

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-101  
Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☐ AMENDED REPORT

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

Operator Name and Address. Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210		OGRID Number 25575
Property Code 12401		Property Name Irish Hills JE State Com
API Number 30 - 0 15-22746		Well No. 1

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	12	19S	24E		1980	North	1980	East	Eddy

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
Proposed Pool 1 Undesignated Strawn					Proposed Pool 2				

Work Type Code RC	Well Type Code O/G	Cable/Rotary Pulling Unit	Lease Type Code S	Ground Level Elevation 3604' GR
Multiple N	Proposed Depth PBSD 8489'	Formation Strawn	Contractor Unknown	Spud Date ASAP

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	48#	404'	In place	
12-1/4"	8-5/8"	24#	925'	In place	
7-7/8"	4-1/2"	10.5# & 11.6#	9093'	In place	

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.  
Recent Canyon completion (perforations 7743-7778') was unsuccessful. Propose to test Strawn from 8364-8367' and 8392-8396' as follows:  
1. Install BOP. Load hole. TOOH with tubing and anchor. NOTE: Pump and rods already out of hole.  
2. Perforate 8364-8367' & 8392-8396' (Strawn). GIH with tubing and packer with on/off tool. Test RBP at 8949' and set packer. Acidize perms 8364-8396' as necessary.  
3. Recover load and test.  
4. If Strawn is non-productive, reset packer above Canyon to keep any possible pressure off annulus, shut in and rig down. CONTINUED ON NEXT PAGE:

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

Signature: *Rusty Klein*  
Printed name: Rusty Klein  
Title: Operations Technician  
Date: Oct. 3, 1997  
Phone: 505-748-1471

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY TIM W. GUM  
Title: DISTRICT II SUPERVISOR  
Approval Date: OCT 29 1997 Expiration Date:  
Conditions of Approval: IF BO TO STEP NO. 4  
Attached ☐ WILL USE OHC ORDER.

YATES PETROLEUM CORPORATION  
Irish Hills JE State Com #1  
Section 12-T19S-R24E  
Eddy County, New Mexico

NOTICE OF INTENT TO RECOMPLETE CONTINUED:

NOTE: Have holes in 4-1/2" casing at 4555-4617', 1700-1880' and 1200-1380'. These holes were isolated in Sept. 1996.

If decision is made to move uphole, will replace bad casing and cement.

5. If Strawn has good production, 4-1/2" casing leaks will probably be repaired.

6. If Strawn production is okay, but not worth casing repair, will set blanking plug in packer and pull tubing. GIH with overshot for Uni VI packer without catch, 650' of tubing, snap-set packer and tubing to surface. Bottom packer to isolate Strawn and top packer to isolate Canyon.

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Rusty Klein  
Operations Technician  
October 3, 1997

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-22746		<sup>2</sup> Pool Code		<sup>3</sup> Pool Name Undesignated Strawn	
<sup>4</sup> Property Code 12401		<sup>5</sup> Property Name Irish Hills JE State Com			<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 025575		<sup>8</sup> Operator Name Yates Petroleum Corporation			<sup>9</sup> Elevation 3604' GR

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
G	12	19S	24E		1980	North	1980	East	Eddy

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

<sup>16</sup> 	<b><sup>17</sup> OPERATOR CERTIFICATION</b>	
	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
	 Signature Rusty Klein Printed Name Operations Technician Title October 3, 1997 Date	
	<b><sup>18</sup> SURVEYOR CERTIFICATION</b>	
	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.	
	REFER TO ORIGINAL PLAT	
	Date of Survey	
	Signature and Seal of Professional Surveyor:	
	Certificate Number	