

8/22/01	ENGINEER MS	LOGGED IN KN	TYPE NSL	APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



### ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

#### Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

#### [1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication  
☒ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement  
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify \_\_\_\_\_

#### [2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☐ Notification and/or Concurrent Approval by BLM or SLO  
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

#### [3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Robert Bullock  
 Print or Type Name

*Robert Bullock*  
 Signature

Landman  
 Title

8-20-01  
 Date

\_\_\_\_\_  
 e-mail Address

MARTIN YATES, III  
1912 - 1985  
FRANK W. YATES  
1936 - 1986



105 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210-2118  
TELEPHONE (505) 748-1471

S. P. YATES  
CHAIRMAN OF THE BOARD  
JOHN A. YATES  
PRESIDENT  
PEYTON YATES  
EXECUTIVE VICE PRESIDENT  
RANDY G. PATTERSON  
SECRETARY  
DENNIS G. KINSEY  
TREASURER

August 20, 2001

Mr. Michael Stogner  
New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, NM 87508

**CERTIFIED MAIL**

*Return Receipt Requested*

**RE:    Application for Unorthodox Location**  
**Windmill ATI St #2**  
**Township 15 South, Range 28 East**  
**Section 16: 2310' FNL & 990' FWL**  
**Chaves County, New Mexico**

Dear Mr. Stogner:

Yates Petroleum Corporation respectfully requests administrative approval for an unorthodox Morrow gas well, the Windmill ATI St #2. The well has been drilled and completed on State of New Mexico minerals at the location shown above. The pool affected by this well is the Buffalo Valley Pennsylvanian Gas Pool. The acreage dedication for the well is the W/2 of Section 16.

Please find enclosed our geological explanation including two (2) isopach maps which justify our reasons for drilling at this location. Also enclosed are Forms C-101, C-102, a land plat and a chronological summary of the well data.

Yates Petroleum Corporation does not have a good explanation for waiting so long to seek exception for this location.

Please advise if you need any additional information.

Thank you.

Very truly yours,

**YATES PETROLEUM CORPORATION**

Robert Bullock  
Landman

RB:bn  
enclosure(s)

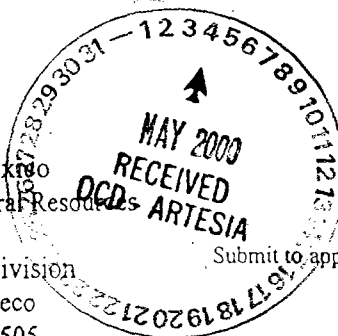
01 AUG 22 PM 3:23  
RECEIVED

# FILE COPY

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505



Form C-101  
Revised March 17, 1999

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

<sup>1</sup> Operator Name and Address YATES PETROLEUM CORPORATION 105 South Fourth Street Artesia, New Mexico 88210		<sup>2</sup> OGRID Number 025575
<sup>3</sup> Property Code 25859		<sup>4</sup> API Number 30-005-63245
<sup>5</sup> Property Name Windmill ALK State ATF		<sup>6</sup> Well No. 2

### <sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	16	15S	28E		2310'	North	990'	West	Chaves

### <sup>8</sup> 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

### <sup>9</sup> Proposed Pool 1

Buffalo Valley, Penn. (GAS)

### <sup>10</sup> Proposed Pool 2

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3569'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 9300'	<sup>18</sup> Formation Morrow	<sup>19</sup> Contractor undesignated	<sup>20</sup> Spud Date ASAP

### <sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14 3/4"	11 3/4"	42#	400'	260 sx	surface
11"	8 5/8"	24#	1800'	445 sx	surface
7 7/8"	5 1/2"	17#	9300'	450 sx	surface
	Sufficient to cover all oil, gas and water bearing zones				ASAP

<sup>22</sup> 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.

Yates Petroleum Corporation proposes to drill and test the Morrow and intermediate formations. Approximately 400' of surface casing will be set and cemented. Approx. 1900' of intermediate casing will be set and cement circulated to shut off gravel and caving. If commercial, production casing will be run and cement circulated, will perforate and stimulate as needed for production.

MUD PROGRAM: 0-400' FW/Native Mud; 400'-1900' Brine; 1900'-5300' Cut Brine; 5300'-8000' Brine; 8000' TD Salt Gel Starch.

BOPE PROGRAM: BOPE will be installed on the 8 5/8" casing and tested daily for operational.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:

Cy Cowan

Title:

Regulatory Agent

Date:

Phone:

(505) 748-1471

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM  
DISTRICT II SUPERVISOR

Title:

Approval Date:

MAY 08 2000

Expiration Date:

MAY 08 2001

Conditions of Approval:

Attached ☐

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
Instruction on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Artec, NM 87410

# OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
		Wildcat Morrow
Property Code	Property Name	Well Number
	WINDMILL "ATI" STATE	2
OGED No.	Operator Name	Elevation
025575	YATES PETROLEUM CORPORATION	3569

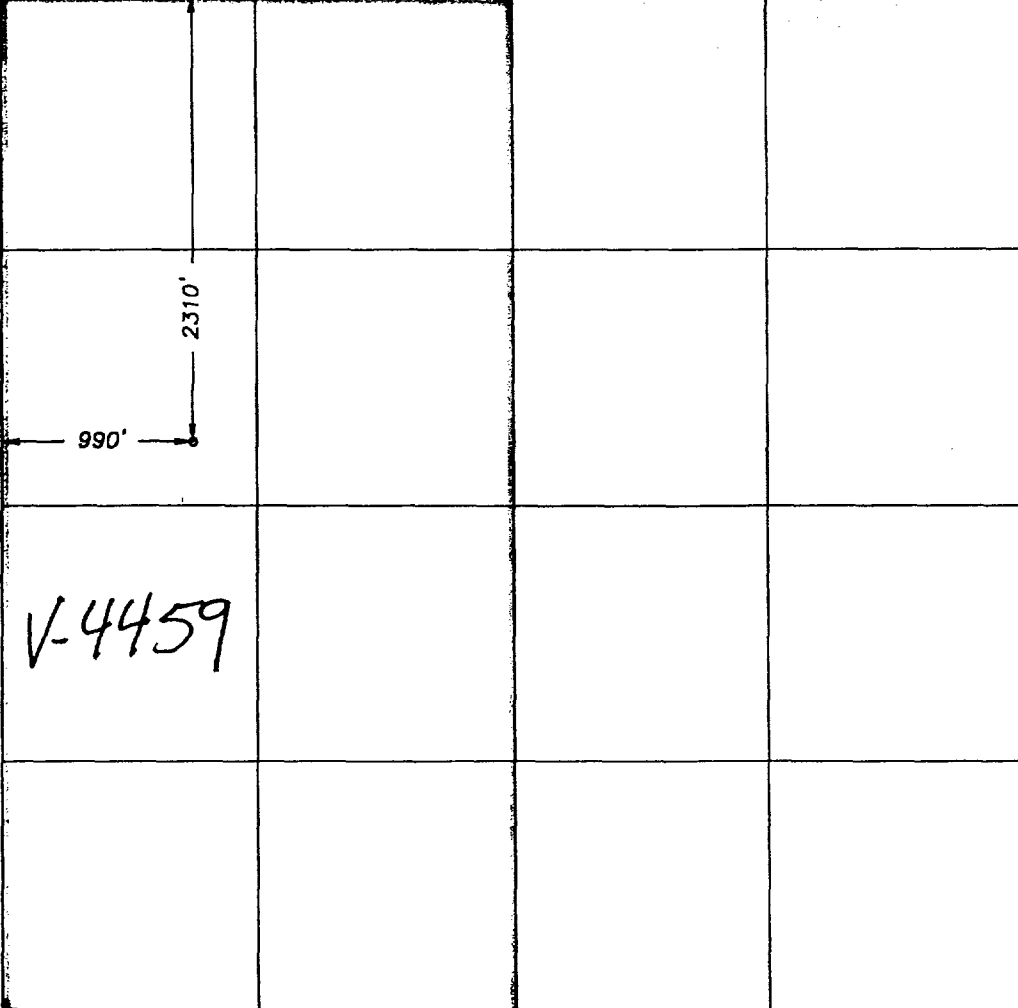
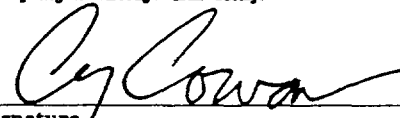
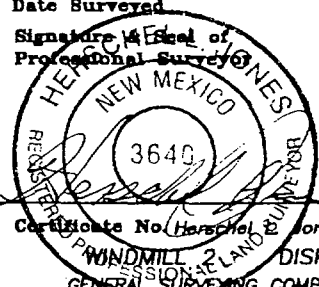
### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	16	15S	28E		2310	NORTH	990	WEST	CHAVES

### 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
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						
320									

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

	<b>OPERATOR CERTIFICATION</b>	
	I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.	
		
	Signature Cy Cowan Printed Name Regulatory Agent Title 5-3-2000 Date	
	<b>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.	
	Date Surveyed 4/14/2000	
	 Signature of Professional Surveyor Certificate No. Hershel E. Jones RLS 3640 WINDMILL 2 LAND SURVEYING COMPANY GENERAL SURVEYING COMPANY	

Grt. Westin  
HBP

MARTIN YATES, III  
1912 - 1985  
FRANK W. YATES  
1936 - 1986



105 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210  
TELEPHONE (505) 748-1471

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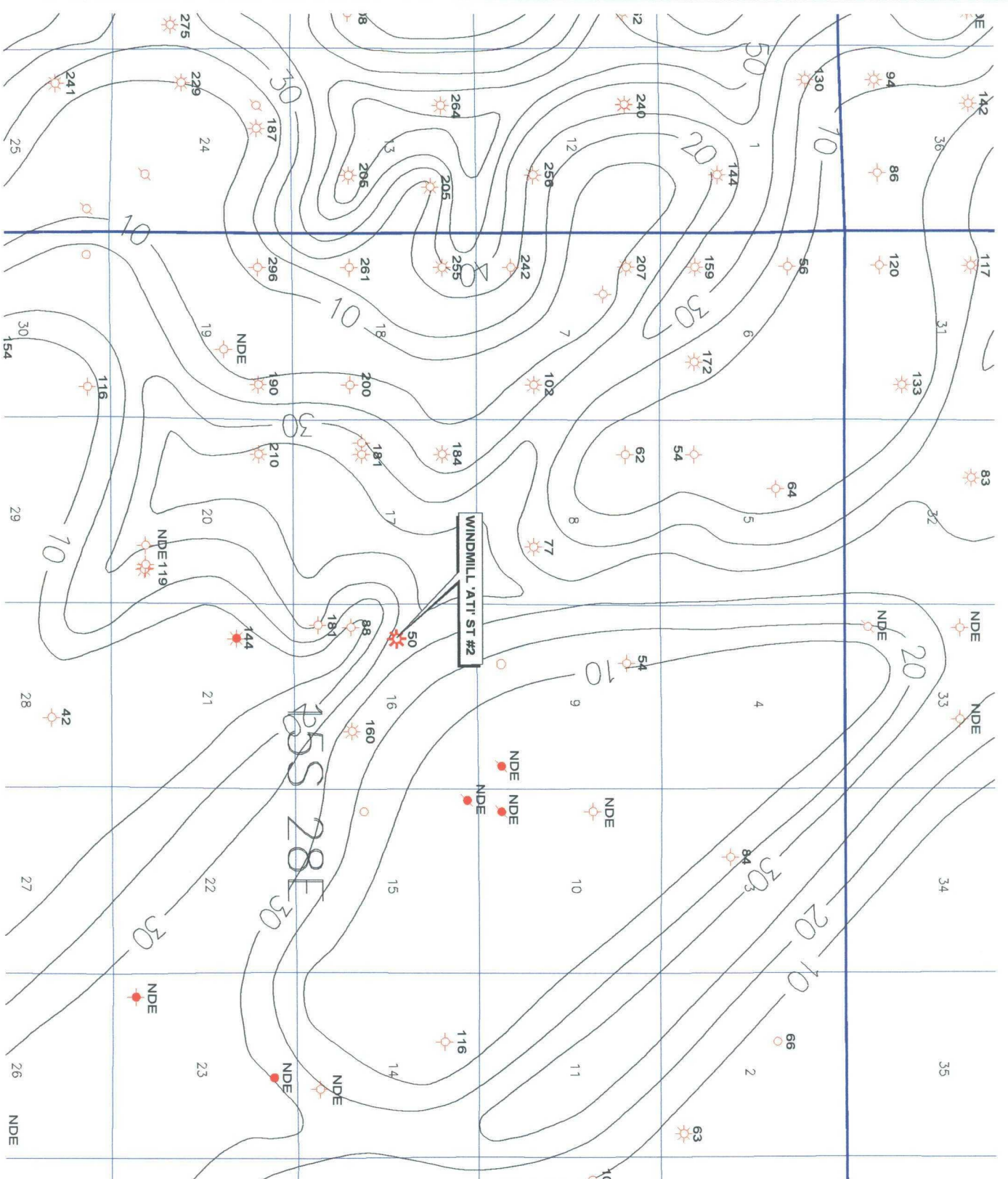
Windmill ATI State #2  
2310' FNL & 990' FWL  
16-15S-28E

The Windmill ATI State #2 was drilled to TD in the Chester formation at 9512'. The main pay zone that Yates Petroleum is producing is the Morrow sandstone. There are two geological maps presented for exhibits.

