N.M. (Dil Cons.	. DIV-D	ist. If e	arthen pits are	e used iø	
	W. Gra		nu asso	ciation with t	he drilling of t	ni
Form 3160-3 (August 1999)	tesia, NN	1 8821	0 wel obt	l, an OCD pit ained prior to	permit must be pit construction	e) n .
UNITED STATES	5			Expires N	ovember 30, 2000	
DEPARTMENT OF THE I				5. Lease Serial No.		
BUREAU OF LAND MANAC	EMENT		e ⁿ	NMNM9982 6. If Indian, Allotte	o or Tribo Norma	
APPLICATION FOR PERMIT TO D	RILL OR REE	INTER JA	N 1 0 2005	,	Applicable	
1a. Type of Work: X DRILL RE	ENTER		PARIESI	7. If Unit or CA A	greement, Name and N	0.
	ENTER				29678	
		_		8. Lease Name and	Well No.	
b. Type of Well: Oil Well Gas Other Well		Single y Zone	Multiple Zone	Teckla MD Fed	ieral Com. #11	
2. Name of Operator				9. API Well No.		
Yates Petroleum Corporation				30-00	5-63731	
3A. Address 105 South Fourth Street	3b. Phone No. (in	iclude area cod	le)	10. Field and Pool,	or Exploratory	
Artesia, New Mexico 88210		05) 748-147	71	Wildcat Precar		
4. Location of Well (Report location clearly and in accordance with any	-			11. Sec., T., R., M.	, or Blk, and Survey or	Area
At surface NWNE 660' FNL an	as above		÷.,	Section 24 Th	S-R25E Mer NM	D
At proposed prod. Zone Same at 14. Distance in miles and direction from nearest town or post office*				12. County or Paris		
Approx. 28 miles NE from Roswell, NM				Chaves Count	V NM	
15. Distance from proposed* location to nearest	16. No. of Acres	in lease	17. Spacing U	nit dedicated to this we	Service and the service of the servi	
property or lease line, ft. (Also to nearest drig. unit line, if any)	24	0		320 - N/	2	
 Distance from proposed location* to nearest well, drilling, completed, 			Bond No. on file			
applied for, on this lease, ft.	540	00 NM-2811				
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will start*			23. Estimated duration		
3764 GL	ASAP			30 Days		
	24. Attachi	ments				
The following, completed in accordance with the requirements of Onshor	e Oil and Gas Orde	er No. 1, shall b	e attached to this	form:		
1. Well plat certified by a registered surveyor.	4.	Bond to cove	er the operations	s unless covered by an	existing bond on file (s	ee
2. A Drilling Plan.		Item 20 abov	/e).			
3. A Surface Use Plan (if the location is on National Forest System Land	ls, the 5.	Operator certi	ification.			
SUPO shall be filed with the appropriate Forest Service Office.	6.		•	nation and/or plans as t	may be required by the	
		authorized of	nce.			
25. Signature $\int_{\Omega} 0 \left(\left(\right) \right)$	1	Printed/Typed)			Date 11/16/04	
Title:	IKober	t Asher	<u></u>	·····	11/10/04	
Regulatory Agent / Land Department debbiec	@ypcnm.com	า				
Approved by (Signature)	Name (F	Printed/Typed)	S/LARRY	D. BRAY	JAN 06	2005
Title Assistant Field Manager, IOffice ROSWELL FIELD OFFICE APPROVED FOR 1 YEAR						
Lands And Minorals	i					
Application approval does not warrant or certify that the applicant holds	legal or equitable t	itle to those righ	nts in the subject	lease which would ent	itle the applicant to cor	duct
operations thereon. Conditions of approval, if any, are attached.						
