

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

Form C-101

**APPLICATION FOR PERMIT TO DRILL**

Operator Name and Address <b>Yates Drilling Company 105 South 4th Street Artesia, NM 88210</b>		OGRID Number <b>25513</b>
		API Number <b>30-15-32813</b>
Property Code <b>32425</b>	Property Name <b>Spurck 16 State Com.</b>	Well No. <b>002</b>

**Surface Location**

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
K	16	17S	28E		1980	S	1980	W	Eddy

**Proposed Pools**

<b>UNDESIGNATED CROW FLATS MORROW SE</b>
--

Work Type <b>New Well</b>	Well Type <b>Gas</b>	Cable/Rotary	Lease Type <b>State</b>	Ground Level Elevation <b>3559</b>
Multiple <b>N</b>	Proposed Depth <b>10260</b>	Formation <b>Morrow</b>	Contractor	Spud Date <b>6/2/2003</b>

**Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	14.75	11.75	42	400	400	0
Int1	11	8.625	32	2000	700	0
Prod	7.875	5.5	17	10260	900	6100

**Casing/Cement Program: Additional Comments**

YPC proposes to drill/test the Morrow and intermediate formations. Approx. 400 ft. of surface casing will be set and cement circulated. Intermediate casing will be at 2000 ft. and cement circulated to surface. If commercial, production casing will be ran/cemented, will perforate/stimulate as needed for production. MUD PROGRAM: 0-400 ft. FW Gel/Paper; 400-2000 ft. Brine; 2000-9400 ft. Cut Brine; 9400-10260 ft. Salt Gel/Starch/Driscap/KCL

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Electronically Signed By: Robert Asher		Electronically Approved By: Bryan Arrant	
Title: Regulatory Technician		Title: Geologist	
Date: 5/30/2003		Approval Date: 6/2/2003	Expiration Date: 6/2/2004
Phone: 505-748-4364		Conditions of Approval: There are conditions. See Attached.	

## District I

1625 N. French Dr., Hobbs, NM 88240

## District II

1301 W. Grand Ave., Artesia, NM 88210

## District III

1000 Rio Brazos Rd., Aztec, NM 87410

## District IV

1220 S. St Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-102

## Oil Conservation Division

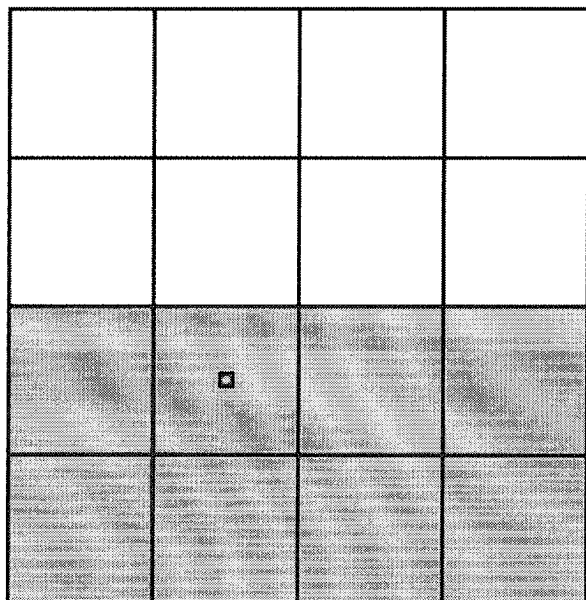
1220 S. St Francis Dr.  
Santa Fe, NM 87505

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-15-32813	Pool Name UNDESIGNATED CROW FLATS MORROW SE	Pool Code
Property Code 32425	Property Name Spurck 16 State Com.	Well No. 002
OGRID No. 25513	Operator Name Yates Drilling Company	Elevation 3559

**Surface And Bottom Hole Location**

UL or Lot K	Section 16	Township 17S	Range 28E	Lot Idn	Feet From 1980	N/S Line S	Feet From 1980	E/W Line W	County Eddy
Dedicated Acres 320		Joint or Infill		Consolidation Code		Order No.			

**OPERATOR CERTIFICATION**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.*

Electronically Signed By: Robert Asher

Title: Regulatory Technician

Date: 5/30/2003

**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.*

Electronically Signed By: Dan R. Reddy

Date of Survey: 5/29/2003

Certificate Number: 5412

## APD Conditions Of Approval

**Operator:** 25513 Yates Drilling Company

**Well:** Spurck 16 State Com. 002

OCD Reviewer	Condition
BARRANT	Cement to cover ALL oil, gas and water bearing zones.