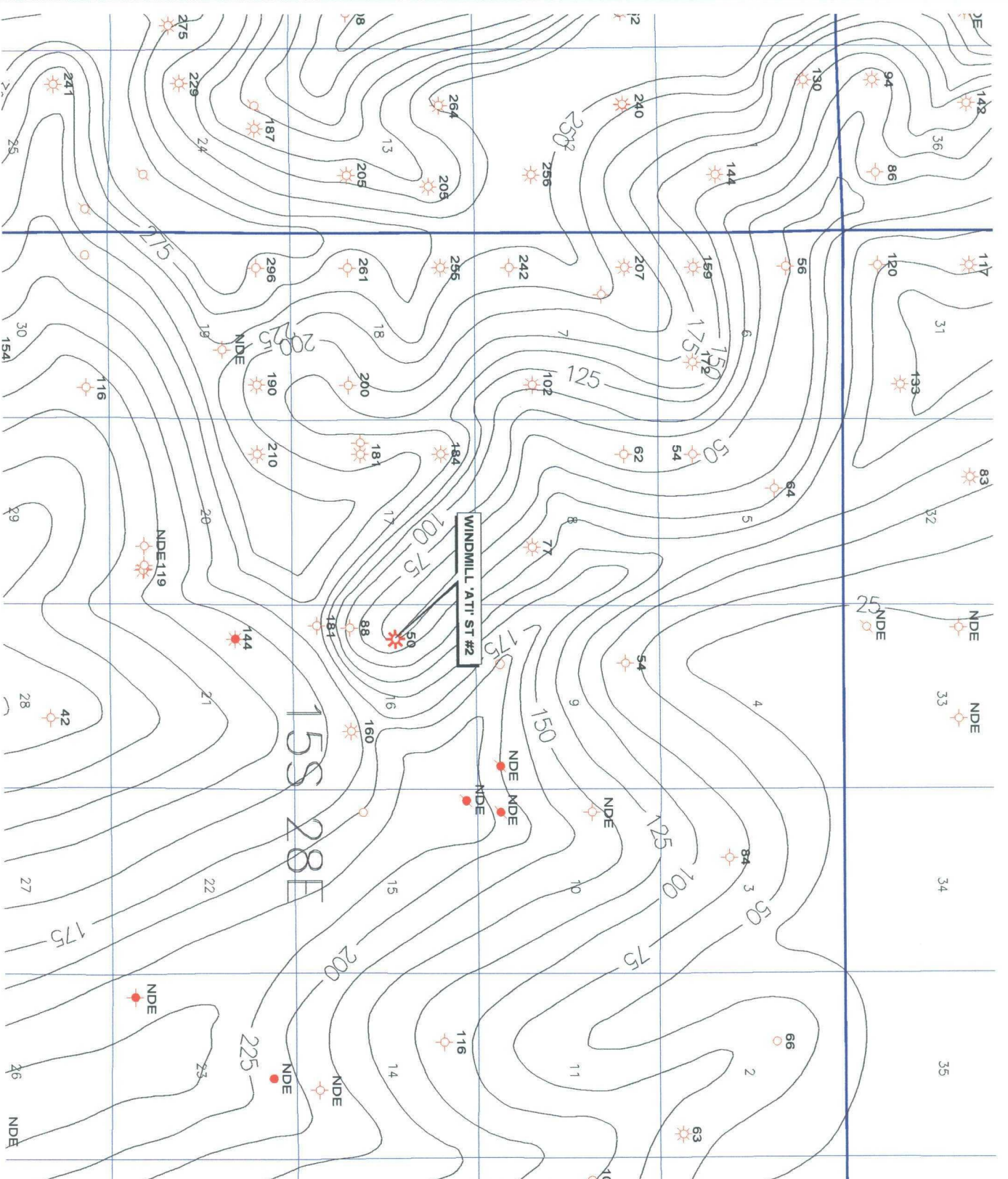
The isopach map of the Top of Morrow Clastics to the top of the Austin Cycle depicts the thinning and thickening of the Morrow Clastic sand-shale interval throughout the area. The best area to drill a well would be where the sand-shale sections are thicker. This would enable a well to intersect several sandstones in the thicker intervals as opposed to an area where the sand-shale section has thinned.

The Gross Isopach of the Morrow sands >50 gamma ray units follows very closely with thinning-thickening isopach map of the Top of Morrow Clastics to Top of Austin Cycle. Our Windmill ATI State #2, however, had only 50 feet of a sand-shale interval shown by the isopach of Morrow Clastics to Austin Cycle map, but it had all 50 feet of the sand-shale sequence filled with 50 feet of Morrow sandstone. This well in the northwest quarter of 16-15S-28E was initially drilled on a thicker sand-shale sequence idea, but after the well was TD'd and logs were run the thinner sand-shale sequence was revealed.





Yates Petroleum Corporation		
GROSS ISOPACH MORROW SANDSTONES		
>=50 API GAMMA RAY UNITS		
CI - 10'		
DATE: 11/11/2010	Scale: 1:6000	06/06/11
Drawn By: J. Smith		by: J. Smith



Yates Petroleum Corporation		
GROSS ISOPACH TOP OF MORROW CLASTICS TO TOP OF AUSTIN CYCLE		
CI - 25'		
DATE: 11/14/2012	Scale: 1:6000	8/16/11
Drawn By: J. B. Bost		Interpreted By: J. B. Bost



YATES PETROLEUM CORPORATION  
CHRONOLOGICAL DRILLING REPORT  
Windmill "ATI" State #2  
Unit E  
16-15S-28E  
Chaves County, New Mexico

Location: 2310' FNL & 990' FWL of Section 16-15S-28E,  
Chaves County, New Mexico. API NO.: 30-005-63245.  
Elevation: 3569'. PTD: 9300' Morrow. Drilling  
Contractor: Patterson Rig #1. Dirt Contractor: Jim  
Wilson Construction.

7-26-00 Building location.  
7-27-00 Building location.  
7-28-00 Building location.  
7-29-00 Building location.  
7-30-00 Building location.  
7-31-00 TD 40'. Moving in rotary tools. Spudded with Auger  
Air at 10:30 AM 7-30-00. Set 40' of 16" conductor  
pipe. Notified Mike Stubblefield with OCD in Artesia  
of spud time.  
8-1-00 Drilling 300' anhydrite. Made 260' in 6-1/4 hours,  
41.6'/hr. MW 9, Vis 30. WOB all, RPM 110, SPM 62, PP  
800#. Rigged up rotary tools and prep to resume  
drilling. Resumed drilling at 8:30 PM 7-31-00.  
Drilled to 245'. Tripped and unplugged bit. Drilled  
to 300'. DC \$11,153; CC \$38,920  
8-2-00 TD 402'. WOC. Made 102' in 1-1/4 hours, 81.60'/hr.  
MW 10, Vis 28. WOB all, RPM 110, SPM 62, PP 800#.  
Drilled to 308'. Trip for plugged bit. Drilled to  
402'. TD 14-3/4" hole at 9:15 AM 8-1-00. Circulated  
and pump sweep. Dropped totco and TOH. Rigged up  
casing crew and run 10 joints 11-3/4" 42# H-40  
(407.60') casing, set at 402'. Texas Pattern Guide  
shoe set at 402'. Insert float set at 360.45'.  
Cemented with 300 sacks of Class "C" and 2% CaCl<sub>2</sub> (yld  
1.32, wt 14.8). PD at 1:00 PM 8-1-00. Bumped plug to  
350#. Did not circulate cement on initial job. Ready  
mix to surface with 8 yards of cement. WOC (cut off  
casing after 4 hours, weld on flow nipple). DC  
\$18,538; CC \$57,458  
8-3-00 Drilling 1320' salt and anhydrite. Made 918' in 20-1/4  
hours, 45.33'/hr. MW 10, Vis 29, pH 11. WOB 50,000#,  
RPM 65, SPM 63, PP 1000#. Survey 787' misrun and 819'  
1 deg. WOC. Drilled out at 7:00 AM 8-2-00. WOC 18  
hours. Reduced hole to 11" and resumed drilling.  
Drilled to 484'. TOH for BHA. Drilled to 1320'. DC  
\$25,033; CC \$82,491  
8-4-00 TD 1920' anhydrite and shale. Running 8-5/8" casing.  
Made 600' in 18-1/4 hours, 32.88'/hr. MW 10, Vis 29,  
Cl 180,000, Calcium 1800, pH 11. BGG 3. WOB 50K, RPM  
65, SPM 63, PP 1100#. Survey 1294' 1-1/4 deg and 1676'  
1-3/4 deg. Drilled to 1920'. TD hole at 1:00 AM  
8-4-00. Pumped sweep and circulate. TOH to run 8-5/8"  
casing (SLM). Rigged up lay down machine and lay down  
8" drill collars. Rigged up casing crew and run 8-5/8"  
casing. DETAILED CASING REPORT TO FOLLOW. DC \$16,153;  
CC \$98,644  
8-5-00 TD 1920' anhydrite. Nippled down BOP. Made 0'. Run  
8-5/8" casing. Rigged up Halliburton and circulated.  
Cemented casing. WOC. Tested BOP. Nippled down down  
BOP and rotaring head. DC \$29,007; CC \$127,651  
8-6-00 Drilling 1940' anhydrite. Made 20' in 2-1/2 hours,  
8'/hr. MW 8.5, Vis 28, pH 11. WOB 30,000#, RPM 60,  
SPM 62, PP 1200#. Nippled down BOP and nipped up new  
BOP. Tested BOP to 3000# and hydril to 1500#. TIH  
with bit #3. Drilled cement plug and float. Top of  
cement at 1873'. Drilled out at 3:30 AM 8-6-00.  
Resumed drilling. DC \$2997; CC \$130,648

DR

Page 2:

Yates Petroleum - Windmill "ATI" St. #2 (Unit E) 16-15S-28E

\*\*\*\*\*Chaves Co., NM\*\*\*\*\*

DETAILED CASING REPORT: Ran 46 joints 8-5/8" 24# J-55 (1924.10') casing, set at 1920'. Texas Pattern guide shoe set at 1920'. Float collar set at 1878.16'. Cemented with 400 sacks Interfill "C" with .25# flocele (yld 2.45, wt 14.1). Tailed in with 200 sacks of Premium Plus C with 2% CaCl<sub>2</sub> (yld 1.34, wt 14.8). PD at 8:30 AM 8-4-00. Bumped plug to 9003, held OK. Circulated 135 sacks. WOC. Nippled up and tested to 1000 psi for 15 mins. Drilled out at 3:30 AM 8-6-00. WOC 19 hours. Reduced hole to 7-7/8" and resumed drilling.

8-7-00 Drilling 2495' dolomite. Made 555' in 20 hours, 27.75'/hr. MW 8.5, Vis 28, pH 11. BGG 2. WOB 55,000#, RPM 55, SPM 62, PP 1250#. Survey 2022' 2 deg, 2227' misrun and 2259' 1-3/4 deg. Drilled to 2067'. Trip for BHA. Drilled to 2495'. dC \$16,066; CC \$146,714

8-8-00 Drilling 3224' dolomite and anhydrite. Made 729' in 23 hours, 31.70'/hr. MW 8.4, Vis 30, pH 11. BGG 5. WOB 50,000, RPM 55, SPM 62, PP 1325#. Drilled to 2527'. Rig service. Survey 2482' 1-3/4 deg. Drilled to 2779'. Survey 2734' 1-3/4 deg. Drilled to 2811'. Lost returns at 2811'. Pumped LCM sweep and got returns back. Dry drilling to 2814'. Drilled to 3034'. Survey 2989' 1-3/4 deg. Drilled to 3224'. Loss: 40-50 bbls/hr. DC \$22,093; CC \$168,807

8-9-00 Drilling 3810' dolomite and anhydrite. Made 586' in 23-1/4 hours, 25.20'/hr. MW 8.4, Vis 28. WOB 50,000, RPM 55, SPM 62, PP 1275#. Drilled to 3288'. Rig service. Survey 3244' 2 deg. Drilled 3542'. Survey 3597' 2 deg. Drilled to 3810'. No loss at report time. DC \$25,296; CC \$194,103

8-10-00 Drilling 4445' dolomite. Made 635' in 23 hours, 27.61'/hr. MW 8.4, Vis 28, pH 11. BGG 3. WOB 50,000 RPM 55, SPM 62, PP 1275#. Rig service. Survey 3783' 2 deg. Drilled to 4081'. Survey 4036' 1-1/2 deg. Drilled to 4430'. Survey 4385' 1-3/4 deg. Drilled 4445'. DC \$17,203; CC \$211,306

8-11-00 Drilling 5045' dolomite. Made 600' in 23-1/2 hours, 25.53'/hr. MW 8.4, Vis 28, pH 11. BGG 5. WOB 50,000, RPM 55, SPM 62, PP 1300#. Rig service. Drilled to 4811'. Survey 4766' 1-1/4 deg. Drilled to 5045'. DC \$17,211; CC \$228,517

8-12-00 TD 5602' lime and shale. TOH for bit #3. Made 557' in 21-1/4 hours, 26.21'/hr. MW 9.1, Vis 29, pH 10.5, Cl 58,000. WOB 50,000#, RPM 55, SPM 62, PP 1300#. Survey 5253' 1-1/4 deg. Drilled to 5602'. TOH for bit #3. DC \$18,109; CC \$246,626

8-13-00 Drilling 5935' shale and dolomite. Made 333' in 19-1/2 hours, 17.06'/hr. MW 8.9, Vis 29, pH 11, Cl 59,000. BGG 10. WOB 50,000#, RPM 55, SPM 62, PP 1300#. Finished TOH for bit #3. TIH with bit #4. Washed 100' to bottom. Drilled 5602-5935'. Loss 5602-5700' - 80-100 BPH; 5700-5740' - 30 BPH; 5740-5935' - no loss. DC \$19,750; CC \$266,376

8-14-00 Drilling 6435' dolomite and shale. Made 500' in 22-3/4 hours, 21.98'/hr. MW 9, Vis 29, Cl 59,000, pH 11. WOB 50,000#, RPM 55, SPM 62, PP 1250#. Survey 6038' 1 deg and 6356' 1/2 deg. Drilled to 6083'. Rig service and install rotating head rubber. Drilled to 6435'. DC \$13,790; CC \$280,166

8-15-00 Drilling 6875' lime and shale. Made 440' in 23-1/4 hours, 18.92'/hr. MW 9, Vis 30, Cl 58,000, solids 1.5%, pH 11. BGG 10. WOB 50,000 RPM 55, SPM 62, PP 1275#. Drilled to 6464'. Rig service. Drilled to 6716'. Survey 6671' 1 deg. Drilled to 6875'. DC \$14,695; CC \$294,861

8-16-00 Drilling 7300' lime and shale. Made 425' in 20-3/4 hours, 20.48'/hr. MW 9, Vis 29, Cl 58,000, Solids 1.50%, pH 11. BGG 10. WOB 50,000, RPM 55, SPM 62, PP 1275#. Drilled to 6907'. Rig service. Drilled to 7194'. Survey 7149' 3/4 deg. Drilled to 7289'.

