

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>				5. LEASE DESIGNATION AND SERIAL NO. NM010063																
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME																
2. NAME OF OPERATOR RODDY PRODUCTION COMPANY, INC. 036845				7. UNIT AGREEMENT NAME																
3. ADDRESS AND TELEPHONE NO. P.O. BOX 2221 FARMINGTON, N.M. 87499 (505) 325-5750				8. FARM OR LEASE NAME, WELL NO. Lucerne Federal No.7																
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 790' FSL & 2050' FEL At proposed prod. zone				9. API WELL NO. 13929																
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 4.6 Miles Southwest of Bloomfield, N.M.				10. FIELD AND POOL, OR WILDCAT Pictured Cliffs																
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 790' (Also to nearest drip unit line, if any)				11. SEC., T., R., M., OR BLK AND SURVEY OR AREA Sec. 21, T28N, R11W, NMPM																
16. NO. OF ACRES IN DIST. 3 1518 (e)				12. COUNTY San Juan																
17. NO. OF ACRES ASSIGNED TO THIS WELL 160				13. STATE New Mexico																
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, +/- 850' OR APPLIED FOR, ON THIS LEASE, FT.				19. PROPOSED DEPTH 1865'																
20. ROTARY OR CABLE TOOLS Rotary				21. APPROX. DATE WORK WILL START September 1996																
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5768' GR				22. APPROX. DATE WORK WILL START September 1996																
23. This action is subject to technical and procedural review pursuant to 43 CFR 3165.4 and appeal pursuant to 43 CFR 3165.4																				
<table border="1"> <thead> <tr> <th>SIZE OF HOLE</th> <th>GRADE, SIZE OF CASING</th> <th>WEIGHT PER FOOT</th> <th>SETTING DEPTH</th> <th>ATTACHED GENERAL REQUIREMENTS</th> </tr> </thead> <tbody> <tr> <td>8 3/4"</td> <td>7" J / K-55</td> <td>20#</td> <td>200'</td> <td>55 sxs (65 cu ft) circulated to surface</td> </tr> <tr> <td>6 1/4"</td> <td>4 1/2" J / K-55</td> <td>10.5#</td> <td>1865'</td> <td>235 sxs (292 cu ft) circulated to surface</td> </tr> </tbody> </table>						SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	ATTACHED GENERAL REQUIREMENTS	8 3/4"	7" J / K-55	20#	200'	55 sxs (65 cu ft) circulated to surface	6 1/4"	4 1/2" J / K-55	10.5#	1865'	235 sxs (292 cu ft) circulated to surface
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Roddy Production Company, Inc. proposes to spud in the Nacimiento Formation and will drill an 8 3/4" hole to a TD of 200'. Run and cement surface casing with cement returns to surface. WOC 12 hours. Test casing to 600 psig for 30 minutes. Drill a 6 1/4" hole to a TD of 1865' using a fresh water mud. Run logs at TD. Run and cement production casing with cement returns to surface. WOC 12 hours. Move out drilling rig and move in a completion unit. Pressure test casing to 2000 psig for 30 minutes prior to perforating. Run cased hole correlation logs. Perforate the Pictured Cliffs and stimulate using a fresh water based gel or foam system.

No poisonous gases are anticipated.

Adequate weight material will be on location to control flows from the Farmington sands.

Surface ownership is BLM.

Pipeline and road ROW is included with the well permit.

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 true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE AGENT

DATE 8/12/1996

(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:

APPROVED BY

TITLE

DATE

**APPROVED
AS AMENDED**

SEP 09 1996

DISTRICT MANAGER

1151-3707 RA

NIMACOD

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Hondo Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

RECEIVED
BLM

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Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-29405		Pool Code 79680	Pool Name WEST KUTZ: PICTURED CLIFFS
Property Code 13929	Property Name Lucerne Federal		Well Number 7
OGRID No. 036845	Operator Name RODDY PRODUCTION INC.		Elevation 5768'

