- Engineering Bureau -

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

Hates 35575 Nevradura V# 1 30-015-37932

ABOVE THIS LINE FOR DIVISION USE ONLY

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]

	[SWD-Salt Water Disposal] [IPI-Injection Pressure [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positiv	-
[1]	TYPE OF APPLICATION - Check Those Which Apply for [A] Location - Spacing Unit - Simultaneous Dedication	
	NSL NSP SD	Yates Petroleum Corporation Herradura Unit #1
	Check One Only for [B] or [C]	30-015-37932 STa
	[B] Commingling - Storage - Measurement	1-dc
	DHC CTB PLC PC OLS OLM	
	[C] Injection - Disposal - Pressure Increase - Enhanced Oil Rec WFX PMX SWD IPI EOR PPR	overy
	[D] Other: Specify	
[2]	NOTIFICATION REQUIRED TO: - Check Those Which Apply, or _ Do [A] Working, Royalty or Overriding Royalty Interest Owners	
	Offset Operators, Leaseholders or Surface Owner	
	[C] Application is One Which Requires Published Legal Notic	e
	Notification and/or Concurrent Approval by BLM or SLC U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office)
	For all of the above, Proof of Notification or Publication	is Attached, and/or,
	[F] Waivers are Attached	
f 2 T	CUDMIT ACCUDATE AND COMDUETE INFORMATION DECLUDED	TO DECCESS THE TYPE OF

- [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.

Print or Type Name

BRIAN WOOD (505) 466-8120 FAX 466-9682 Signature

Title

Date

CONSULTANT

3-29-11

e-mail Address

brian@permitswest.com



REQUEST FOR ADMINISTRATIVE APPROVAL NONSTANDARD LOCATION YATES PETROLEUM CORPORATION'S HERRADURA UNIT #1* 30-015-37932 330' FNL & 760' FEL SECTION 16, T. 24 S., R. 25 E., EDDY COUNTY, NM

* originally #1H

I. The well is on New Mexico State Land Office (NMSLO) oil and gas lease VB-0713-0000 and NMSLO surface. The well is 330' from the closest lease line and 3,515' from the closest unit boundary. The Herradura Unit number is 300351. The 7,681.37 acre unit was created in 2010 via Case 14473 and Rule R-13270. The unit was subsequently expanded vertically (to the Precambrian) via Rule R-13270-A.

The well was initially planned as a horizontal 10,405' deep Bone Spring oil well (see attached APD, Exhibit A). It was drilled as 11,977' deep vertical oil well. Total depth was reached on January 15, 2011. After disappointing oil results from the Bone Spring, it is now planned as a gas well.

As a gas well, the well is nonstandard for the Avalon (possible Wildcat or San Lorenzo; Bone Spring (Gas)), Wolfcamp (possible Crooked Creek; Wolfcamp (Gas) #75460), Strawn (Mosley Canyon; Strawn (Gas) #81470), and Morrow (possible Baldridge Canyon; Morrow (Gas) #71420 or Horseshoe Bend; Morrow (Gas) #78680).

Acreage dedication will be a 160 acre northeast quarter for the Avalon gas and 320 acre north half lay down for the other three gas zones.

The well bore was standard for oil, but is nonstandard for gas. Yates requests a nonstandard location due to topography. Yates wishes to be a good neighbor. Using the existing well avoids new surface disturbance.

The 320 acre state lease comprises the north half of Section 16. The well bore could be drilled at 660 FNL & 760 FEL. However, that would use more grazing land and move it towards the park (EXHIBIT B).

A standard Avalon gas location must be at least 660' from the quarter sections lines according to Rule 19.15.15.10 C. A standard Wolfcamp, Strawn, or Morrow gas location must be at least 660' from the half section lines according to Rule 19.15.15.10 B. The well is 330' from the closest relevant section lines (see two C-102 as EXHIBIT C).

II. C-102 forms showing the well and 160 acre Avalon pro ration unit (NE4 Section 16) and 320 acre Wolfcamp, Strawn, or Morrow pro ration units (N2 Section 16) are attached as EXHIBIT C.

The oil and gas lease boundary and unit boundary are shown on the attached EXHIBIT D. The well bore is 330' too far north. The encroachment is toward the interior of the same unit. There are no wells of any type in the adjacent quarter sections or half sections. One hundred per cent of the working interest is committed to the unit. One hundred per cent of the royalty interest is committed to the unit.