DR

Page 3:

Yates Petroleum - Windmill "ATI" St. #2 (Unit E) 16-15S-28E

\*\*\*\*\*Chaves Co., NM\*\*\*\*

Circulated and mix LCM sweeps - losing 80-100 bbls/hr.  
Drilled to 7300'. DC \$13,395; CC \$308,256

8-17-00 TD 7494' lime and shale. Circulate and mix LCM sweep.  
Made 194' in 9 hours, 21.56'/hr. MW 8.7, Vis 32, WL 14, Cl 35,000, FC 1/32, Calcium 1400, LCM dn 14, out 7, pH 8. WOB 50,000, RPM 55, SPM 62, PP 1275#. Drilled to 7321'. Losing 80-100 bbls/hr. Rig service.  
Drilled to 7494'. Losing 80-100 bbls/hr. Circulate and condition mud - mix LCM sweeps. Losing 60 bbls/hr at report time. DC \$26,221; CC \$334,477

8-18-00 TD 7547' lime and shale. WOC. Made 58' in 3.5 hours, 15.14'/hr. MW 8.8, Vis 33, WL 18, Cl 35,000, VC 1/32, Calcium 1400, pH 25. WOB 50, RPM 55, SPM 62, PP 1275#. Circulate and mix LCM - mud up. Drilled to 7547'. Circulate samples. Deep totco - no picture.  
SLM out to set cement plug. TIH with 29 joints opened ended drill pipe. Rig up Halliburton and cement at 2754' with 100 sx Class C 2% CaCl2. Tail with 100 sx thixad tropic 10# sk calcium + 10# sk Gilsonite + 2% CaCl2. PD at 10:15 PM 8-17-00. WOC - POH with 29 stands drill pipe. DC \$14,877; CC \$349,354

8-19-00 Drilling 7670' lime and shale. Made 123' in 10 hours, 12.30'/hr. MW 9.1, Vis 34, WL 20, Cl 65,000, FC 1/32, Calcium 65,000, pH 11. BGG 30. WOB 50,000, RPM 55, SPM 62, PP 1325#. WOC. TIH. Tag cement at 2513'. Drilled cement 2513-2815'. TIH. Ream 95' to bottom. Drilled to 7670'. Drilling formation at 8:00 PM 8-18-00. DC \$13,002; CC \$347,479

8-20-00 Drilling 7945' shale and lime. Made 275' in 23-1/4 hours, 11.83'/hr. MW 9.1, Vis 34, WL 6, Cl 65,000, FC 1/32, pH 11. BGG 10. WOB 50,000, RPM 55, SPM 62, PP 1350#. Drilled to 7670'. Service rig. Survey 7625' 1 deg. Drilled to 7945'. DC \$8102; CC \$355,581

8-21-00 Drilling 8162' shale and lime. Made 217' in 23-3/4 hours, 9.14'/hr. MW 9.4, Vis 31, WL 10, Cl 75,000, FC 1/32, pH 10. BGG 5. WOB 50,000, RPM 55, SPM 62, PP 1350#. Drilled to 7972'. Service rig. Drilled to 8162'. DC \$9444; CC \$379,902

8-22-00 Drilling 8380' shale, lime and sand. Made 218' in 23-1/4 hours, 9.38'/hr. MW 9.6, Vis 34, WL 10, Cl 75,000, FC 1/32, pH 11. BGG 5. WOB 50,000, RPM 55, SPM 62, PP 1400#. Survey 8177' 1-1/2 deg. Drilled to 8194'. 1 Service rig. Drilled to 8380'. DC \$6661; CC \$386,563

8-23-00 Drilling 8570' lime and shale. Made 190' in 22-1/4 hours, 8.54/hr. MW 9.6, Vis 33, WL 6, Cl 61,000, VC 1/32, pH 11. BGG 5. WOB 50,000, RPM 55, SPM 62, PP 1400#. Drilled to 8417'. Survey 8372' 1-3/4 deg. Service rig. Drilled to 8517'. Pump softline - no hit. Survey 8472' 1-1/4 deg. Drilled to 8570'. DC \$7645; CC \$394,208

8-24-00 Drilling 8820' lime, shale and sand. Made 250' in 23-3/4 hours, 10.53'/hr. MW 9.7, Vis 34, WL 6, Cl 61,000, FC 1/32, Calcium 1400, pH 11, . BGG 10. WOB 50,000, RPM 55, SPM 62, PP 1400#. Service rig. Drilled to 8820'. Losing approximately 10 bbls hour at report time. DC \$7966; CC \$402,174

8-25-00 TD 8861' lime, shale and sand. TIH with DST #1. Made 41' in 3-1/4 hours, 12.62'/hr. MW 9.7, Vis 32, WL 8, Cl 100,000 FC 1/32, Calcium 1400, pH 11. WOB 50,000, RPM 55, SPM 62, PP 1400#. Drilled to 8830'. Service rig. Drilled to 8861'. Circulate, mix LCM sweeps. Survey 8848' 2 deg. TOH for DST #1 8861-8784' (77') Atoka. Pick up test tools. TIH with test tools. DC \$9326; CC \$411,500

8-26-00 TD 8861' lime, shale and sand. Work on crown. MW 9.7, Vis 32, WL 8, Cl 100,000, FC 1/32, Calcium 1400, pH 11. SPM 62, PP 1400#. TIH and run DST #1. TOH with DST #1. Load out test tools. Break down and load out test tools. TIH with Bit #6, Ran into crown with blocks. Wait on welder. Cut wood out from under crown. . DC \$12,036; CC \$423,536

DR

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Yates Petroleum - Windmill "ATI" St. #2 (Unit E) 16-15S-28E

\*\*\*\*\*Chaves Co., NM\*\*\*\*

DETAILED RESULTS OF DST #1 8784-8861' Atoka:

TIMES: 15", 60", 60", 180". Opened tool with strong blow on 1/8" choke - 27 psi in 5 min on 1/8", 70 psi in 10 min on 1/4", 114 psi in 15 min on 1/4" at 189.6 MCFD. BOB 8n 1 min. GTS in 14 min. Shut in. Opened tool with strong blow on 1/4" choke - 87 psi in 5 min, 125 psi in 10 min, 167 psi in 15 min, 205 psi in 20 min, 240 psi in 25 min, 270 psi in 30 min, 295 psi in 35 min, 315 psi in 40 min, 338 psi in 45 min, 355 psi in 50 min, 374 psi in 55 min, 390 psi in 60 min on 1/4" choke at 596 MCFD. NOTE: Gas to surface throughout second flow. Final shut in 180 min. Pull packers loose. TOH with test tools.

RECOVERY: 280' (1.38 bbls) gas cut mud, CL 95,000

SAMPLER: 500 psi at 60 deg, 3.17 cu ft gas, 500 cu cm mud, CL 93,000.

PRESSURES:

DEPTH	8789'
BHT	139 deg F
IHP	4411
IFP	134-392
ISIP	3915
FFP	255-683
FSIP	3962
FHP	4415

Testing Company: Baker Oil Tools.

8-27-00 Drilling 9050' lime, shale and sand. Made 189' in 18-1/4 hours, 10.30'/hr. MW 9.8, Vis 34, WL 8, CL 88,000, FC 1/32, Calcium 1400, pH 11. WOB 50, RPM 55, SPM 62, PP 1475#. Cut wood out of crown. Rinish TIH. Wash 70' to bottom. Circulate, bottoms up. Drilled to 9050'. DC 11,058; CC \$434,594

8-28-00 Drilling 9288' lime, shale and sand. Made 88' in 23 hours, 8.17'/hr. M W 9.8, Vis 35, WL 10, CL 88,000, pH 11. WOB 50, RPM 55, SPM 62, PP 1475#. Service rig. Drilled to 4115'. Survey 4071' 2-3/4 deg. Drilled to 9238'. DC \$7983; CC \$442,577

8-29-00 Drilling 9426'. Made 188' in 23-3/4 hours, 7.92'/hr. MW 9.8, Vis 56, WL 10, CL 86,000, pH 11. BGG 4. WOB 50, RPM 55, SPM 62, PP 1475#. Drilled to 9243'.

8-30-00 Service rig. Drilled to 9426'. DC \$7920, CC \$450,497 TD 9512' lime and shale. TIH to pump LCM sweeps. Made 86' in 10.75 hours, 8'/hr. MW 9.8, Vis 36, WL 10, CL 88,000, pH 11. WOB 50, RPM 55, SPM 62, PP 1475#. Drilled to 9434'. Service rig. Drilled to 9512'. TD 7-3/4" hole at 5:00 PM 8-29-00. circulate and spot Vis pill on bottom. (No fluid loss). Drop totco 9512' 2-3/4 deg. TOH for logs. Wait on loggers. Losing approximately 60 bbls hr. TIH, to pump LCM sweeps. DC \$3826; CC \$454,323

8-31-00 TD 9512' lime and shale. Circulate and mix LCM pills. MW 9.3, Vis 34, WL 15, pH 11. SPM 62, PP 1475#. Wait on loggers. TIH. Build volume in pits. Condition mud. Finish TIH. Circulate and mix LCM pills. Losing 50-70 bbls per hour throughout. DC \$13,722; CC \$468,045

9-1-00 TD 9512'. Laid down drill string. Made 0'. MW 9.7, Vis 39, WL 7. SPM 62, PP 1475#. Condition hole. Mix LCM. TOH for logs. Rigged up loggers and logged hole. TIH. Washed to bottom. Circulated and laid down drill string. NOTE: Lost 400 bbls while logging. DC \$19,465; CC \$487,610

9-2-00 TD 9512'. Rig down. Finished laying down drill string. Rigged up casers and run 231 joints (9565.13') casing, set at 9528' as follows:

32 joints 5-1/2" 17# P-110 (1326.95')  
42 joints 5-1/2" 17# J-55 (1700.42')  
147 joints 5-1/2" 15.50# J-55 (6123.18')  
10 joints 5-1/2" 17# J-55 (414.58')

Float shoe set at 9528'. Float collar set at 9491'. Bottom of marker set at 7602'. Top of marker set at 7581'. Cemented with 950 sacks Interfill "H" + 5#/sx gilsonite + 1/4# flocele (yld 2.79, wt 11.5). Tailed

DR

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Yates Petroleum - Windmill "ATI" St. #2 (Unit E) 16-15S-28E

\*\*\*\*\*Chaves Co., NM\*\*\*\*\*

in with 560 sacks Super H + .5% Halad 344 + 1# salt + 5# gilsonite + .4% CFR-3 (yld 1.67, wt 13). PD at 7:45 PM 9-1-00. Bumped plug to 2000# for 2 mins. Float and casing held. Rig released at 1:45 AM 9-2-00. NOTE: Sandblasted casing 7650-9512'. Assisted with 150 bbls Nitro???? mud. Brought cement top to approx 1400'. Tagged bottom 16' deeper than expected. DC \$111,451; CC \$602,538

9-6-00 Waiting on completion unit.

9-7-00 Waiting on completion unit.

9-8-00 Waiting on completion unit.

9-9-11-00 Waiting on completion unit.

9-12-00 Waiting on completion unit.

9-13-00 Waiting on completion unit.

9-14-00 Waiting on completion unit.

9-15-00 Waiting on completion unit.

9-16-18-00 Waiting on completion unit.

9-19-00 5 min safety meeting. Clean location, set and test anchors. Move in and rig up unit. Nipple BOP. Pick up 4-3/4" bit and scrapper. TIH. Tag 9393', float collat at 9491', at 98' of cement. BTM shot 9428'. Close in well. Shut down. Prep to TOH with bit and scrapper. DC \$12,000; CC \$12,000

9-20-00 Five minute safety meting. TOH with bit and scraper. Rig broke down. Close in well. Shut down to repair rig. DC \$3410; CC \$15,410

9-21-00 Five minute safety meeting. Repair rig. Pick up 6 3-1/2" drill collar, 4-3/4" bit. TIH. Tag at 9390'. Drill cement to 9491'. Tag float collar. Circulate hole clean. Lay down swivel. Close in well. Shut down. Prep to pickle tubing. DC \$6260; CC \$21,670

9-21-00 Five minute safety meeting. Move in and rig up acid crew, picklr tubing and displace hole with 7% Morrow fluid. TOH with tubing and lay down drill collars. Move in and rig up wireline run GR/CBL/CCL from PBTD at 9491-8000' with 1500 psi on well. Perf Mississippian Lime zone 9414-28', 9330-47' with 4" casing guns 1 JSPF with lub. Total of 32 holes. Rig down and move out wireline. Close in well shut down. Prep to run packer and RBP. DC \$6410; CC \$28,080

9-22-00 TP 240# on 7/64" - 3 MCF.

9-23-00 TP 240# on 7/64" - 3 MCF.

9-24-00 TP 240# on 7/64" - 3 MCF.

9-23-25-00 Held 5 min safety meeting. TIH with 5-1/2" packer and RBP. Set RBP at 9462'. Pulled packer above top perf. Shut down. Prep to acidize. DC \$4895; CC \$32,975

9-26-00 Five minute safety meeting. Move in and rig up acid crew. Spot 5 bbls of 15% IC/HCL acid across Mississippian perfs 9414-28', 15 holes. Pull packer to 9368' acidize with 1000 gals of 15% IC/HCL. Break = 4500 psi, avg rate = 2.5 BPM, avg press 3950#. Dropped 30 ball sealers evenly in acid. Did not ball off. Flushed to bottom perf with 56 bbls of 7% Morrow fluid. ISDP = 3800 psi, 15 min = 3620. Flow back fluid. Release tools. Move RBP to 9368'. Set packer to test tools. Packer did not hold. TOH with packer, found middle seal element missing. Pick up new tool. TIH to 3000'. Close in well shut down. Prep to resume TIH and acidize. DC \$8245; CC \$41,220

9-27-00 Five minute safety meting. TIH with 5-1/2 Uni-5 packer, set above 5-1/2 Uni-6 RBP. Test to 1000 psi. PSI pull to 9346, spot 5 bbls 15% IC/HCL. Pull packer to 9303', reverse 3 bbls to clear tools. SET and test. Pump 1000 gals 15% IC/HCL with 34 ball sealers spaced evenly in acid. Break = 3460, avg rate = 3.0 BPM, avg pressure = 4350. Ball off with 30 balls on formation. Surge and clear ball sealers. Pump remaining acid, flush to bottom perf. ISDP = 4000, 15 min = 3720. Swab report below. Close in well. Shut down. Perfs acidized 9330-46' = 17 holes. 170 total



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\*\*\*\*\*Chaves Co., NM\*\*\*\*\*

load to recover. Recovered 134 bbls in 22 runs with slight blow on last run.

TIME	FL/#SR	WATER	GAS
11 AM	3000#	30	
12 PM	surface - 3	21	
1 PM	3000' - 3	18	
2 PM	5200' - 3	18	
3 PM	6500' - 3	14	acid
4 PM	7200' - 3	12	acid
5 PM	8500' - 3	12	
6 PM	9000' - 2	6	
7 PM	9000' - 1	2	trace
8 PM	9000' - 1	1	slight blow

DC \$5995; CC \$47,215

9-28-00 Five minute safety meeting. Well built up to 60 psi overnight. Run in swab tagged at 7200'. Swab report below. Load tubing. Release and pull packer + RBP. Close in well. Shut down. Prep to set CIBP and perf.

TIME	FL/#SR	WATER	GAS
7 AM	60#		
8 AM	7200' - 1	4	
9 AM	9000' - 1	1	
10 AM	9000' - 1	1	trace
11 AM	9000' - 1	1	trace
12 PM	9000' - 1	1	trace

DC \$3095; CC \$50,310

9-29-00 Five minute safety meeting. Move in and rig up wireline. Set 5-1/2" CIBP at 9303'. Perf Morrow lime + sand zones as follows, 8982-87' with 1 JSPF, 8988-9016', 9020-32' with 4 JSPF with 4" casing guns. TIH to 8953' with 5-1/2" Uni-6 Packer with 1.875 profile. Swab tubing dry. Close in well. Shut down. Prep to acidize. DC \$13,295; CC \$60,510

9-30-00 Five minute safety meeting. Move in and rig up and crew with N2. Pump 10,000 SFC of pad. Acidize with 2000 gal 7-1/2% Morrow type acid with 113,000 SCF of N2. Break = 4400 psi, avg rate = 4 BPM combined acid and N2, avg pressure = 4500 psi, ISDP = 4300, 15 min = 4200. rig down and move out acid crew. Open to pit on 1/4" choke at = 3700 psi with trace of fluid. Report below. close in well. Shut down. Prep to test. Total fluid to recover 80 bbls.

