roswell, NM 882013b. Phone No. (include area code)  
505-258-2029

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

At surface 1880 FNL - 330 FWL

At proposed prod. zone a/a

14. Distance in miles and direction from nearest town or post office\*  
10 Miles15. Distance from proposed\*  
location to nearest  
property or lease line, ft.  
(Also to nearest drig. unit line, if any)  
330 ft16. No. of acres in lease  
320.017. Spacing Unit dedicated to this well  
40.018. Distance from proposed location\*  
to nearest well, drilling, completed,  
applied for, on this lease, ft.  
330' P/A19. Proposed Depth  
4000'

20. BLM/BIA Bond No. on file

Irrevocable Letter of Credit

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
3930' GL22. Approximate date work will start\*  
03/15/200623. Estimated duration  
15-20 days

24. Attachments

Roswell Controlled Water Basin

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the  
SUPO shall be filed with the appropriate Forest Service Office).4. Bond to cover the operations unless covered by an existing bond on file (see  
Item 20 above).

5. Operator certification

6. Such other site specific information and/or plans as may be required by the  
authorized officer.

25. Signature

Name (Printed/Typed)

Sam L. Shackelford

Date

2-24-06

Title

Agent

Approved by (Signature)

/s/ James Stovall

Name (Printed/Typed)

/s/ James Stovall

Date

AUG 08 2006

Title ACTING  
FIELD MANAGER

Office

CARLSBAD FIELD OFFICE

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, are attached.

APPROVAL FOR 1 YEAR

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

\*(Instructions on page 2)

DECLARED WATER BASIN  
CEMENT BEHIND THE 8'8"  
CASING MUST BE CIRCULATED

WITNESS

Bureau of Land Management  
Received

MAR

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

2006

Carlsbad Field  
Carlsbad, N.M.If earthen pits are used in  
association with the drilling of this  
well, an OCD pit permit must be  
obtained prior to pit construction.

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form 102  
 Revised October 12, 2005  
 Submit to appropriate District Office  
 State Case - 4 Copies  
 Fee Case - 2 Copies  
 AMENDED REPORT

<sup>1</sup> API Number		<sup>2</sup> Pool Code S7570		<sup>3</sup> Pool Name Square Lake - Grayburg - San Nudo	
<sup>4</sup> Property Code	<sup>5</sup> Property Name Ford Federal			<sup>6</sup> Well Number 1	
<sup>7</sup> OGRID No.	<sup>8</sup> Operator Name Trinity Resources, L.L.C.			<sup>9</sup> Elevation 3930	

Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	20	16S	31E		1880	North	330	West	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

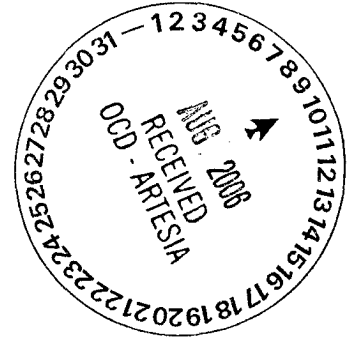
12	Dedicated Acres 40	13	Joint or Infill	14	Consolidation Code	15	Order No.
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	<p><b>17 OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p style="text-align: center;"> <u>S L S / 2-24-06</u>              Signature Date         </p> <hr/> <p style="text-align: center;"><b>Sam L. Shackelford</b></p> <p>Printed Name</p>
	<p><b>18 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 style="text-align: center;"><u>2-1-06</u></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <div style="text-align: center;"> </div> <p>Certificate Number <u>8675</u></p>

## SUPPLEMENTAL DRILLING DATA

FORD FEDERAL #1  
1880' FNL & 330' FWL,  
Sec. 20, T-16S, R-31E, NMPM

Eddy County, New Mexico



The following items supplement Form 3160-3 in accordance with instructions contained in Onshore Oil and Gas Order No.1:

1. SURFACE FORMATION: Red Beds, Sand and Sandstone
2. ESTIMATED TOPS OF GEOLOGICAL MARKERS:

Base/Salt	-	1570'
Grayburg	-	3000'
Premier	-	3210'
San Andres	-	3295'
Lovington	-	3400'

3. ESTIMATED DEPTHS TO WATER, OIL OR GAS FORMATIONS:

Fresh Water	-	300' or less in sandstone Triassic Duckum Group
Oil	-	Premier - 3230' Lovington - 3390' San Andres - 3900'
Gas	-	Penrose - 2880'

4. PROPOSED CASING PROGRAM:

12 1/4" Hole	8 5/8" X-42	24# <del>4000</del> 575'
7 7/8" Hole	5 1/2"	17# 4000'

5. PROPOSED CEMENTING PROGRAM:

Surface to <del>400</del> 575'	250 sx Premium Plus, circulated
Production casing	400 sx HLC w/flocele
	300 sx Premium Plus Circulate to surface

6. PROPOSED DRILLING PROGRAM:

Trinity Resources, LLC proposes to drill and test the San Andres Formation. Approximately ~~400'~~<sup>575'</sup> of surface casing will be set and cemented to surface. 5 1/2" production casing will be set and cemented with adequate cover, perforated and stimulated as needed for production.

7. PRESSURE CONTROL EQUIPMENT:

Blowout preventer will consist of 2 ram, 2M system. A sketch of the BOP is attached.

8. CIRCULATION MEDIUM:

Mud Drilling

9. AUXILIARY EQUIPMENT:

Full opening drill string safety valve fit for the drill string in use, will be kept on the rig floor at all times.

10. TESTING, LOGGING AND CORING PROGRAM:

Samples: Catch samples from surface to TD.  
DST's: None anticipated  
Logging: Open Hole Logging: 400' to 4000'  
Platform Express Three Detector Litho-Density,  
Compensated Neutron/GR  
Platform Express Azimuthal Laterlog Micro-CFL/GR

11. ABNORMAL PRESSURES, TEMPERATURES OR HYDROGEN SULFIDE:

None Anticipated

12. ANTICIPATED STARTING DATE:

On or before March 15, 2006. Drilling should be completed within 20 days. Completion operations will follow the drilling operations.

**PERTINENT INFORMATION**

FOR  
FORD FEDERAL #1  
1880' FNL - 330' FWL  
Section 20, T-16S, R-31E, NMPM

Eddy County, New Mexico

<b><u>LOCATED:</u></b>	6 air miles Northeast of Loco Hills, NM.
<b><u>LEASE NUMBER:</u></b>	NM-77042
<b><u>LEASE ISSUED:</u></b>	9-1-88
<b><u>RECORD LESSEE:</u></b>	Bill Fenn
<b><u>BOND COVERAGE:</u></b>	Operator's \$25,000 Statewide
<b><u>AUTHORITY TO OPERATE:</u></b>	Assignment of Operating Rights
<b><u>ACRES IN LEASE:</u></b>	320.00
<b><u>SURFACE OWNER:</u></b>	Federal
<b><u>LEASE OWNER:</u></b>	USA-BLM
<b><u>POOL RULES:</u></b>	General Statewide
<b><u>EXHIBITS:</u></b>	A. Road and Well Map B. Contour Map C. Rig Layout D. BOP Diagram E. Lease Map

# EXHIBIT "C"

Ford Federal #1  
1880' FNL - 330' FWL  
Section 20, T-16S, R-31E, NMPPM  
Eddy County, New Mexico