There are no other pro ration units or dedications touching or bordering the proposed pro ration units (see EXHIBIT E). Closest (3,515' northwest) existing or proposed pro ration unit (Strawn) is Nadel and Gussman's Jurnigan State Com 1 @ 660 FNL & 1980 FWL 8-24s-25e; API 30-015-23622.

III. Closest (9,255' northwest) existing or proposed well is Nadel and Gussman's Jurnigan State Com 1 @ 660 FNL & 1980 FWL 8-24s-25e; API 30-015-23622. EXHIBIT B shows the proposed NSL well and all other existing (2 P & A wells) or approved (none) wells within 5,280' of Yates' well.

All eight quarter sections which border or touch the proposed Avalon quarter-section pro ration unit are part of the Herradura Unit.

The only non-unit land which borders or touches the proposed Wolfcamp, Strawn, or Morrow half section pro ration unit is the southeast quarter of Section 8. The New Mexico State Land Office is the lessor and Nadel and Gussman Permian LLC is the lessee in the southeast quarter of Section 8. The southeast quarter of Section 8 is not currently part of any pro ration unit.

- IV. The well site is marked on EXHIBIT E. Pro ration unit (dashed line) for the Avalon is the 160 acres comprising the NE4 Section 16, Township 24 South, Range 25 East, Eddy County, NM. Pro ration unit (solid line) for the Wolfcamp, Strawn, and Morrow is the 320 acres comprising the N2 Section 16, Township 24 South, Range 25 East, Eddy County, NM.
- V. The nonstandard location is due to using an existing well bore to minimize surface disturbance.



VI. Archaeology is not an issue.

VII. Surface conditions are an issue. Yates wants to be a good neighbor and minimize surface disturbance.

VIII. Yates does not believe directional drilling to a standard location is cost effective.

IX. I hereby certify that Yates Petroleum Corporation and its unit interests have 100% of the Avalon working interest in the unit which comprises the proposed 160 acre spacing unit and the adjacent quarter sections on one or more of the two sides or the single closest corner to the proposed well toward which it encroaches and that the information is current and correct.

I hereby certify that Yates Petroleum Corporation and its unit interests have 100% of the Wolfcamp, Strawn, and Morrow working interest in the unit which comprises the proposed 320 acre spacing unit and the adjacent half sections on one or more of the two sides or the single closest corner to the proposed well toward which it encroaches and that the information is current and correct.

I hereby attest that I, on or before the date that the application was submitted to the division, sent notification to the affected persons (see EXHIBIT F) by certified mail, return receipt requested, advising them that if they have an objection it must be filed in writing within 20 days from the date the division receives the application. These affected persons have working or royalty interests in quarter sections which border the 160 acre spacing unit. These affected persons have working or royalty interests in half sections which border the 320 acre spacing unit. None of the affected persons have working interests within 4,532' of the well. Said notice was sent to:

NM State Land Office Nadel and Gussman Permian, LLC



Brian Wood, Consultant

3-29-11 Date

STATE OF NEW MEXICO)
) SS
COUNTY OF SANTA FE)

The foregoing instrument was acknowledged before me this 29th day of March, 201! by Brian Wood. Witness my hand and official seal.

Notary Public

My Commission Expires: _/d __d __d __d

OFFICIAL SEAL
Corring Serna Anaya
NOTARY PUBLIC
STATE OF THE SEAL
My Commission Expires

Business Address:

cc: May, OCD (Artesia & Santa Fe)



State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

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

YATES PETRO	r Name and Address LEUM CORPORATION	2, OGRID Number 23575	
1	5 \$ 4TH ST HA , NM \$8210	3. AFI Number 30-015-37932	
4. Property Code 3\$203	5. Froperty Name HERRADURA UNIT	5. Wall No. 001H	

7. Surface Location

	UL - Lot	Secrion.	Township	Flange	Lot lår:	Feet From	N/S Line	Feet Front	E/W Line	Совиц	
	A	16	248	25E	A	330	N	760	E	EDDY	