TIME	PSI	WATER	GAS
11 AM	3700#	trace	N2
12 PM	3200#	trace	N2
1 PM	2500#	trace	N2
2 PM	800#	15	N2
3 PM	750#	12	N2
4 PM	700#	12	N2 burnable gas
5 PM	700#	20	
6 PM	600#	15	
7 PM	550#	12	

DC \$10,835; CC \$71,345

10-1-2-00 Five minute safety meeting. Well built up to 1600 psi overnight. Open to pit on 1/4" choke. Burnable gas. Report below. Close in well. Shut down.

TIME	PSI/CHK	WATER	GAS
7 AM	1600# - 1/4"	10	
8 AM	1150# - 1/4"	5	
9 AM	1000# - 1/4"	trace	burnable gas
10 AM	850# - 1/4"	trace	
11 AM	700# - 1/4"	trace	
12 PM	550# - 1/4"	dry	
1 PM	400# - 1/4"	dry	
2 PM	250# - 1/4"	trace	
3 PM	7000' - 1	4	
4 PM	8500' - 2	12	slight blow
5 PM	8500' - 1	2	

shut in pressure 150#

DC \$2695; CC \$74,040

DR

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Yates Petroleum - Windmill "ATI" St. #2 (Unit E) 16-15S-28E

\*\*\*\*\*Chaves Co., NM\*\*\*\*

10-3-00 Five minute safety meeting. Well built up 1200 psi.  
Report below. Close in well. Rig down unit. Prep to  
move in unit.

TIME	PSI/CHK	OIL
7 AM	1200# - 1/4"	
8 AM	500# - 1/4"	
9 AM	200# - 1/4"	
10 AM	75# - 1/4"	
11 AM	7500' - 1	1
12 PM	8500' - 1	1
1 PM	200# - 1/4"	
2 PM	180# - 1/4"	
3 PM	120# - 1/4"	
4 PM	120# - 1/4"	
5 PM	250# - shut in	
DC \$2560; CC \$76,600		
WATER ANALYSIS 10/2/00		
Bircarbonate		128
pH		6.04
Specific Gravity at 60 deg F		1.08
Magnesium		31842
Total Hardness as CaCO3		54900
Chlorides		71306
Sulfate		925
Iron		381.3
Potassium		140.6
Rw		0.102
Total Dissolved Solids		128,250
Calcium		23,058
Nitrate		396

10-4-00 Held 5 min safety meeting. Moved in and rigged up  
unit. Pressure built up to 500 psi.

TIME	PSI/CHOKE	OIL	WATER
10 AM	500# - 1/4"		
11 AM	60# - 1/4"		
Noon	8900' - 1	1%	1
1 PM	45# - 1/8"		
2 PM	50# - 1/8"		
3 PM	70# - 1/8"		
4 PM	8900' - 1		1
5 PM	45# - 1/8"		

10-5-00 Close well in and shut down. DC \$2695; CC \$79,295  
Held 5 min safety meeting. Well built up to 450 psi.

TIME	PSI/CHOKE	OIL	WATER
7 AM	450# - 1/8"		
8 AM	100# - 1/8"		
9 AM	70# - 1/8"		
10 AM	55# - 1/8"		
11 AM	8500' - 1	50%	1 bbl
Noon	30# - 1/8"		
1 PM	40# - 1/8"		
2 PM	45# - 1/8"		
3 PM	55# - 1/8"		
4 PM	70# - 1/8"		
5 PM	60# - 1/8"		

10-6-00 Close in well and shut down. DC \$2740; CC \$82,035  
Held 5 mins safety meeting. Build up 450 psi  
overnight. Open on 1/8' choke.

TIME	PSI/CHOKE	OIL	WATER
7 AM	450# - 1/8"		
8 AM	100# - 1/8"		
9 AM	55# - 1/8"		
10 AM	55# - 1/8"		
11 AM	8500' - 1	70%	1
Noon	25# - 1/8"		
1 PM	34# - 1/8"		
2 PM	45# - 1/8"		
3 PM	8500'	50%	1
4 PM	30# - 1/8"		
5 PM	55# - 1/8"		

Close in well. Shut down. DC \$2740; CC \$84,775

DR

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Yates Petroleum - Windmill "ATI" St. #2 (Unit E) 16-15S-28E

\*\*\*\*\*Chaves Co., NM\*\*\*\*\*

10-7-9-00 Five minute safety meeting. Well built up to 400 psi overnight. Report below. Close in well. Rig down prep to move.

TIME	PSI/CHK	GAS
7 AM	400# - 1/8"	dry
8 AM	100# - 1/8"	dry
9 AM	70# - 1/8"	dry
10 AM	60# - 1/8"	dry

DC \$2540; CC \$87,315

10-10-00 No report.

10-11-00 No report.

10-12-00 Shut in.

10-13-00 Prep to frac 10-23-00. CC \$87,315

10-14-16-00 Well closed in. Frac date 10-23-00 (Dowell).

10-17-00 Well closed in. Frac date 10-23-00 (Dowell).

10-18-00 Well closed in. Frac date 10-23-00 (Dowell).

10-19-00 Well closed in. Frac date 10-23-00 (Dowell).

10-20-00 Moved in frac tanks., Load with fluid. All service companys notified and set up for Monday , 10-23-00 frac.

10-21-23-00 Moving sand and CO2. Dowell checked fluid in frac tank. Prep to frac Monday 10-23-00. DC \$4000; CC \$91,315

10-24-00 5 min safety meeting. Well built up to 1950 psi. Blow down tubing. Move in and rig up acid crew, install 10K tree saver. Pump 115 bbls with 304 bbls Co2 (50 tons) pad. Backside pressure built up to 3200 psi, bleed off back to 2000 psi. Pressure went up to 3000 psi. Shut down before sand was started. Backside started showing CO2. Rig down and move out acid crew. Remove tree saver. Blow down tubing to remove CO2. Shut down. Prep to more in unit and fix problem. DC \$37,196; CC \$128,511

10-25-00 No report.

10-26-00 Well shut in. Prep to move in unit 10-26-00.

10-27-00 5 min safety meeting. Move in and rig up. Well built up 800 psi. Load tubing. Nipple down tree. Nipple up BOP. Release packer and TOH. Found one bad joint of tubing. Close in well. Shut down. Prep to run 5-1/2 packer and test tubing into hole. DC \$5050; CC \$133,561

10-28-29-00 Held 5 min safety meeting. Moved in and rigged up tubing tester. TIH with 5-1/2" Arrow set 1 packer with on/off tool with 1.875 profile. Found 2 jts with pin hole leaks. Laid down 6 joints with pitting. Total 9 joints bad. Set packer at 8953'. Load and test backside to 3000 psi. Close in well. Rigged down unit. Prep to move to Windmill #3. Frac date 11-1-00 at 8:00 AM. DC \$6840; CC \$140,401

10-30-00 Frac date moved up to 10-31-00 8:00 AM. Rig has moved to Windmill #3.

10-31-00 Frac date moved up to 10-31-00 at 8:00 AM. Rig has moved to Windmill #3.

11-1-00 Held 5 min safety meeting. Moved in and rigged up frac crew. Installed 10K tree saver. Rigged up backside pump. Frac Morrow perfs 8982-9032' = 174' lime + sand zones with 43,000# black sand with 140 tons CO2, 330 bbls gelled fluid. Max PPA = 2#. Avg rate 14.8 with 70% Q CO2. Avg pressure 8543. ISDP 4134, 15 mins 5081. Rigged down and moved off frac crew. Removed tree saver. Rigged up flow back manifold. Leave closed in 3 hours.

TIME	PSI/CHOKE	WATER	GAS
4 PM	4260# - 1/4"	strg mst	CO2
5 PM	4025# - 1/4"	strg mst	CO2
6 PM	3700# - 1/4"	strg mst	CO2
7 PM	3350# - 3/8"	strg mst	CO2
8 PM	1200# - 3/8"	strg mst	CO2
9 PM	900# - 3/8"	strg mst	CO2
10 PM	600# - 3/8"	strg mst	CO2
11 PM	600# - 3/8"	trace	CO2
12 AM	550# - 3/8"	trace	CO2
1 AM	525# - 3/8"	trace	CO2

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\*\*\*\*\*Chaves Co., NM\*\*\*\*\*

2 AM	500# - 3/8"	trace	CO2
3 PM	475# - 3/8"	trace	CO2
4 AM	450# - 3/8"	trace	Co2
5 AM	400# - 3/8"	trace	trace
6 AM	380# - 3/8"	trace	trace

No sand in returns. DC \$76,191; CC \$216,592

11-2-00 Held 5 min safety meeting. Resumed flow test. Prep to move in swab unit.

TIME	PSI/CHOKE	WATER	GAS
7 AM	400# - 3/8"	trace	CO2
8 AM	400# - 3/8"	trace	CO2
9 AM	350# - 3/8"	trace	CO2
10 AM	325# - 3/8"	trace	CO2
11 AM	300# - 3/8"	trace	CO2
Noon	300# - 3/8"	trace	CO2
1 PM	-----		
2 PM	850# - 3/8"	steady flw	CO2
3 PM	550# - 3/8"	steady flw	CO2
4 PM	300# - 3/8"	steady flw	CO2
5 PM	210# - 3/8"	steady flw	CO2
6 PM	180# - 3/8"	steady flw	CO2
7 PM	100# - 3/8"	steady flw	CO2
8 PM	100# - 3/8"	steady flw	CO2
9 PM	100# - 3/8"	trace	CO2
10 PM	75# - 3/8"	trace	burnable gas
11 PM	55# - 3/8"	trace	burnable gas
12 AM	55# - 3/8"	trace	burnable gas
1 AM	50# - 3/8"	trace	burnable gas
2 AM	50# - 3/8"	trace	burnable gas
3 AM	50# - 3/8"	trace	burnable gas
4 AM	50# - 3/8"	trace	burnable gas
5 AM	30# - 3/8"	trace	burnable gas
6 AM	30# - 3/8"	trace	burnable gas

DC \$2750; CC \$219,342

11-3-00 Held 5 min safety meeting. Moved in and rigged up swab unit.

TIME	FL/#SR	WATER	GAS
7 AM	moved in and rigged up		
8 AM	6200' - 2	8	sl blow, burnable gas
9 AM	8000' - 2	8	sl blow, burnable gas
10 AM	8500' - 1	1	sl blow, burnable gas
11 AM	8900' - 1	1/2	sl blow, burnable gas
Noon	8900' - 1	1/2	sl blow, burnable gas
1 PM	8900' - 1	1/2	sl blow, burnable gas
2 PM	8900' - 1	1/2	sl blow, burnable gas
3 PM	25# - 1/8"	dry	burnable gas
4 PM	30# - 1/8"	dry	
5 PM	8000' - 1	1	

Close in well and shut down. DC \$3450; CC \$222,792

11-4-00 5 min safety meeting. Well built up to 1180 psi overnight. Open up to 1/8" choke. Report below.

Close in well shut down. DC \$2750; CC \$225,542

11-5-6-00 Last reported pressure from Friday 11-3-00, 720 psi on 1/8" choke with dry gas. Swab unit over hole. Prep to resume testing Morrow perfs.

11-7-00 Held 5 mins safety meeting. Well built up to 1570 psi. Opened up on 1/4" choke.

TIME	PSI/CHOKE	WATER	
7 AM	1750# - 1/4"	dry	trace CO2
8 AM	1150# - 1/4"	dry	
9 AM	900# - 1/4"	dry	
10 AM	750# - 1/4"	dry	
11 AM	550# - 1/4"	dry	

Rigged down and mvoed off swab unit. Close in well. Prep to set blanking plug in packer. DC \$1750; CC \$227,292

11-8-00 Shut down. Prep to move up to Atoka. Possible rig 11-9-00.

11-9-00 Well shut in. Prep to run static test on 11-13-00.

11-10-00 Well shut in. Prep to run static test 11-13-00.

11-11-13-00 Prep to run static test and set blanking plug.

DR

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Yates Petroleum - Windmill "ATI" St. #2 (Unit E) 16-15S-28E

\*\*\*\*\*Chaves Co., NM\*\*\*\*

11-14-00 Held 5 min safety meeting. Moved in and rigged up slick line crew. Run Static test to packer at 8953'. Set blanking plug in packer. Bleed off pressure. Moved in and rigged up unit. Loaded tubing. Nippled down tree. Nippled up BOP. Released on/off tool and start OOH. Close in well and shut down. Well had 1650 psi on tubing. DC \$5800; CC \$233,092

11-15-00 Held 5 min safety meeting. Resume TOH with on/off tool. TIH with 5-1/2" Uni-VI RBP, set at 8910'. TOH with on/off tool. Moved in and rigged up wireline. Perf Atoka sand with 4" casing guns 6 JSPF = 8862-8866' (total 24 holes). Close in well. Shut down. Prep to run packer and acidize. DC \$9290; CC \$133,382

11-16-00 5 min safety meeting. Casing built up to 1200 psi. Bleed off pressure and TIH with 5-1/2" Uni-5 packer with on/off tool = 8789'. Move in and rigged up acid + N2 crew. Acidize Atoka perms 8862-8866' = 24 holes with 1000 gal 7% Morrow sand type acid with 1000 SCF/bbl N2. Avg rate 4.8 BPM with a 50-50 mix acid and N2. Avg pressure = 4000 psi, flush with 1940 SFC N2, 15 bbls treated fluid, ISDP = 4040, 15 min = 3500 psi. Rig down and move out test crew. Open on 1/2" choke at 3000 psi. Total fluid to recover = 55 bbls. Total N2 to recover - 87,300 SCF. Report below. Close in well. Shut down.

TIME	PSI/#SR	WATER	GAS
1 PM	3000# - 1/2"	strong mist	N2
2 PM	1500# - 1/2"	strong mist	N2
3 PM	700# - 1/2"	strong mist	N2
4 PM	3200' - 3	18 bbls	N2
5 PM	6000' - 2	12 bbls	trace
6 PM	225# - 3/8"	strong mist	
7 PM	350# - 3/8"	trace	
8 PM	450# - 3/8"	dry	1574.2 MCFD/day

DC \$9116; CC \$242,498

11-17-00 5 min safety meeting. Well built up to 2600 psi over night. Open on 3/8" choke. Report below. Close in well. Clean up location. Break out all flow lines. Rig down. Prep to move.

