

District I
 PO Box 1980, Hobbs, NM 88241-1980
 District II
 811 South First, Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals & Natural Resources Department

Form C-101
 Revised October 18, 1994
 Instructions on back
 Submit to Appropriate District Office
 State Lease - 6 Copies
 Fee Lease - 5 Copies

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address. Richardson Operating Company 1700 Lincoln, Suite 1700 Denver, CO 80203		² OGRID Number 019219
⁴ Property Code 24232	⁵ Property Name WF State 32	³ API Number 10-045-29825

RECEIVED
 FEB - 9 1999

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	32	30N	14W		1150	South	1670	East	San Juan

⁸ Proposed 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

⁹ Proposed Pool 1 *TWO MOUNDS;*
~~Pictured Cliffs~~ *FRUITLAND SAND PICTURED CLIFFS*

¹⁰ Proposed Pool 2

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 5436'
¹⁶ Multiple No	¹⁷ Proposed Depth 1100'	¹⁸ Formation Pictured Cliffs	¹⁹ Contractor L&B Speed Drill	²⁰ Spud Date 2/11/99

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
8 3/4"	7"	20#	130'	35 sacks	surface
6 1/4"	4 1/2"	10.5#	1100'	150 sacks	surface

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

A 2000 psi rated blowout prevention system will be used consisting of both blind rams and pipe rams.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Cathleen Colby</i> Printed name: Cathleen Colby Title: Land Manager Date: Feb. 8, 1999		OIL CONSERVATION DIVISION Approved by: <i>Ernie Busch</i> 2-10-99 Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3 Approval Date: FEB 10 1999 Expiration Date: FEB 10 2000 Conditions of Approval : Attached <input type="checkbox"/>	
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C-101 Instructions

Measurements and dimensions are to be in feet/inches. Well locations will refer to the New Mexico Principal Meridian.

IF THIS IS AN AMENDED REPORT CHECK THE BOX LABELED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

authorized to make this report. The date this report was signed and the telephone number to call for questions about this report.

- 1 Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.
- 2 Operator's name and address
- 3 API number of this well. If this is a new drill the OCD will assign the number and fill this in.
- 4 Property code. If this is a new property the OCD will assign the number and fill it in.
- 5 Property name that used to be called 'well name'
- 6 The number of this well on the property.
- 7 The surveyed location of this well New Mexico Principal Meridian NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD Unit Letter.
- 8 The proposed bottom hole location of this well at TD
- 9 and 10 The proposed pool(s) to which this well is being drilled.
- 11 Work type code from the following table:

N	New well
E	Re-entry
D	Drill deeper
P	Plugback
A	Add a zone
- 12 Well type code from the following table:

O	Single oil completion
G	Single gas completion
M	Mutiple completion
I	Injection well
S	SWD well
W	Water supply well
C	Carbon dioxide well
- 13 Cable or rotary drilling code

C	Propose to cable tool drill
R	Propose to rotary drill
- 14 Lease type code from the following table:

S	State
P	Private
- 15 Ground level elevation above sea level
- 16 Intend to mutiple complete? Yes or No
- 17 Proposed total depth of this well
- 18 Geologic formation at TD
- 19 Name of the intended drilling company if known.
- 20 Anticipated spud date.
- 21 Proposed hole size ID inches, proposed casing OD inches, casing weight in pounds per foot, setting depth of the casing or depth and top of liner, proposed cementing volume, and estimated top of cement
- 22 Brief description of the proposed drilling program and BOP program. Attach additional sheets if necessary.
- 23 The signature, printed name, and title of the person

District I
 PO Box 1980, Hobbs, NM 88241-1980
 District II
 PO Drawer DD, Artesia, NM 88211-0719
 District III
 1000 Rio Brazos 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

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

APN Number 30-045-29825		Pool Code 86620	Pool Name TORN MOUNDS, FAULT LAND SAND PICTURED CLIFFS
Property Code 24232	Property Name WF State 32		Well Number 32-1
OCRID No. 019219	Operator Name RICHARDSON OPERATING Co.		Elevation 5436'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	32	30 N	14 W		1150	South	1670	East	San Juan

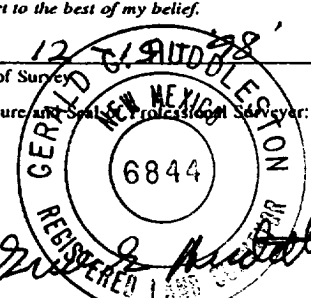
11 Bottom Hole Location If Different From Surface