8. Pool Information

	······································	
SAN LORENZO:BONE SPRING		53600
BAN EQUENZO BONE STRING	•	22 4 77

Additional Well Information

9. West: Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 4130
14. Multiple N	15. Proposes Dept 10405	t lf. Formation 1st Bone Spring Sand	17. Contractor	18. Spec Date 6/15/2010
Depth to Ground	22(5.	Distance from cearest feath water	trell:	Distance to nearest statice water
Pin Linen Synthetic Closed Loop System	milis thi	rk Clay Pit Volume: bbls	Drilling Method: Fresh Water X Brine	Diesel/Oil-bused Cus/Air C

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	-Casing Weight/st	Setting Depth	Sacks of Cement	Estimated TOC
Suri	17.5	13,375	48	550	575	0
inti	12.25	9.625	36	2800	975	0
Prod	7.875	5,5	<u>i</u> 7	19405	2150	2300

Casing/Cement Program: Additional Comments

Proposed Blowout Prevention Program

· Type	Working Pressure	Test Pressure	Manufacturer	
Doub!eRzm	3000	300		

of my imowledge and belief. I further certify that the dr	nation given above is true and complete to the best illing pit will be constructed according to	OIL CONSERVATION DIVISION				
NMOCD guidelines a g OCD-approved plan	eneral permit , or an (attached) alternative	Approved By: Randy Dade				
Printed Name: Electron	ically filed by Monti Sanders	Title: District Supervisor				
Tisle:		Approved Date: 5/15/2010	Expiration Date: 6/18/2012			
Email Address: montis@	gyztespetroleum.com					
Date: 6/8/2010	Phone: 575-748-4244					



District

1626 N. French Dr., Hoobs, NM 88246 Phone (505) 393-5161 Fax (505) 393-6720

dintrict II

1301 W. Grand Ave., Artesia, NM 88210 Phone(505) 748-1283 Fax:(505) 748-9720

Namin III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone(505) 334-6178 Fax:(505) 334-6170

Diamitt IV

1226 S. Sr Francis Dr., Santa Fe, NM \$7505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico

Form C-192 Permit 115118

Energy, Minerals and Natural Resources

Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

		EILOE DEDECKIERO.			
I. AFI Number	2. Pool Code	3, Fool Nune			
30-015-37932	53500	SAN LORENZO;BONE SPRING			
4. Property Code	i. Property	Nama	é, Well No.		
38203	HERRADUF	HERRADURA UNIT			
7. OGRID No.	S. Operator	Name	P. Elevation		
25575	YATES PETROLEUM	YATES PETROLEUM CORPORATION			

10. Surface Location

UL - Lor	Section	Township	Range	Lot Ida	Feet From	W/S Line	Feet From	E/W Line	Causey
A	16	248	25E		330	N	760	E.	EDDY

11. Bottom Hole Location If Different From Surface

UL - Ler A	Saction 9	Township 24S	Runge 25E	Ler Id	n Fen From 660	N/s L N	ine	Faal From 660	E/W Lise E	Cessity EDDY
	12. Dedicated Acres		Joint or Infili		14. Consolidation	Code			15. 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

-		G

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hale location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order hereiofore entered by the division.

E-Signed By: Monti Sanders

Title:

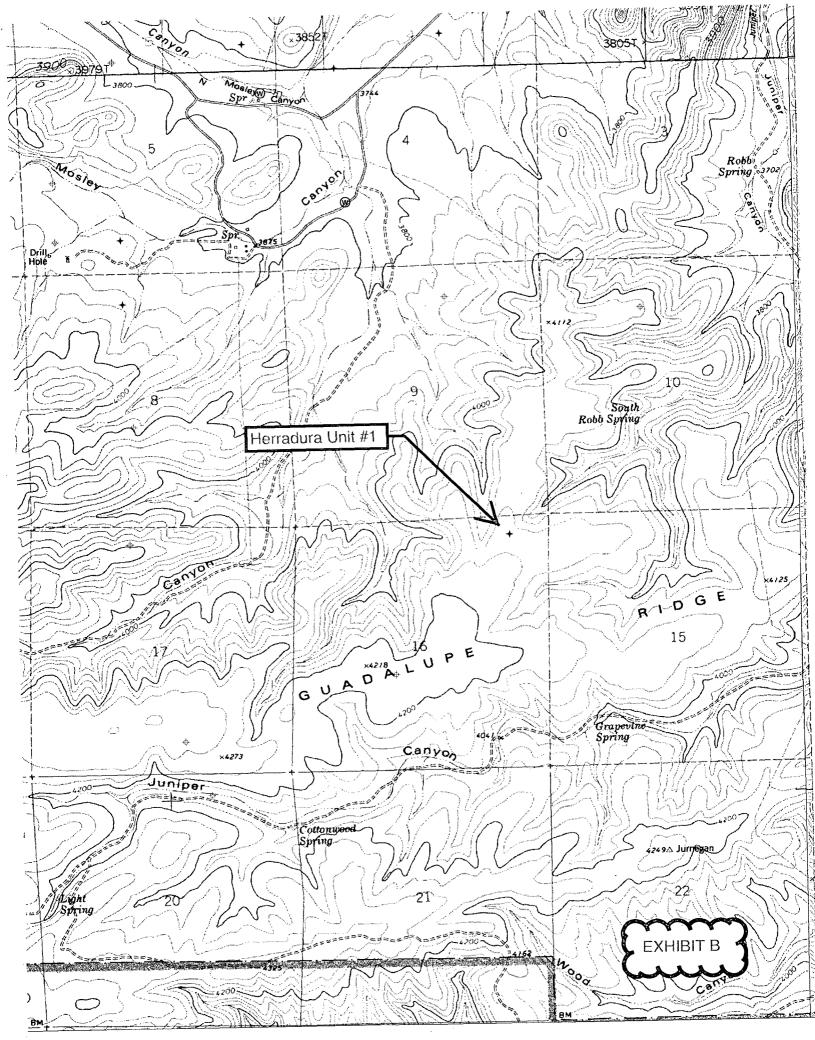
Date: 6/8/2010

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.

Surveyed By: Gary Jones
Date of Survey: 5/28/2010
Certificaté Number: 7977





District 1

1625 N. French Dn., Hobbs, KM 88240 Phone:(505) 393-6161 Fax:(505) 393-6720

District II

1304 W. Grand Ave., Americ, NM 88210 Phone(505) 748-1283 Fam(505) 748-9720

Diamic: III

1000 F.io Brazos Rd., Artet, NM \$7410 Phone(505) 334-6178 Fax(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Pe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico

Form C-162 Permit 115118

Energy, Minerals and Natural Resources

Oil Conservation Division 1220 S. St Francis Dr. Santa Fe. NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

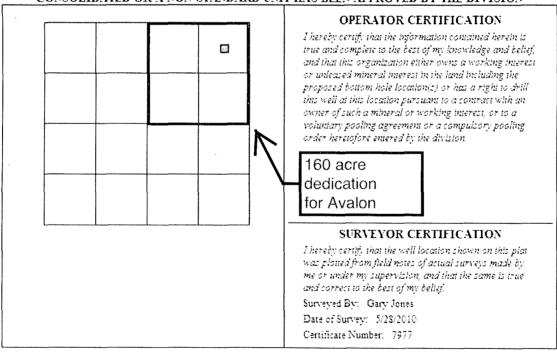
1. API Number 30-015-37932	2. Pool Code	3, Pool Name
. Property Code 38203	5. Property Name HERRADURA US	
7. OGFID No. 25575	8. Operator Name YATES PETROLEUM COR	9. Elevation PORATION 4130

10. Surface Location

UL - Lei	Šection	Tewnship	Range	Los Ida	Feet From	M/S Line	Feet From	E/W Line	Ceunty	
À	16	24\$	25E		330	N	760	E	EDDY	

i 2. Dedicared Acres	lâ, Jeint ez Infili	14, Consolidation Code	15. Order Mo.	

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1220 S. St Francis Dr., Santa Pe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico

Frem C-100 Permir 115118

Energy, Minerals and Natural Resources

Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

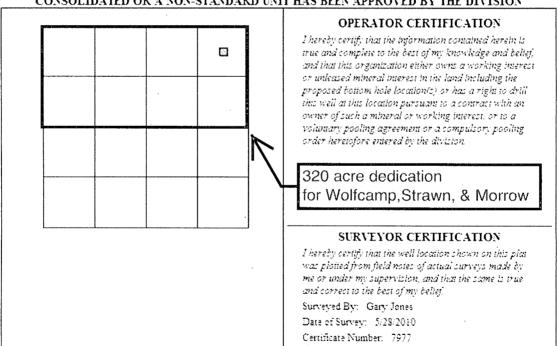
1. API Number 30-015-37932	2. Feel Cade	2, Fool Code 3,	
4. Property Code 38203			6. Well No. 001
7, OGRID No. 25575	E. Operator YATES PETROLEUM	9. Elevation 4130	