TIME	PSI/#SR	WATER	GAS
7 AM	2600# - 3/8"	dry	
8 AM	1600# - 3/8"	trace	
9 AM	250# - 3/8"	strong mist	
10 AM	150# - 3/8"	strong mist	
11 AM	60# - 3/8"	slight mist	
12 PM	80# - 3/8"	slight mist	
1 PM	90# - 3/8"	slight mist	
2 PM	100# - 3/8"	slight mist	
3 PM	110 # - 3/8"	slight mist	418.2 mcf/day

DC \$2740; CC \$245,498

11-18-20-00 No report.

11-21-00 No report.

11-22-00 No report.

11-22-00 No report.

11-23-27-00 No report.

11-28-00 Building pipeline.

11-29-00 Building pipeline.

11-30-00 Building pipeline.

12-1-3-00 Building pipeline.

12-4-00 Building pipeline.

12-5-00 Building pipeline.

12-7-00 Building pipeline.

12-8-10-00 Building pipeline.

12-12-00 Building pipeline.

12-13-00 Building pipeline.

12-14-00 Building pipeline.

12-15-17-00 Building pipeline.

12-30-00 5 minute safety meeting. Well built up to 2200# on casing. Blow down pressure. TIH with on/off tool. Engage packer at 8953'. Pull blanking plug. Release packer, pull to 8500', packer dragging on TOH. Well



12-31-00 started to kick. Close in well. Shut down. Prep to pull remaining tubing and packer. DC \$6290; CC \$257,188  
5 minute safety meeting. Well built up to 2500 psi. Blow down pressure. Pull remaining tubing and packer. Packer hung up all the way out of hole. Found bottom rubber had wedged in bottom slip. Gas bubble worked to surface. Close in well. Shut down. Prep to run packer. Shut down at 3 PM to change out tubing line. DC \$5640; CC \$262,828

1-1-2-01 Prep to run packer to top of all perfs. CC \$262,828  
1-3-0 Held 5 min safety meetin.g Well built up to 2200 psi. Blow down well. TIH testing tubing with pump truck. Find 1 joint with pinhole leak. Replaced bad joint. TIH with standing valve in place. Could not pull standing valve. Gas flowing up tubing. Pull WT into sand line. Vent gas pressure. Order out line cutter. dC \$5040; CC \$267,868

1-4-01 Held 5 min safety meeting. Killed tubing. Could not work standing valve free. Drop line cutter. POH with sandline. Released on/off tool. TOH with tubing. Cut out 1000' of sand line left on top of bars. Close in well. Shut down. Prep to run on/off tool. DC \$8990; CC \$276,858

1-5-01 Held 5 min safety meeting. Well built up to 2500 psi. Blow down well. TIH with 5-1/2" Arrow set packer with on/off tool with 1.875" profile, 1 joint 2-7/8" tubing, 2-7/8" SN. Set packer at 8789'. Nippled down BOP. Nippled up tree. Tested to 1000 psi. Rigged up swab line and prep to swab. Close in well. Shut down. DC \$4340; CC \$281,198

1-6-01 Five minute safety meeting. Well bluilt up to 1500 psi overnight. Test below. Close in well. Shut down.

TIME	PSI/CHK	WATER	GAS
7 AM	1500# - 3/8"	steady flow	5144.2 mcf/day
8 AM	700# - 3/8"	steady flow	2424.2 mcf/day
9 AM	300# - 3/8"	steady flow	1064.2 mcf/day
10 AM	300# - 3/8"	steady flow	
11 AM	300# - 3/8"	steady flow	
12 PM	300# - 3/8"	steady flow	
1 PM	300# - 3/8"	steady flow	
3 PM	250# - 3/8"	steady flow	894.2 mcf/day
4 PM	250# - 3/8"	steady flow	
5 PM	250# - 3/8"	steady flow	

DC \$2740; CC \$283,938

1-7-8-01 Well flowing back steady flow of fluid with gas. Prep to flow back fluid to dry up fluid.

1-9-01 held 5 min safety meeting. Well built p to 3100 psi. Flowed as follows:

TIME	PSI/CHOKE	WATER
7 AM	3100# - 3/8"	steady flow
8 AM	1500# - 3/8"	steady flow
9 AM	1500# - 3/8"	steady flow
10 AM	1500# - 3/8"	steady flow
11 AM	1100# - 3/8"	steady flow
Noon	1100# - 3/8"	steady flow
1 PM	700# - 3/8"	steady flow
2 PM	500# - 3/8"	sl flow
3 PM	450# - 3/8"	sl flow
4 PM	300# - 3/8"	sl flow
5 PM	300# - 3/8"	sl flow - 1064.2 MCF/day

Close in well and shut down. dC \$2740; CC \$286,878

1-10-01 Held 5 min safety meeting. Well built up to 3000 psi overnight.

TIME	PSI/CHOKE	WATER
7 AM	3000# - 3/8"	steady flow
8 AM	2100# - 3/8"	steady flow
9 AM	1500# - 3/8"	steady flow
10 AM	1100# - 3/8"	steady flow
11 AM	600# - 3/8"	slight mist
Noon	350# - 3/8"	slight mist
1 PM	300# - 3/8"	slight mist
2 PM	300# - 3/8"	slight mist

DR

Page 12:

Yates Petroleum - Windmill "ATI" St. #2 (Unit E) 16-15S-28E

\*\*\*\*\*Chaves Co., NM\*\*\*\*\*

	3 PM	300# - 3/8"	slight mist	
	4 PM	300# - 3/8"	slight mist	
	5 PM	300# - 3/8"	slight mist	1064.2 MCF/day
	Close in well and shut down. DC \$2740; CC \$289,418			
1-11-01	5 minute safety meeting. Well built up to 2800 psi overnight. Break out flow line. Pick up location. Rig down and move out unit. Release oil rental equipment.			
	TIME	PSI/CHK	WATER	GAS
	7 AM	2850# - 3/8"	sl mist	
	8 AM	1800# - 3/8"	sl mist	
	9 AM	1100# - 3/8"	sl mist	
	10 AM	850# - 3/8"	sl mist	2934.2 MCF/day
	DC \$2540; CC \$291,958			
1-12-14-01	Building pipeline.			
1-15-01	Building pipeline.			
1-16-01	Building pipeline.			
1-17-01	Building pipeline.			
1-18-01	No report.			
1-19-21-01	Building pipeline.			
1-22-01	Building pipeline.			
1-23-01	Building pipeline.			
1-24-01	Building pipeline.			
1-25-01	Building pipeline.			
1-26-28-01	Building pipeline.			
1-29-01	Building pipeline.			
1-30-01	Building pipeline.			
1-31-01	Building pipeline.			
2-1-01	Building pipeline.			
2-3-5-01	Building pipeline.			
2-6-01	TP 700# on 16/64" - 0 bbls oil, 0 bbls water and 1276 MCF.			
2-7-01	TP 500# on 16/64" - 0 bbls oil, 0 bbls water and 1247 MCF.			
2-7-01	TP 500# on 16/64" - 0 bbls oil, 0 bbls water and 1247 MCF.			
2-8-01	TP 470# on 20/64" - 0 bbls oil, 0 bbls water and 1271 MCF.			
2-9-01	TP 390# on 22/64" - 0 bbls oil, 0 bbls water and 1274 MCF. LP 109.			
2-10-01	TP 290# on 24/64" - 0 bbls oil, 0 bbls water and 1274 MCF. LP 108.			
2-11-01	TP 250# on 26/64" - 0 bbls oil, 0 bbls water and 1204 MCF. LP 110.			
2-12-01	TP 200# on 26/64" - 0 bbls oil, 0 bbls water and 1185 MCF. LP 109.			
2-13-01	TP 120# on 64/64" - 0 bbls oil, 0 bbls water and 1208 MCF.			
2-14-01	TP 120# on 64/64" - 0 bbls oil, 0 bbls water and 1208 MCF.			
2-15-01	TP 110# on 64/64" - 0 bbls oil, 0 bbls water and 1197 MCF.			
2-16-01	TP 110# on 64/64" - 0 bbls oil, 0 bbls water and 1197 MCF.			
2-17-01	TP 110# on 64/64" - 0 bbls oil, 0 bbls water and 1192 MCF.			
2-18-01	TP 110# on 64/64" - 0 bbls oil, 0 bbls water and 1186 MCF.			
2-19-01	TP 110# on 64/64" - 0 bbls oil, 4 bbls water and 1178 MCF.			
2-20-01	TP 110# on 64/64" - 0 bbls oil, 0 bbls water and 1169 MCF.			
2-21-01	TP 110# on 64/64" - 0 bbls oil, 3 bbls water and 1164 MCF.			
2-22-01	TP 110# on 64/64" - 0 bbls oil, 0 bbls water and 1168 MCF.			
2-23-01	TP 110# on 64/64" - 0 bbls oil, 0 bbls water and 1154 MCF.			
2-24-01	TP 110# on 64/64" - 0 bbls oil, 0 bbls water and 1150 MCF.			
2-25-01	TP 110# on 64/64" - 0 bbls oil, 0 bbls water and 1143 MCF.			

DR

Page 13:

Yates Petroleum - Windmill "ATI" St. #2 (Unit E) 16-15S-28E

\*\*\*\*\*Chaves Co., NM\*\*\*\*\*

2-26-01 TP 110# on 1" choke - 0 bbls oil, 0 bbls water and 1139  
MCF.

2-28-01 No report.

3-1-01 No report.

3-2-01 No report.

DROPPED FROM DAILY REPORT UNTIL COMPLETION REPORT IS  
FILED.



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**  
Governor  
Jennifer A. Salisbury  
Cabinet Secretary

August 13, 2001

**Lori Wrotenberg**  
Director  
Oil Conservation Division

**Yates Petroleum Corporation**  
**105 South Fourth Street**  
**Artesia, New Mexico 88210-2118**

**Attention: Cy Cowan**

**Re:** *Administrative application for an exception to the well location provisions [Rule 2 (b)] of the "Special Rules and Regulations for the Buffalo Valley-Pennsylvanian Gas Pool," as promulgated by Division Order No. R-8170, as amended.*

Dear Mr. Cowan:

This letter acknowledges the receipt of your administrative application dated August 9, 2001 of an unorthodox Morrow gas well location for Yates Petroleum Corporation's existing Windmill "ATI" State Well No. 2 (API No. 30-005-63245), located 2310 feet from the North line and 990 feet from the West line (Unit E) of Section 16, Township 15 South, Range 28 East, NMPM, Chaves County, New Mexico. The Division received your application on August 9, 2001, and assigned it NMOCD application reference No. *pKRV0-122151632*. Please refer to this number in future correspondence with the Division.

Our preliminary review indicates that the information provided in the application is not sufficient to process an administrative order. The following information is necessary:

- (1) A drilling report or historical summary of this well that shows pertinent information concerning this well (spud date, completion date, TD depth, date reached, PBTD, etc.);
- (2) An explanation as to why Yates Petroleum Corporation waited so long, if applicable, to seek such location exception;
- (3) A detailed geological summary, with supporting maps, cross-sections, geophysical data, etc. to support your statement that "the Windmill ATI State #2 was drilled at this location for geological reasons"; and
- (4) a completed and signed "**Administrative Application Checklist**", which is now mandatory for such filings.

Since the submitted information is insufficient to review, the application was ruled as incomplete on August 13, 2001. Please submit the above stated information by Thursday, August 23, 2001.

***Yates Petroleum Corporation***

***August 13, 2001***

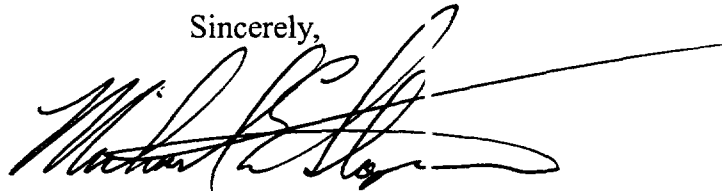
***Page 2***

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The Division can not proceed with your application until the required information is submitted. Upon receipt, the Division will continue to process your application. The additional information can be faxed to (505) 476-3471, or mailed to the Division in Santa Fe. If the necessary information is not submitted, your application will be returned to you.

Should you have any questions concerning this matter, please contact me in Santa Fe at (505) 476-3465. Thank you.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael E. Stogner", with a long horizontal flourish extending to the right.

Michael E. Stogner

Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division – Artesia  
William F. Carr, Legal Counsel for Yates Petroleum Corporation - Santa Fe





# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

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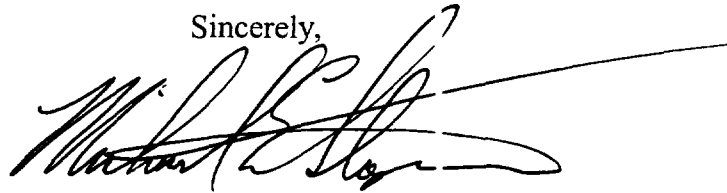
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Michael E. Stogner  
Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division – Artesia  
William F. Carr, Legal Counsel for Yates Petroleum Corporation - Santa Fe

122151632

NSL

MARTIN YATES, III  
1912-1985  
FRANK W. YATES  
1936-1986



105 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210

TELEPHONE (505) 748-1471

S. P. YATES  
CHAIRMAN OF THE BOARD  
JOHN A. YATES  
PRESIDENT  
REV. TON YATES  
EXECUTIVE VICE PRESIDENT  
RANDY G. PATTERSON  
SECRETARY  
DENNIS G. KINSEY  
TREASURER

## Fax Cover Sheet

To: Mike Stogner  
Company: NMOC  
Phone: (505) 476-3465  
Fax: 476-3462

From: Cy Cowan  
Company: Yates Petroleum Corporation  
Phone: 505-748-1471  
Fax: 505-748-4572

Date: 8/9/01  
Pages including this  
cover page: 6

### Comments:

FYI  
Hand Copy to follow today  
Thank you!  
Cy Cowan

MARTIN YATES, III  
1912 - 1985  
FRANK W. YATES  
1936 - 1986



105 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210-2118  
TELEPHONE (505) 748-1471

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TREASURER

August 9, 2001

Mr. Michael Stogner  
New Mexico Oil Conservation Division  
1220 South Saint Francis Drive  
Santa Fe, New Mexico 87505

Via Facsimile  
Certified Mail  
Return Receipt Request

RE: Application for Unorthodox Location  
Windmill ATI State #2  
2310' FNL and 990' FWL  
Section 15, T16S-R28E  
Eddy County, New Mexico

Dear Mr. Stogner

Yates Petroleum Corporation respectfully requests administrative approval for the captioned Morrow gas well. The well located on State of New Mexico Minerals, Lease V-4459.

The Windmill ATI State #2 was drilled at this location for geological reasons. As you can see from the attached topographic map Yates has drilled or re-entered four (4) wells in the west half of Section 16. The Windmill ATI State #2 was designed to be a step out to the north following a possible geological trend. Yates' Chester AYC State #1 well located in Section 9 was also drilled to the Morrow Formation.