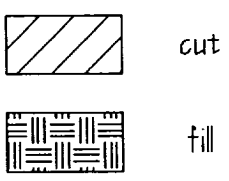
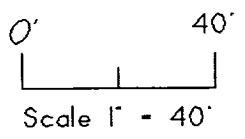
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 16.616	13 Joint or Infill	14 Consolidation Code	15 Order No.
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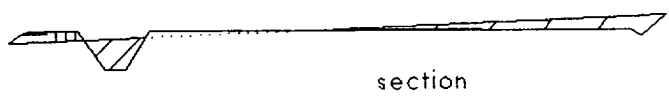
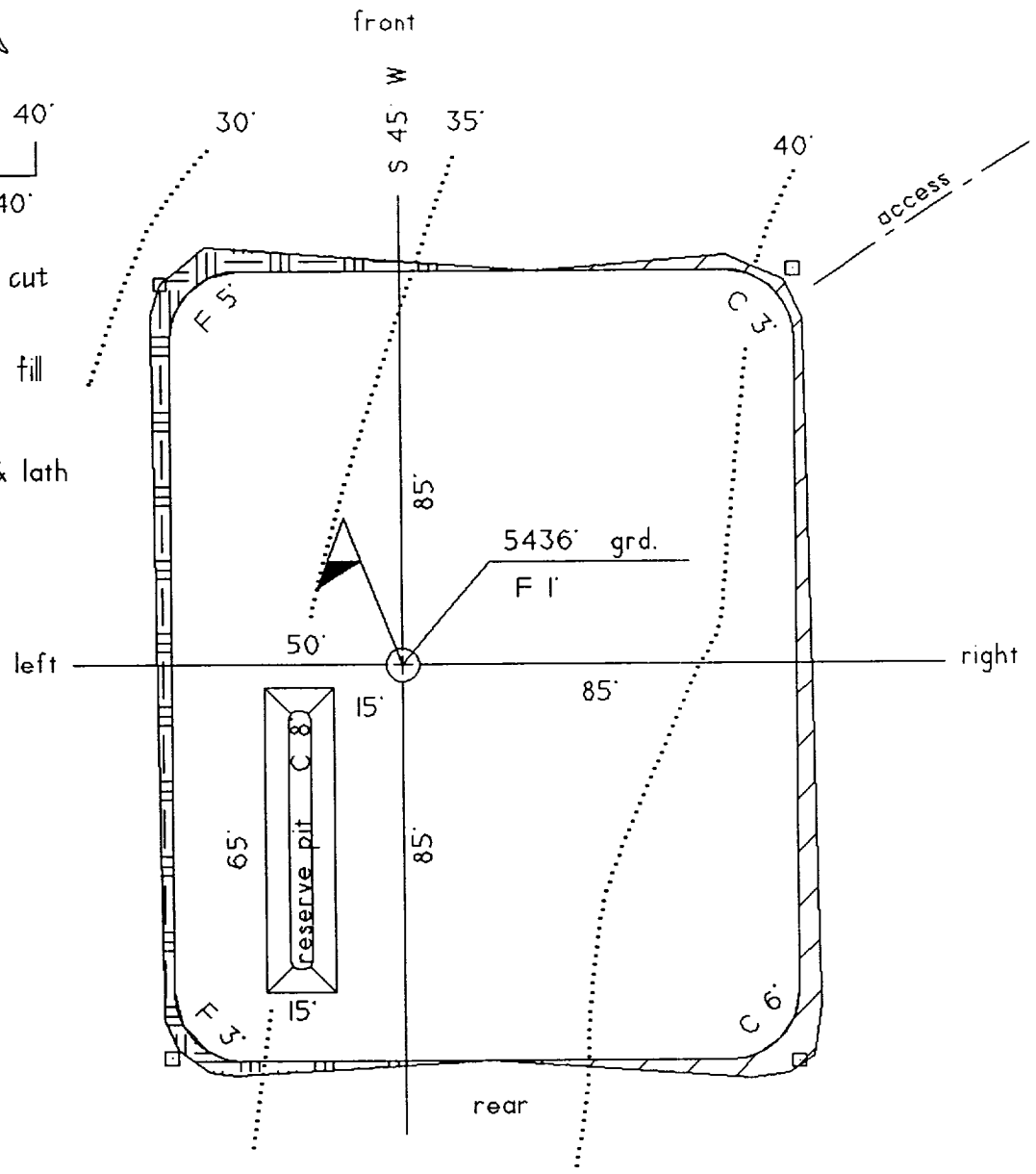
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	RECEIVED FEB - 9 1998		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Cathleen Colby Signature Cathleen Colby Printed Name Land Manager Title December 29, 1998 Date
	OIL CON. DIV. DIST. 3		
	VA-1696		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. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number
	E-6714-8	1150' 1670'	





□ set stake & lath





RICHARDSON OPERATING COMPANY

1700 Lincoln, Suite 1700
Denver, Colorado 80203 (303) 830-8000
FAX (303) 830-8009

VIA FEDERAL EXPRESS

February 8, 1999

Mr. Ernie Busch
Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410

RECEIVED
FEB - 9 1999

OIL CON. DIV.
RME-3

Re: Request for Tight Hole Status
Transmittal of APD
WF State #32-1 Well
SE/4-Section 16-T30N-R14W
San Juan County, NM

Dear Ernie:

Enclosed for your review and approval are six original copies of the captioned Application for Permit to Drill. Your prompt attention to processing this APD would be greatly appreciated, as we have a rig scheduled for the week of February 8, 1999. Please classify this well as Confidential - Tight Hole.

If you have any questions or if you need additional information, please do not hesitate to call.

Sincerely,

RICHARDSON OPERATING COMPANY

Cathleen Colby
Cathleen Colby
Land Manager