10. Surface Location

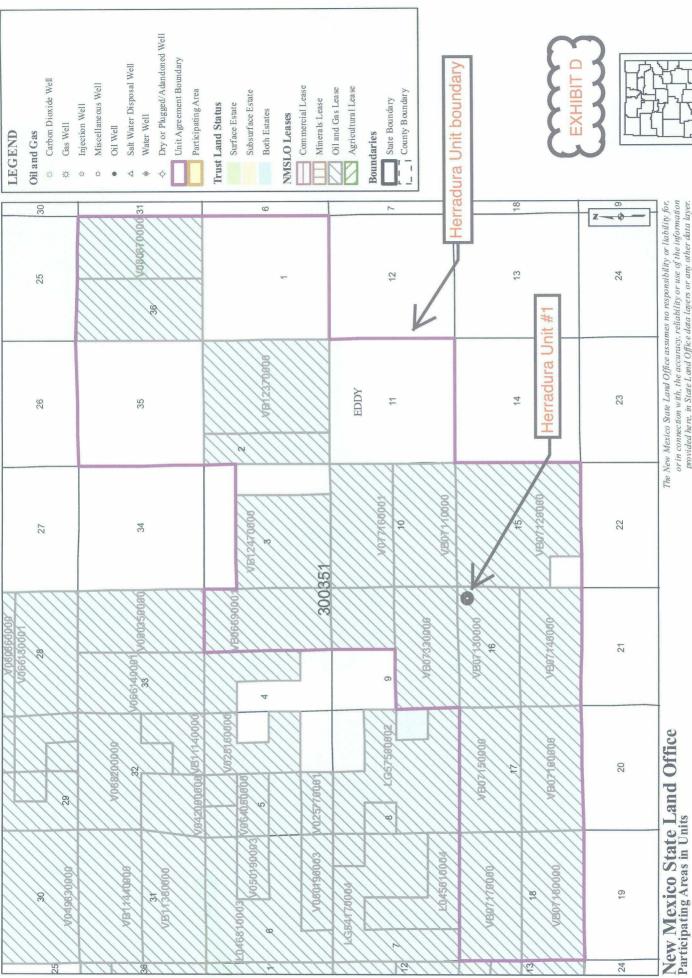
UL - Lot	Section	Township	Range	Lor lón	Faat From	N/S Line	Feet From	E/W Line	County
A	16	24\$	25E		330	N	760	E	EDDY

	·		
12. Dedicated Acres	13. Joint er Infill	14, Consolidation Code	13, 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