Yates Petroleum Corporation is the offset operator to the south since Lease V-4459 covers the entire section. Therefore Yates requests administrative approval for this unorthodox location at your earliest convenience. We also wish this approval to cover the following formations in the Buffalo Valley Penn Pool, the Cisco, Canyon, Strawn, Atoka, and Morrow.


Enclosed please find, a copy of the C-101, C-102, lease plat and topographic plat for your review.

Should you need anything further please advise.

Thank you,

Very truly yours,

YATES PETROLEUM CORPORATION



Cy Cowan  
Regulatory Agent

/cyc

**FILE COPY**

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505



Form C-101  
Revised March 17, 1999

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, New Mexico 88210		OGRID Number 025575
Property Code 25859	Property Name Windmill A/R State	API Number 30-005-53245
Well No. 2		

#### Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	16	15S	28E		2310'	North	990'	West	Chaves

#### 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

#### Proposed Pool 2

Buffalo Valley, Penn. (GAS)	
-----------------------------	--

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3569'
Multiple No	Proposed Depth 9300'	Formation Morrow	Contractor undesignated	Spud Date ASAP

#### Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14 3/4"	11 3/4"	42#	400'	260 sx	surface
11"	8 5/8"	24#	1800'	445 sx	surface
7 7/8"	5 1/2"	17#	9300'	450 sx	surface
Sufficient to cover all oil, gas and water bearing zones					

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.

Yates Petroleum Corporation proposes to drill and test the Morrow and intermediate formations. Approximately 400' of surface casing will be set and cemented. Approx. 1900' of intermediate casing will be set and cement circulated to shut off gravel and caving. If commercial, production casing will be run and cement circulated, will perforate and stimulate as needed for production.

MUD PROGRAM: 0-400' FW/Native Mud; 400'-1900' Brine; 1900'-5300' Cut Brine; 5300'-8000' Brine; 8000' TD Salt Gel Starch.

BOPE PROGRAM: BOPE will be installed on the 8 5/8" casing and tested daily for operational.

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

Signature:

Printed name:

Title:

Date:

Cy Cowan

Regulatory Agent

Phone: (505) 748-1471

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Conditions of Approval:

Attached ☐

ORIGINAL SIGNED BY TIM W. GUM  
DISTRICT II SUPERVISOR

MAY 08 2000

Expiration Date:

MAY 08 2001

DISTRICT I  
P.O. Box 1880, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
Instruction on back  
Submit to Appropriate District Office.  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Grande Ed., Artesia, NM 87410

# OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name Wildcat Morrow
Property Code	Property Name WINDMILL "ATI" STATE	Well Number 2
OGED No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 3569

### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	16	15S	28E		2310	NORTH	990	WEST	CHAVES

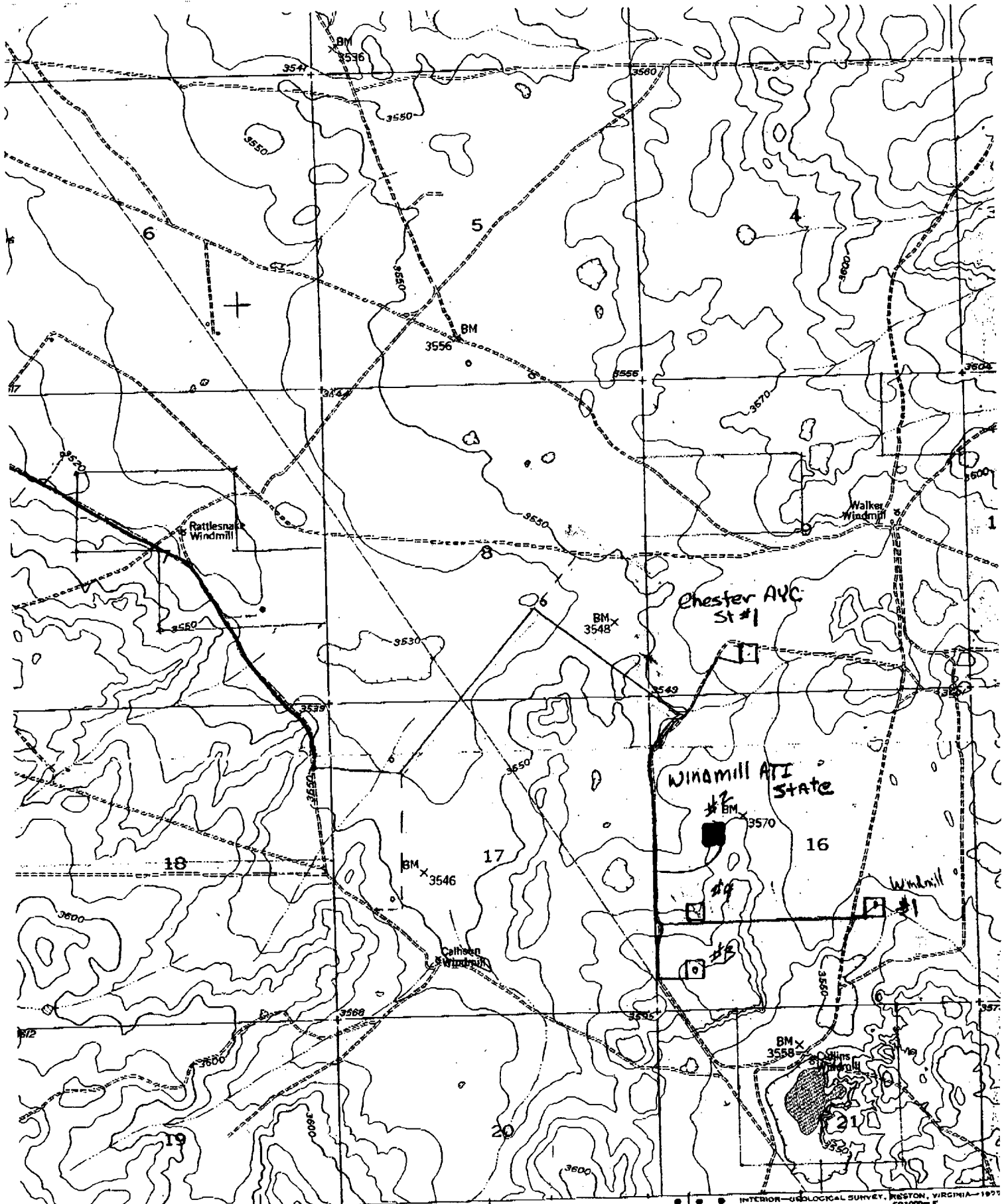
### Bottom Hole Location If Different From Surface

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

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
------------------------	-----------------	--------------------	-----------

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

	<h3>OPERATOR CERTIFICATION</h3> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Cy Cowan</i> Signature Cy Cowan Printed Name Regulatory Agent Title 5-3-2000 Date</p>			
	<h3>SURVEYOR CERTIFICATION</h3> <p>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.</p> <p>4/14/2000 Date Surveyed</p> <p>Signature of Registered Professional Surveyor  </p> <p>Certificate No. H-10001 &amp; Jones RLS 3640 PRONDMILL 2 LAND SURVEYING COMPANY DISK 26 GENERAL SURVEYING COMPANY</p>			

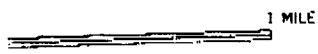


INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA-1977  
581000m E

R. 28 E 1577

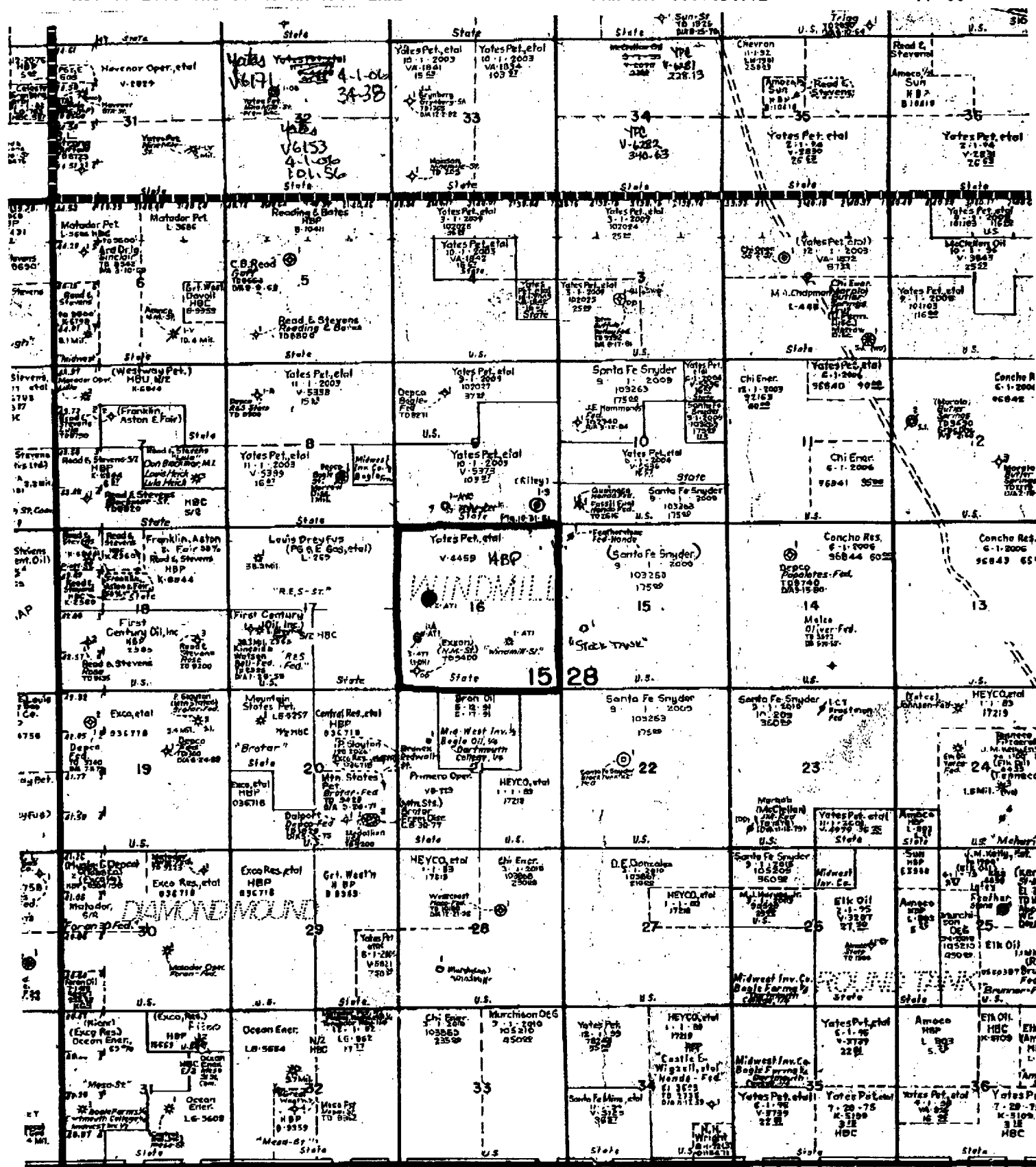
10 1578

1579



ROAD CLASSIFICATION

Heavy-duty ——— 4 LANE 6 LANE Light-duty ———



R28E

prepared  
any shall in no  
occur.  
ade before

N  
↑



MARTIN YATES, III  
1912 - 1985  
FRANK W. YATES  
1936 - 1986



105 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210-2118  
TELEPHONE (505) 748-1471

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TREASURER

August 9, 2001

Mr. Michael Stogner  
New Mexico Oil Conservation Division  
1220 South Saint Francis Drive  
Santa Fe, New Mexico 87505

Via Facsimile  
**Certified Mail**  
Return Receipt Request

RE: Application for Unorthodox Location  
Windmill ATI State #2  
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*Chavrs*

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The Windmill ATI State #2 was drilled at this location for geological reasons. As you can see from the attached topographic map Yates has drilled or re-entered four (4) wells in the west half of Section 16. The Windmill ATI State #2 was designed to be a step out to the north following a possible geological trend. Yates' Chester AYC State #1 well located in Section 9 was also drilled to the Morrow Formation.

Yates Petroleum Corporation is the offset operator to the south since Lease V-4459 covers the entire section. Therefore Yates requests administrative approval for this unorthodox location at your earliest convenience. We also wish this approval to cover the following formations in the Buffalo Valley Penn Pool, the Cisco, Canyon, Strawn, Atoka, and Morrow.

Enclosed please find, a copy of the C-101, C-102, lease plat and topographic plat for your review.

Should you need anything further please advise.

Thank you,

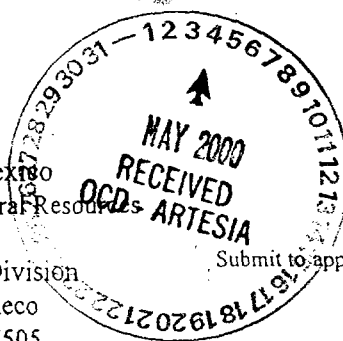
Very truly yours,

YATES PETROLEUM CORPORATION

*Cy Cowan*  
Cy Cowan  
Regulatory Agent

/cyc

# FILE COPY



District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised March 17, 1999

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, New Mexico 88210		OGRID Number 025575
Property Code 25859		API Number 30-005-63245
Property Name Windmill ALK State		Well No. 2

### Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	16	15S	28E		2310'	North	990'	West	Chaves

### 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

### Proposed Pool 2

Buffalo Valley, Penn. (GAS)	
-----------------------------	--

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3569'
Multiple No	Proposed Depth 9300'	Formation Morrow	Contractor undesignated	Spud Date ASAP

### Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14 3/4"	11 3/4"	42#	400'	260 sx	surface
11"	8 5/8"	24#	1800'	445 sx	surface
7 7/8"	5 1/2"	17#	9300'	450 sx	surface
Sufficient to cover all oil, gas and water bearing zones					

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.

Yates Petroleum Corporation proposes to drill and test the Morrow and intermediate formations. Approximately 400' of surface casing will be set and cemented. Approx. 1900' of intermediate casing will be set and cement circulated to shut off gravel and caving. If commercial, production casing will be run and cement circulated, will perforate and stimulate as needed for production.  
MUD PROGRAM: 0-400' FW/Native Mud; 400'-1900' Brine; 1900'-5300' Cut Brine; 5300'-8000' Brine; 8000' TD Salt Gel Starch.  
BOPE PROGRAM: BOPE will be installed on the 8 5/8" casing and tested daily for operational.

