

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>Vintage Petroleum Inc</b> <b>110 W 7th Street</b> <b>Tulsa, OK 74119</b>		OGRID Number <b>24173</b>
		API Number <b>30-25-36284</b>
Property Code <b>32344</b>	Property Name <b>Hannah 17 State</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
P	17	14S	36E		660	S	1310	E	Lea

### Bottom Holes

Pool: AUSTIN;MISSISSIPPIAN (GAS) 70840									
UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	17	14S	36E		660	N	1310	E	Lea

Work Type <b>New Well</b>	Well Type <b>Gas</b>	Cable/Rotary	Lease Type <b>Private</b>	Ground Level Elevation <b>3953</b>
Multiple <b>N</b>	Proposed Depth <b>13320</b>	Formation <b>Mississippi Limestone</b>	Contractor	Spud Date <b>5/20/2003</b>

### Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	61	400	430	0
Int1	12.25	9.625	40	4700	1020	1000
Prod	8.5	7	26	13330	630	9928
Liner1	6.125	4.5	13.5	17024	0	0

### Casing/Cement Program: Additional Comments

7 is L-80 to 8500 and HCP-110 from 8500-13330. 4.5 pre-drilled liner not cemented. Liner top packer above liner hanger holds liner.
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### Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Pipe	10000	10000	
Double Ram	10000	10000	
Annular	5000	5000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.	
Electronically Signed By: Vann Greeson	
Title: Regulatory Specialist	
Date: 5/15/2003	Phone: 918-878-5315

OIL CONSERVATION DIVISION	
Electronically Approved By: Paul Kautz	
Title: Geologist	
Approval Date: 5/19/2003	Expiration Date: 5/19/2004
Conditions of Approval: No Conditions	

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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**

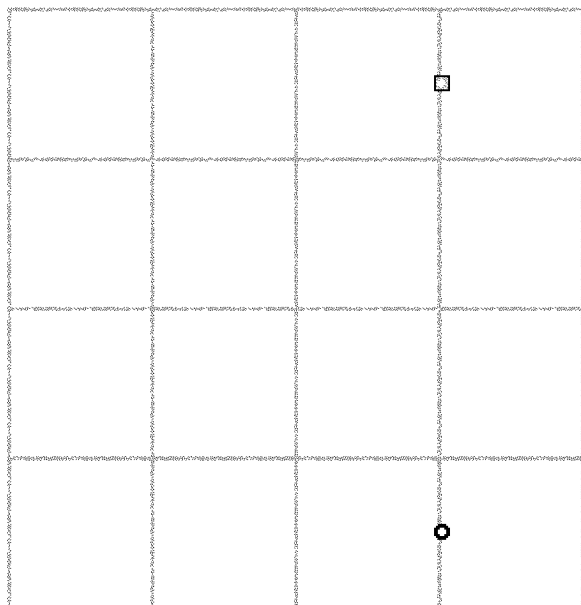
API Number 30-25-36284	Pool Name AUSTIN;MISSISSIPPIAN (GAS)	Pool Code 70840
Property Code 32344	Property Name Hannah 17 State	Well No. 002
OGRID No. 24173	Operator Name Vintage Petroleum Inc	Elevation 3953

**Surface Location**

UL or Lot P	Section 17	Township 14S	Range 36E	Lot Idn	Feet From 660	N/S Line S	Feet From 1310	E/W Line E	County Lea
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**Bottom Hole Location If Different From Surface**

UL or Lot A	Section 17	Township 14S	Range 36E	Lot Idn	Feet From 660	N/S Line N	Feet From 1310	E/W Line E	County Lea
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: Vann Greeson

Title: Regulatory Specialist

Date: 5/15/2003

**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: Ronald Eidson

Date of Survey: 4/30/2003

Certificate Number: 3239

## APD Comments

**Operator:** 24173 Vintage Petroleum Inc

**Well:** Hannah 17 State 002

User Name	Comment	Comment Date
VANN A GREESON	Pilot hole will be drilled to 13500 TVD and logged. An open hole cement plug will be set and then drilled off to complete the horizontal section (13320 TVD and 17024 MD). Proposed well profile available.	5/13/2003
DMULL	Van, you did not dedicate your acreage. This pool requires 320 acres. Please do so.	5/15/2003