Created On: 3/29/2011 8:54:08 AM

Universal Transverse Mercator Projection, Zone 13 1983 North American Datum

0.4 0.6 0.8 Miles

0 0.10.2



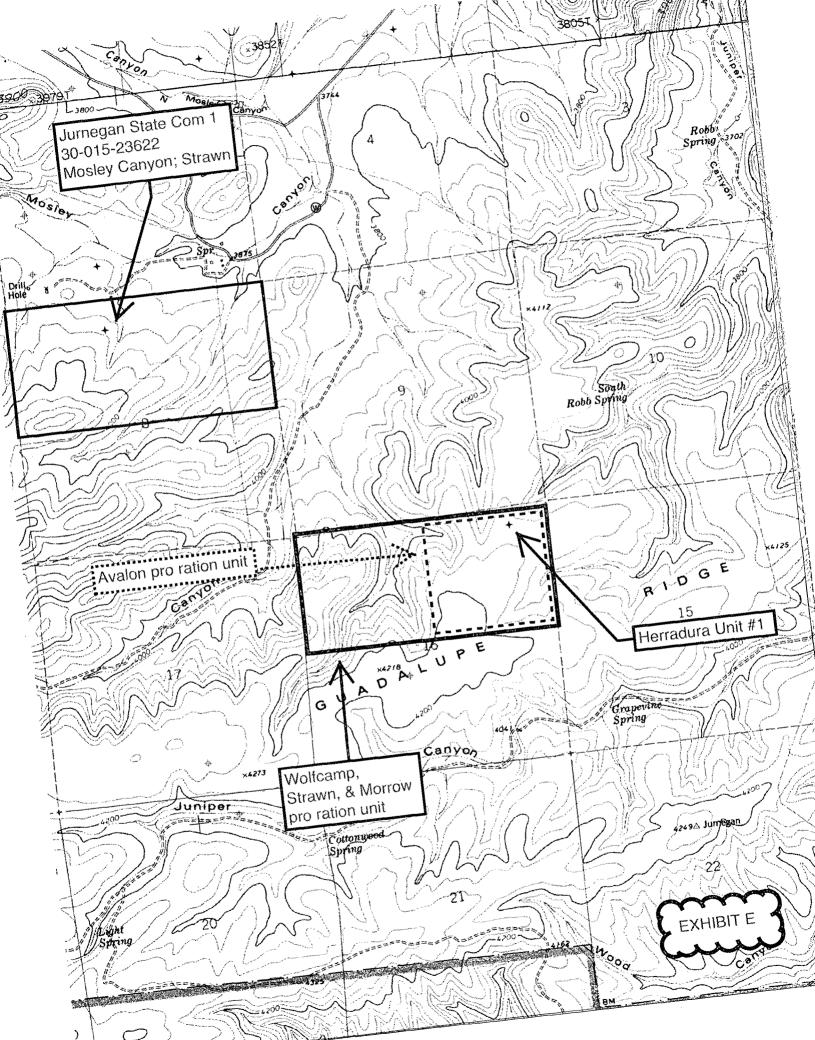
or in connection with, the accuracy, reliability or use of the information

provided here, in State Land Office data layers or any other data layer.

Land Office Geographic Information Center

logic@slo.state.nm.us

www.nmstatelands.org



March 29, 2011

Nadel and Gussman Permian, LLC 601 N. Marienfeld, Suite 508 Midland, TX 79701

As required by New Mexico Oil Conservation Division Rules, I am notifying you of the following nonstandard location (NSL) for a well. This letter is a notice only. No action is needed unless you have questions or objections.

Yates Petroleum Corporation is applying to produce its Herradura Unit #1 well as a gas well. The minimum state distance for such a gas well is 660' from a quarter section line or half section line. The well is 330' further north than is standard (see two attached C-102 forms). Thus, it is a nonstandard location. The NSL is due to land use.

Well Name: Herradura Unit #1 TD: 11,977'

Proposed NSL Zones: Avalon, Wolfcamp, Strawn, & Morrow

NSL Acreage Dedication: 160 acres (NE4 Section 16) & 320 acres (N2 Section 16)

Location: 330' FNL & 760' FEL Sec. 16, T. 24 S., R.25 E., Eddy County, NM

on State lease VB-0713-0000 (well is \geq 3,515' from unit boundary) Approximate Location: \approx 3-1/2 air miles northwest of Whites City, NM

Applicant Name: Yates Petroleum Corporation (575) 748-1471

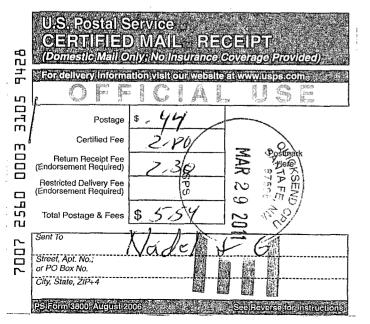
Applicant's Address: 105 South 4th St., Artesia, NM 88210

<u>Submittal Information:</u> Application for a nonstandard location will be filed with the NM Oil Conservation Division (NMOCD). If you have an objection, then it must be filed in writing within 20 days from the date the NMOCD receives the application. The New Mexico Oil Conservation Division address is 1220 South St. Francis Dr. Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

Sincerely.

Brian Wood



EXHIBITE

March 29, 2011

NM State Land Office P. O. Box 1148 Santa Fe, NM 87504

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Location: 330' FNL & 760' FEL Sec. 16, T. 24 S., R.25 E., Eddy County, NM

on State lease VB-0713-0000 (well is ≥3,515' from unit boundary)

<u>Approximate Location:</u> ≈3-1/2 air miles northwest of Whites City, NM

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Applicant's Address: 105 South 4th St., Artesia, NM 88210

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Please call me if you have any questions.

Sincerely,

Brian Wood

CANDA F