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

Signature:

Printed name:

Title:

Date:

Cy Cowan

Regulatory Agent

Phone: (505) 748-1471

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Conditions of Approval:

Attached ☐

ORIGINAL SIGNED BY TIM W. GUM  
DISTRICT II SUPERVISOR

MAY 08 2000

Expiration Date:

MAY 08 2001

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brason Ed., Artec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
Instruction on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
		Wildcat Morrow
Property Code	Property Name	Well Number
	WINDMILL "ATI" STATE	2
OGRID No.	Operator Name	Elevation
025575	YATES PETROLEUM CORPORATION	3569

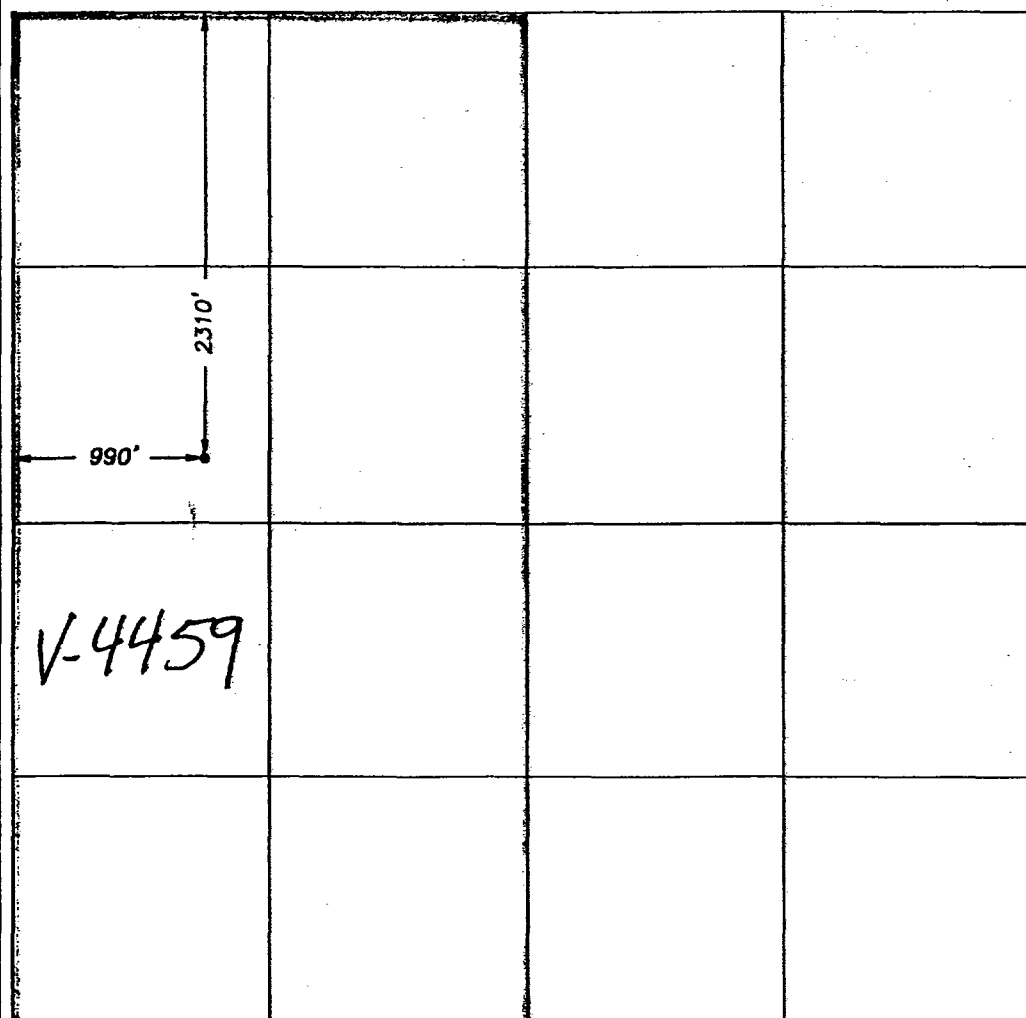
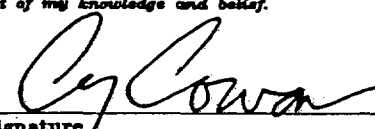
Surface Location

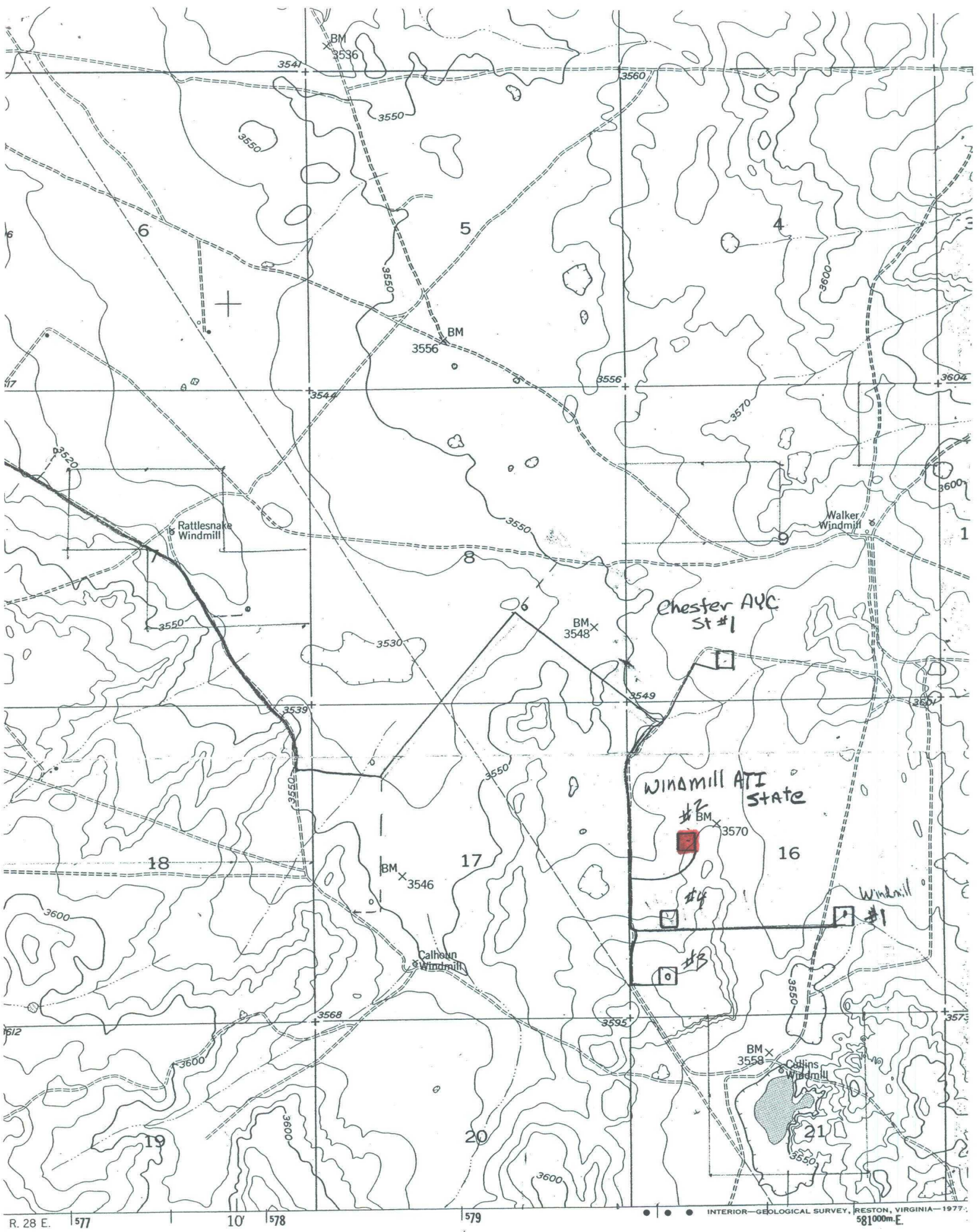
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	16	15S	28E		2310	NORTH	990	WEST	CHAVES

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
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						
320									

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

	<b>OPERATOR CERTIFICATION</b> <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Cy Cowan Printed Name Regulatory Agent Title 5-3-2000 Date	
	<b>SURVEYOR CERTIFICATION</b> <i>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.</i> 4/14/2000 Date Surveyed Signature of Professional Surveyor 3640 Certificate No. Harschel Jones RLS 3640 WINDMILL 2 DISK 26 GENERAL SURVEYING COMPANY	



ROAD CLASSIFICATION

Heavy-duty \_\_\_\_\_ 4 LANE 16 LANE Light-duty \_\_\_\_\_





M

of the notification of reclassification. The District Supervisor shall approve or disapprove the request within 10 days after receipt thereof or in the alternative, with the consent of the applicant, set the request for hearing.

- (b) In the event an oil well in the Blinberry Oil and Gas Pool is reclassified as a gas well, the operator of such well will be afforded the opportunity to form a non-standard gas proration unit for the well; provided however, that, until such unit is formed, said well shall be allocated a gas allowable commensurate with the acreage contained in the unit formerly dedicated to the oil well. In the event of two or more gas wells producing from the Blinberry Oil and Gas Pool within a single proration unit, the allowable assigned to the unit may be produced from any well on the unit in any proportion.

RULE 29(a) Condensate from any gas well in the Blinberry Oil and Gas Pool may be commingled with other condensate produced by any other gas well or wells producing from the pool or the Tubb Oil and Gas Pool following its separation from the gas in a separator, provided approval therefor has been obtained in accordance with Division Rule 303-B and/or Rule 309-B, whichever is applicable.

- (b) If two-stage separation is used, the low-pressure gas shall be directed into a low-pressure gas gathering system, and said low-pressure gas need not be measured separately from the other low-pressure gas produced on the lease, provided that certain test facilities are available and periodic tests made in accordance with Rule 27 above.

SPECIAL RULES AND REGULATIONS FOR THE  
BUFFALO VALLEY-PENNSYLVANIAN GAS POOL

The Buffalo Valley-Pennsylvanian Gas Pool, Chaves County, New Mexico, was created November 1, 1962 and gas proration in this pool became effective May 1, 1969.

A. DEFINITIONS

THE VERTICAL LIMITS of the Buffalo Valley-Pennsylvanian Gas Pool shall be the Pennsylvanian formation.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(a). A standard GPU in the Buffalo Valley-Pennsylvanian Gas Pool shall be 320 acres.

RULE 2(b). Each well completed or recompleted in the Buffalo Valley-Pennsylvanian Gas Pool shall be located in the northwest quarter or the southeast quarter of the section and shall be located no nearer than 990 feet to the outer boundary of the quarter section nor nearer than 330 feet to any governmental quarter-quarter section line; provided, however, that any well drilling to or completed in said pool on or before October 31, 1962, is hereby excepted from the requirements of this rule.

D. ALLOCATION AND GRANTING OF ALLOWABLES

RULE 5. Acreage is the only proration factor in the Buffalo Valley-Pennsylvanian Gas Pool.

SPECIAL RULES AND REGULATIONS FOR THE  
BURTON FLAT-MORROW GAS POOL

The Burton Flat-Morrow Gas Pool, Eddy County, New Mexico was created March 1, 1973 and gas proration in this pool became effective April 1, 1974.

A. DEFINITIONS

THE VERTICAL LIMITS of the Burton Flat-Morrow Gas Pool shall be the Morrow formation.

B. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 2(a). A standard GPU in the Burton Flat-Morrow Gas Pool shall be 320 acres.

RULE 2(b). Each well completed or recompleted in the Burton Flat-Morrow Gas Pool shall be located no closer than 1980 feet to the end boundary nor closer than 660 feet to the side boundary of the proration unit nor closer than 330 feet to any governmental quarter-quarter section or subdivision inner boundary.

D. ALLOCATION AND GRANTING OF ALLOWABLES

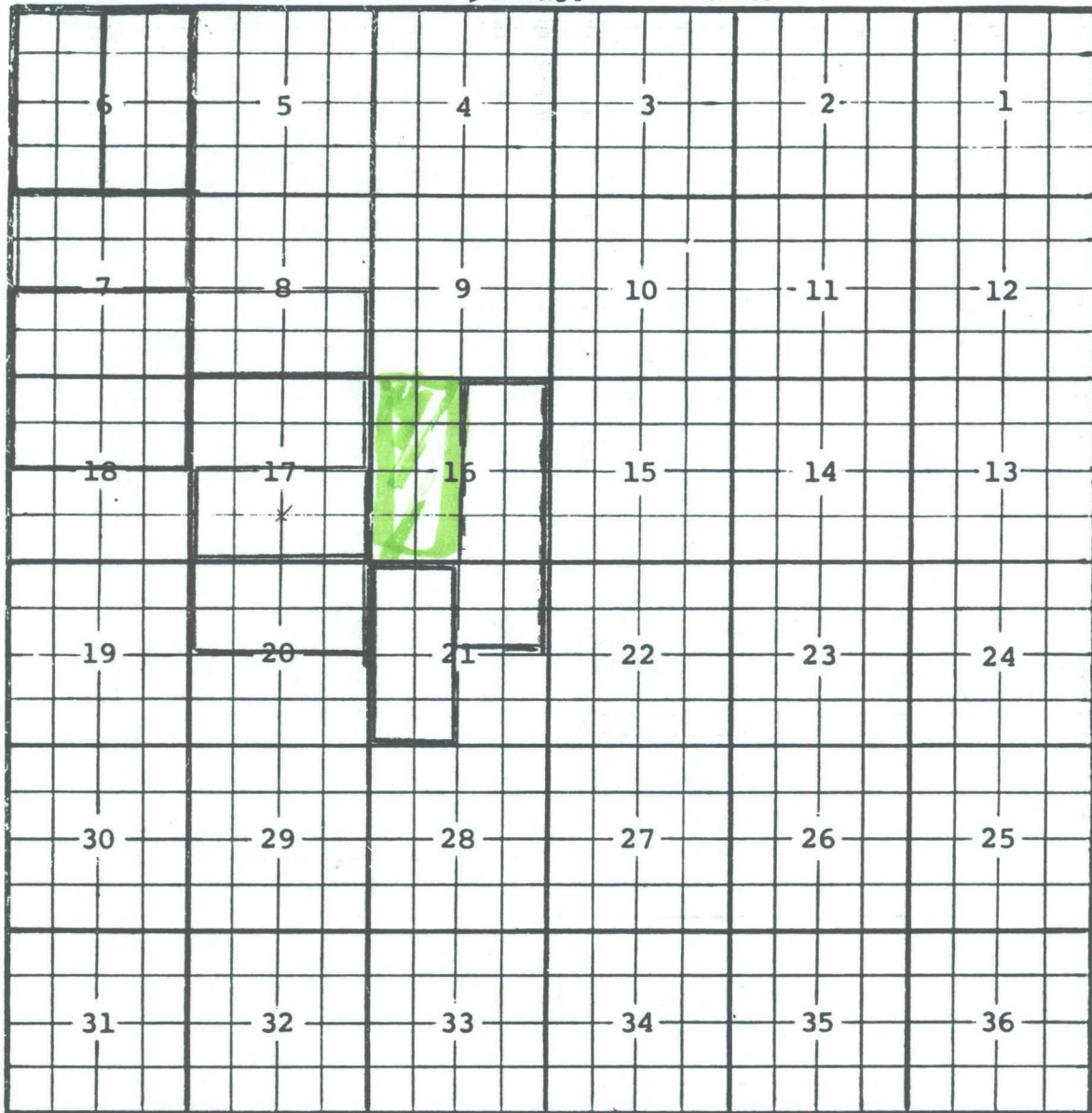
RULE 5. Acreage is the only proration factor in the Burton Flat-Morrow Gas Pool.