Title 18 U.S.C. Section 1001and Title 43 U.S.C. Section 1212, make it a	crime for any pers	on knowingly a	nd willfully to m	ake to any department	or agency of the United	<u>)</u>
States any false, fictitious or fraudulent statements or representations as t						
*(Instructions on reverse) C144-Approved 10/21/04		Prev	iously App	roved		
BO						

District I			State of New Mexico Form C-10							Form C-102	
1625 N. French Dr.	., Hobbs, NN	1 88240	Er	nergy, Min	nerals & N	atural	l Resources Depa	rtment		Revised	August 15, 2000
District.III	trict II South First, Artesia, NM 88210			OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505					ubmit to A	State	ate District Office Lease - 4 Copies Lease - 3 Copies
<u>District IV</u> 1220 S. St. Francis	Dr., Santa F	-							ENDED REPORT		
1	API Number						EAGEDEDIC	³ Pool N			· · · · · · · · · · · · · · · · · · ·
		-						Wildcat Pre	cambria	n	
⁴ Property C	Code				⁵ Pr	operty l	Name	· · · · ·		6	Well Number
				T	eckla Ml	D Fed	leral Com.				11
⁷ OGRID	No.				, oi	perator I	Name				⁹ Elevation
02557	5			Yat	tes Petro	leum	Corporation				3764'
					¹⁰ Sur	face	Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from	n the	North/South line	Feet from the	East/We	est line	County
В	24	65	25E		660)	North	1980	Ea	st	Chaves
			¹¹ B	ottom H	lole Loca	tion I	f Different From	n Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from					County	
¹² Dedicated Acres 320 N/2	i ¹³ Joint o	r Infill ¹⁴ Co	nsolidation	Code ¹⁵ C	Drder No.		<u> </u>	L	.L		I

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

660' Teckla MD	NM-9982	(660'	1980		¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and being.
Federal #3			NM-5 00 01 02 02 02 02 02 02 02 02 02 02 02 02 02	<u>660'</u> /Q Federa	Robert Asher Printed Name Regulatory Agent Title 11/16/2004 Date
					¹⁸ 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. REFER TO ORIGINAL PLAT Date of Survey
					Signature and Seal of Professional Surveyor:

State of New Mexico Activity 104 BEDD Activity 10			or Tribe Name	Indian, Allott	6.		REENTER	DRILL OR	TO	
. Attent. NO. BERNO OIL CONSERVATION DIVISION And Markan, Aster, No. BEND OIL CONSERVATION DIVISION All Markan, Aster, No. BEND Samla Fe, New Mexico B7504-2088 D AMENDED REPORT WELL LOCATION AND ACREAGE DEDICATION PLAT WELL COATION AND ACREAGE DEDICATION PLAT WELL LOCATION AND ACREAGE DEDICATION PLAT WELL COATION AND ACREAGE DEDICATION PLAT Toporty Mass Your State Colspan="2">WELL COATION AND ACREAGE DEDICATION PLAT ON ALDIAL TEM ASSIGNMENT TO THIS COATION Santa Ference OULD IN THIS DEEN APPROVED BY THE DIVISION OPERATOR COMPLETION UNTIL ALL INTERESTS HATE BEEN CONSOLIDATED OPERATOR CERTIFICATION AMM-99992 27565 3761 AMM-99992 27565 3761 STATE STREE NOT TOTAL THE ASSIGNMENT TO THIS COMPLETION UNTIL ALL INTERESTS HATE BEEN CONSOLIDATED	Revised March 17, 1990 Instruction on back	Submit t	xico	New M	State		~	240	, će, 101 681	
American Ref 910 OIL CONSERVATION DIVISION P.O. Box 2008 Santa Fe, New Moxico 87504-2083 D AMENDED REPORT WELL LOCATION AND ACREAGE DEDICATION PLAT WELL LOCATION AND ACREAGE DEDICATION PLAT Property Game Batter Mass Suprise Property Game Bendtom Temanhy Batter Mass Destion Hole Location If Different From Surface Bettom Hole Location If Different From Surface Prof. Surface Inc. Consolution Colspan="2">Consolution Employee Internation Colspan="2">Prof. Surface ADV ANON-STANDARD UNTIL ALL INTERESTS HAVE BEEN CONSOLUDATED OPERATOR CERTIFICATION ADV ANON-STANDARD UNTIL ALL INTERESTS HAVE BEEN CONSOLUDATED OPERATOR CERTIFICATION ADV ANON-STANDARD UNTIL ALL INTERESTS HAVE	State Lease - 4 Copies	State Lease - 4						68210	rtesia, NM 6	
Addit for base 76. Hit 9750 Santa Fe, New Mexico 87504-2088 D AMENDED REPORT WELL LOCATION AND ACREAGE DEDICATION PLAT Fred Code Property Code	ree Lease - 3 Copies	ION	DIVIS			CON	OIL	ME 87410	I., Aztec, NI	
WELL LOCATION AND ACREAGE DEDICATION PLAT Yeal Gate Yeal Gate Yeal Gate Yeal Gate Yeal Gate Yeal Gate Tread Gate Yeal Gate Yeal Gate Tread Gate Yeal Gate UP of the No. Section Yeal Gate Yeal Gate Yeal Gate Dot Location If Different From Surface Destart Tread Yeal Gate Yeal Gate Dot Location If Different From Surface			504 .3099			Samta V		NM 87505	n Sente Be	