10 Surface Location

UL or lot no. 0	Section 21	Township 28 N	Range 11 W	Lot Idn	Feet from the	North/South line South	Feet from the	East/West line East	County S.J.
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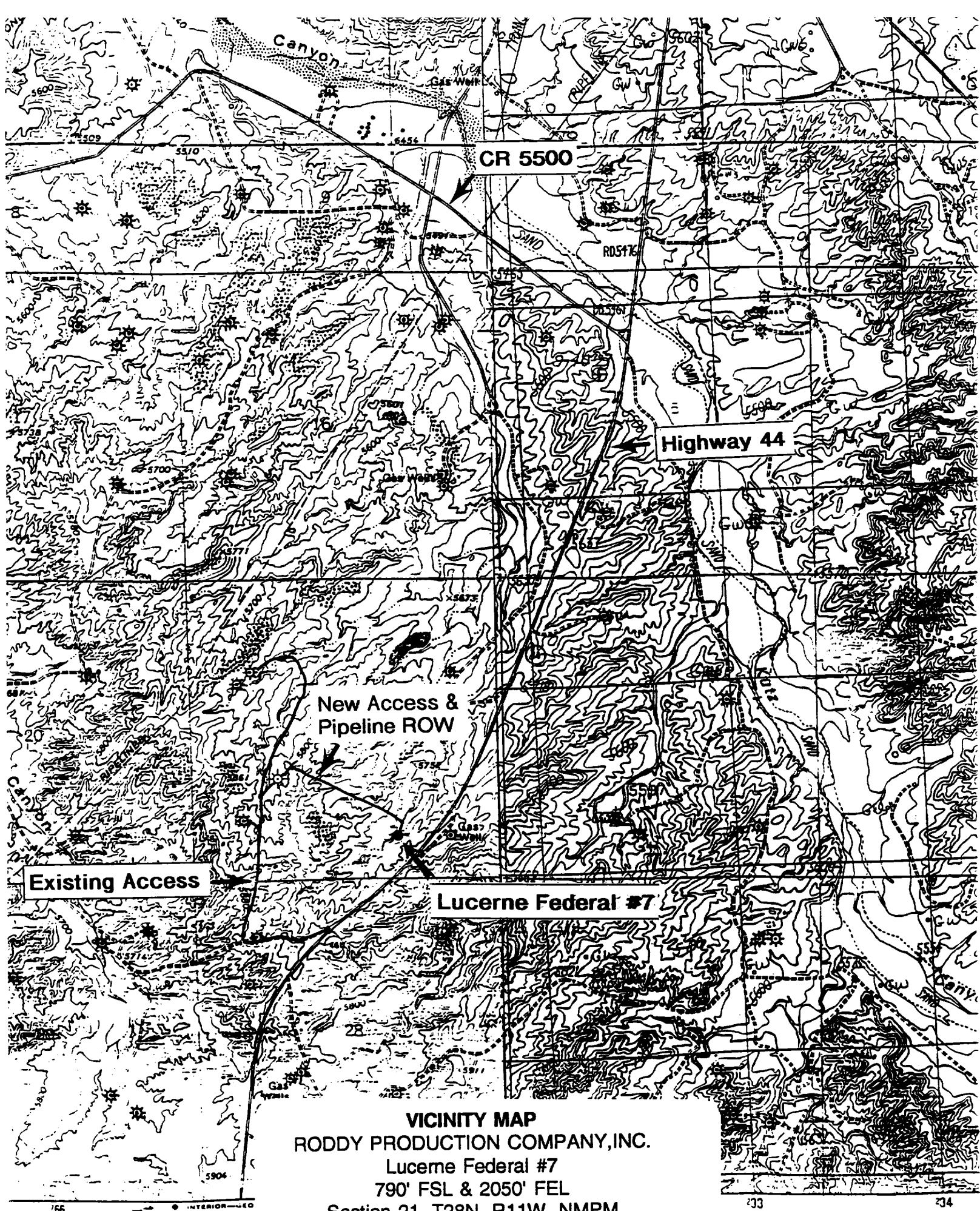
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres 160	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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

16 5270.10' 5280.00' 5274.26'	21		8 2050' 720'	NM 010063	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature John Steuble Printed Name John Steuble Agent Title 08/12/96 Date
	21				
18 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. 7-23-96 Date of Survey Signature RENE C. EDWARDS 8857 6857 Certificate Number					



VICINITY MAP
RODDY PRODUCTION COMPANY, INC.
Lucerne Federal #7
790' FSL & 2050' FEL
Section 21, T28N, R11W, NMPM
San Juan Co., New Mexico