SPECIAL RULES AND REGULATIONS FOR THE  
BURTON FLAT-STRAWN GAS POOL



COUNTY *Chaves*POOL *Buffalo Valley - Pennsylvanian Gas*TOWNSHIP *15 South*RANGE *28 East*

NMPM



Ext:  $\frac{W}{2}$  Sec. 6 (R-4086, 2-1-71) -  $\frac{E}{2}$  Sec. 6 (R-4146, 6-1-71) -  $\frac{S}{2}$  Sec. 7;  $\frac{N}{2}$  Sec. 18 (R-4437)

Ext:  $\frac{S}{2}$  Sec. 8 (R-5361, 3-1-77) Ext:  $\frac{N}{2}$  Sec. 7 (R-5511, 9-1-77)

Ext:  $\frac{N}{2}$  Sec. 17 (R-5667, 4-1-78)

Ext:  $\frac{S}{2}$  Sec. 17 (R-5987, 4-1-79) Ext:  $\frac{N}{2}$  Sec. 20 (R-6274, 3-1-80)

EXT:  $\frac{W}{2}$  SEC 21 (R-9096, 1-1-90) Ext:  $\frac{E}{2}$  Sec. 16,  $\frac{NE}{4}$  Sec. 21 (R-11384, 5-25-00)

CMD :  
OG5SECTONGARD  
INQUIRE LAND BY SECTION08/13/01 17:01:03  
OGOMES -TQLE  
PAGE NO: 1

Sec : 16 Twp : 15S Rng : 28E Section Type : NORMAL

D 40.00 CS V04459 0000 YATES PETROLEUM C 09/01/99	C 40.00 CS V04459 0000 YATES PETROLEUM C 09/01/99	B 40.00 CS V04459 0000 YATES PETROLEUM C 09/01/99	A 40.00 CS V04459 0000 YATES PETROLEUM C 09/01/99
E 40.00 CS V04459 0000 YATES PETROLEUM C 09/01/99 A	F 40.00 CS V04459 0000 YATES PETROLEUM C 09/01/99	G 40.00 CS V04459 0000 YATES PETROLEUM C 09/01/99	H 40.00 CS V04459 0000 YATES PETROLEUM C 09/01/99

PF01 HELP  
PF07 BKWDPF02  
PF08 FWDPF03 EXIT  
PF09 PRINTPF04 GoTo  
PF10 SDIVPF05  
PF11PF06  
PF12



CMD :  
OG5SECTONGARD  
INQUIRE LAND BY SECTION08/13/01 17:01:08  
OGOMES -TQLS  
PAGE NO: 2

Sec : 16 Twp : 15S Rng : 28E Section Type : NORMAL

L 40.00 CS V04459 0000 YATES PETROLEUM C 09/01/99 A	K 40.00 CS V04459 0000 YATES PETROLEUM C 09/01/99	J 40.00 CS V04459 0000 YATES PETROLEUM C 09/01/99 A	I 40.00 CS V04459 0000 YATES PETROLEUM C 09/01/99
M 40.00 CS V04459 0000 YATES PETROLEUM C 09/01/99 A	N 40.00 CS V04459 0000 YATES PETROLEUM C 09/01/99	O 40.00 CS V04459 0000 YATES PETROLEUM C 09/01/99	P 40.00 CS V04459 0000 YATES PETROLEUM C 09/01/99

PF01 HELP  
PF07 BKWDPF02  
PF08 FWDPF03 EXIT  
PF09 PRINTPF04 GoTo  
PF10 SDIVPF05  
PF11PF06  
PF12

CMD : ONGARD 08/13/01 17:01:24  
OG6C101 C101-APPLICATION FOR PERMIT TO DRILL OGOMES -TQLS

OGRID Idn : 25575 API Well No: 30 5 63245 APD Status(A/C/P): A  
Opr Name, Addr: YATES PETROLEUM CORPORATION Aprvl/Cncl Date : 05-08-2000  
105 S 4TH ST  
ARTESIA,NM 88210

Prop Idn: 25859 WINDMILL ALK STATE Well No: 2

	U/L	Sec	Township	Range	Lot Idn	North/South	East/West
Surface Locn	: E	16	15S	28E		FTG 2310 F N	FTG 990 F W
OCD U/L	: E		API County	: 5			

Work typ(N/E/D/P/A) : N Well typ(O/G/M/I/S/W/C): G Cable/Rotary (C/R) : F  
Lease typ(F/S/P/N/J/U/I): S Ground Level Elevation : 3569

State Lease No: Multiple Comp (S/M/C) : S  
Prpsd Depth : 9300 Prpsd Frmtn : BUFFALO VALLEY PENN

E0009: Enter data to modify record

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07	PF08	PF09 PRINT	PF10 C102	PF11 HISTORY	PF12

CMD : ONGARD 08/13/01 17:01:39  
OG6C101 C101-APPLICATION FOR PERMIT TO DRILL OGOMES -TQLS

OGRID Idn : 25575 API Well No: 30 5 63313 APD Status(A/C/P): A  
Opr Name, Addr: YATES PETROLEUM CORPORATION Aprvl/Cncl Date : 11-19-2000  
105 S 4TH ST  
ARTESIA,NM 88210

Prop Idn: 24844 WINDMILL ATI STATE Well No: 4

	U/L	Sec	Township	Range	Lot Idn	North/South	East/West
	---	---	-----	-----	-----	-----	-----
Surface Locn : L	16	15S	28E			FTG 1650 F S	FTG 660 F W
OCD U/L : L		API	County :	5			

Work typ(N/E/D/P/A) : N Well typ(O/G/M/I/S/W/C): G Cable/Rotary (C/R) : F  
Lease typ(F/S/P/N/J/U/I): S Ground Level Elevation : 3570

State Lease No: Multiple Comp (S/M/C) : S  
Prpsd Depth : 9300 Prpsd Frmtn : BUFFALO VALLEY MORROW

E0009: Enter data to modify record

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07	PF08	PF09 PRINT	PF10 C102	PF11 HISTORY	PF12

YATES PETROLEUM CORPORATION

PAGE

**P/DWIGHTS PLUS DRILLING WIRE™**  
**NEW MEXICO**  
**Section II - 07/16/2001**

**DRILLING PROGRESS**

**NEW MEXICO DISTRICT 1,2,4-CHAVES COUNTY CONTINUED**

**DEVON SFS OPERATING INCORPORATED**  
1 STOCK TANK '15' FED COM  
API 30-005-63371

**15-15S-28E**  
C NW SW  
1980 FSL 660 FWL SEC

**BUFFALO VALLEY;** 9500 MORROW (FR:20010410 OKC MSW) LEASE TYPE:FEDERAL TARGET OBJ: GAS; **OPER ADD:** 20 NORTH BROADWAY, STE 1500, OKLAHOMA CITY, OK 73102-8260, (405)235-3611 **EL:** 3574 GR **LOCATION DATA:** 3/5 MI E BUFFALO VALLEY (CISCO) FLD 16 MI SE HAGERMAN, NM; 2717.2 FT E YATES PETROLEUM CORP'S #1 WINDMILL 'ATI' STATE, TD 9320, GAS WELL, BUFFALO VALLEY(CISCO); **VERTICAL;**

**LOC; \$\$\$\$**

**YATES PETROLEUM CORPORATION**  
2 WINDMILL 'ATI' STATE  
API 30-005-63245

**16-15S-28E**  
SE SW NW  
2310 FNL 990 FWL SEC

**BUFFALO VALLEY;** 9300 MORROW (PMT APP'D 20000508) (FR:20000510 MIDL MJA) LEASE TYPE:STATE TARGET OBJ: GAS; **OPER ADD:** 105 S 4TH ST, YATES BLDG, ARTESIA, NM 88210, (505)748-1471 **EL:** 3569 GR **LOCATION DATA:** 17 MI SE HAGERMAN, NM **VERTICAL;**

**CONTR:** PATTERSON DRILLING, **RIG # 1; SPUD:20000730 CSG:** 16 IN @ 40,11 3/4 IN @ 402 W/300 SACK,8 5/8 IN @ 1920 W/400 SACK,5 1/2 IN @ 9512 W/1510 SACK; **DRLG COMMENTS:** SPD W/RT ON JULY 31ST; **RIG REL:** 20000903 **DST # 01** 8784-8861, NO DETAILS **9512 TD, 9512 DTD ....WELL DRLD, NO FURTHER DETAILS (LDIR:20010601) \$\$\$\$**

**SANTA FE SNYDER CORPORATION**  
1 STOCK TANK '22' FEDERAL  
IC 30005780062000

**22-15S-28E**  
S2 SE NW  
2130 FNL 1980 FWL SEC

**WILDCAT;** 9400 (FR:20000601 MIDL MJA) LEASE TYPE:FEDERAL TARGET OBJ: GAS; **OPER ADD:** 550 W TEXAS, STE 1330, MIDLAND, TX 79701, (915)687-3551 **EL:** 3619 GR **LOCATION DATA:** 16 MI SE HAGERMAN, NM 1 1/4 MI E/8856 (ATOK) OIL PROD IN BUFFALO VALLEY FLD; **VERTICAL;**

**LOC; \$\$\$\$**

**MURCHISON OIL & GAS INCORPORATED**  
1 WINDMILL FEDERAL COM  
API 30-005-63338

**28-15S-28E**  
NE SW SW  
1310 FSL 1310 FWL SEC

**DIAMOND MOUND;** 9500 MORROW (FR:20010215 MIDL MJA) LEASE TYPE:FEDERAL TARGET OBJ: GAS; **OPER ADD:** 1100 MIRA VISTA BLVD, PLANO, TX 75093, (972)931-0700 **EL:** 3561 GR **LOCATION DATA:** 15 MI NE ARTESIA, NM **VERTICAL;**

**CONTR:** PATTERSON DRILLING COMPANY, **RIG # 78; SPUD:20010314 CSG:** 13 3/8 IN @ 418.8 5/8 IN @ 1845.5 1/2 IN @ 9400; **RIG REL:** 20010503 **9400 TD, 9354 PBTD PROD TEST(S): # 01** PERF (ATOKA) 8906-8922 9004-9020 W/ 128 SHOTS ; **9400 DTD 9354 PB ....WO EVAL (LDIR:20010613) \$\$\$\$**

**MATADOR OPERATING COMPANY 30-15S-28E**  
2 FORAN '30' FEDERAL  
API 30-005-63314

**C NW NW**  
660 FNL 660 FWL SEC

**DIAMOND MOUND;** 9300 MORROW (PMT APP'D 20001117) (FR:20001130 MIDL MJA) LEASE TYPE:FEDERAL TARGET OBJ: GAS; **OPER ADD:** 8340 MEADOW RD, STE 150, DALLAS, TX 75231, (214)987-7144 **EL:** 3623 GR **LOCATION DATA:** 13 MI E LAKE ARTHUR, NM **VERTICAL;**

**CONTR:** PATTERSON DRILLING, **RIG # 49; SPUD:20001230 CSG:** 13 3/8 IN @ 403 W/375 SACK,8 5/8 IN @ 1837 W/369 SACK,4 1/2 IN @ 9220 W/750 SACK; **9225 TD, 8930 PBTD 9225 DTD 8930 PB ....TESTING (LDIR:20010625) \$\$\$\$**

**NADEL AND GUSSMAN PERMIAN LLC**  
2 PEERY FEDERAL  
API 30-005-00515-0100

**29-15S-30E**  
C SW SE  
660 FSL 1980 FEL SEC

**LITTLE LUCKY LAKE;** 11729 DEVONIAN (FR:20010626 OKC JRC) LEASE TYPE:FEDERAL TARGET OBJ: OIL; **OPER ADD:** 601 N MARIENFELD , STE 508, MIDLAND, TX 79701- , (915)682-4429 **EL:** 3973 DF 3960 GR **LOCATION DATA:** 10 MI N LOCO HILLS, NM **DIRECTIONAL; PBHL:** MD 11729 367 FSL 899 FEL SEC 29-15S-30E SW SE SE **OLD INFO :** 30-005-00515-0003 FORMERLY PALOMA RESOURCES INCORPORATED 2 PEERY FEDERAL EL: 3955 GR. **SPUD:**19940410 **TBG:** 2 7/8 IN@ 9857; **OTD:** 12313 **PB:** 10100 **COMP:**19940423 **# 01** IPF COND: 82 BPD GAS: 1671 MCFD GOR 17900 OIL GTY: 63 SITP 2055 PROD ZONE: PERF (MORROW) 9992-10006 W/ 80

**PROPOSED SPUD:20010815 LOC; \$\$\$\$**

**NADEL AND GUSSMAN PERMIAN LLC**  
1 MIA MICHELLE STATE  
API 30-005-21161

**32-15S-30E**  
NW NE NE  
572 FNL 1189 FEL SEC

**LITTLE LUCKY LAKE;** 11450 DEVONIAN (FR:20000525 OKC JRC) LEASE TYPE:STATE TARGET OBJ: OIL; **OPER ADD:** 601 N MARIENFELD , STE 508, MIDLAND, TX 79701- , (915)682-4429 **EL:** 3963 GR **LOCATION DATA:** 25 MI E LAKE ARTHUR, NM **VERTICAL;**

**LOC; \$\$\$\$**

**CHESAPEAKE OPERATING INCORPORATED**  
1 RAVEN '33'  
API 30-005-21168

**33-15S-31E**  
W2 SW SE  
660 FSL 2023 FEL SEC

**UNNAMED;** 13700 DEVONIAN (FR:20010321 OKC RGN) TARGET OBJ: O&G; **OPER ADD:** PO BOX 18496, OKLAHOMA CITY, OK 73154-0496, (405)848-8000 **EL:** 4402 GR **LOCATION DATA:** LAMBERT; COORDS: X = 715798 Y = 656133; **VERTICAL;**

**CONTR:** PATTERSON DRILLING, **RIG # 48; PROPOSED SPUD:20010601 LOC; \$\$\$\$**

122151632

***New Mexico Oil Conservation Division---Engineering Bureau***  
***Administrative Application Process Documentation***

**Date Application Received:**

8-9-01

**Date of Preliminary Review:**

8-13-01

**(Note: Must be within 10-days of received date)**

**Results:**

Application Complete

✓

Application Incomplete

**Date Incomplete Letter Sent:**

8-13-01

**Deadline to Submit Requested Information:**

8-23-01

**Phone Call Date:**

**(Note: Only applies if requested data is not submitted within the 7-day deadline)**

**Phone Log Completed?**

Yes

No

**Date Application Processed:**

8-27-01

**Date Application Returned:**

**(Note: Only as a last resort & only after repeated attempts by the Division to obtain the necessary information to process the application)**

*Requested data submitted on 8-22-01.*