All Number Pool Code Ped Mame Property Code It Count / W' FEDERAL COM 11 OCEID Re. It Count / W' FEDERAL COM 11 OCEID Re. It Count / W' FEDERAL COM 11 OCEID Re. YATES PETROLEUM CORPORATION 3764 Surface Location Surface Location Banatee Ut or lot No. So 25E Lot Mane Peet Name Bottom Hole Location If Different Prom Surface Exat/Sect line Cecaty Defined Arms Section Tormaking Bange Lot Mn Feet Prom Surface Rest/Sect line Cecaty Defined Arms Section Tormaking Bange Lot Mn Feet Prom Surface Rest/Sect line Cecaty Defined Arms Section Tormaking Bange Lot Mn Feet Prom Surface Rest/Sect line Cecaty NO ALLORABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNTIL AS BEEN APPROVED BY THE DIVISION Peet Perce If CCC N/M-99992 3785 \$3761 It Div Section Tormaking a bange If CCC N/M-99992 3785 \$3761 It Div Section Tormaking a bange If CCC N/M-99992 3785 \$3761 It Div Section Tormaking a bange If CCC If CCC It Div Section Tormaking a bange It Div If CCC It Div Section T	LI AMENDED REPORT		004-2000	iexico d	e, new	Santa r			io, annu io	
Wildcat Precambrian Property Rane Weld Precambrian OCEND PA TECKLA NUMP' FEDERAL COM. 11 OCEND PA Values Precambrian Remains VALES PERTORIZION 3764 Surface Location Bases Lat 166 Free from the Feet Precambrian Bases Centry Feet Precambrian Bottom Hole Location Bottom Hole Location Free from the Feet Precambrian Bases/Test Have County Environment Precambrian Bottom Hole Location Bottom Hole Location ID Different From Surface Peet From the Real/Feet Have County Environment Precambrian Real/Feet Have County Environment Precambrian 320 NO ALLORABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEEN CONSOLIDATED OR A NON-STANDARD UNTIL ASS BEEN APPROVED BY THE DIVISION 330 N/M-99992 3765 \$761 M/M-5/1827 Auge Precision is the stand menter of a stand or is and a stand or is an event of a stand or is a stand or is an event of a stand or is a stand or is an event of a stand or is an event of a stand or is an event of a stand or is a stand or is an event of a stand or is a stand or is an event of a stand o		ON PLAT	DEDICATI	CREAGE	AND	CATION	WELL LO	,		
Property Ecole Property Mane Well Humber 0GHD He ICCULA MO ² FEDRAL COM J3764 0GHD He YATES PETROLELW CORPORATION J3764 Surface Localion Ut or led He. Bettim 24 D 252 Bottom Hole Location If Different From Surface Definition Completion Bottom Hole Location If Different From Surface Definition Code Definition Comode Definition Com		Pool Name				Pool Code			Number	API
TECKLA "MO" FEDERAL COM 11 Operation Manae Benetise Surface Location Surface Location Built for the first from the first Month fire Peet first Hare County first Hare County first Hare County first Hare Description of the first Month fire Peet first Hare County first Hare Description of the first Month fire Peet First Hare BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OPERATOR CERTIFICATION INTERSTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OPERATOR CERTIFICATION INTERSTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OPERATOR CERTIFICATION INTERSTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OPERATOR CERTIFICATION INTERST HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OPERATOR CERTIFICATION INTERST HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OPERATOR CERTIFICATION INTERST HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OPERATOR CERTIFICATION INTERST HAVE BEEN CONSOLIDATED OR		at Precambria	Wildc	- Maria		<u> </u>		T		
YATES PETROLEUM CORPORATION 3764 Surface Location Bettom Tormaking Bange Let Ma Feet from the Red/Reat Mac Coanty 660 Bottom Role Location If Different Prom Surface Ut or lot No. Bottom Role Location If Different Prom Surface Ut or lot No. Bettom Role Location If Different Prom Surface Ut or lot III Coanable Location If Different Prom Surface 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 OPERATOR CERTIFICATION INTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION IN MM-99992 3765 3761 Colspan="2">Print of the Supermation of the Supe			M.	-	-	TEC			-oge	ropeny
Surface Location Ut or lot No. Bection Constitution Bottom Hole Location If Different From Surface Bt or lot No. Section Tormakip Bauge Lot Ma Feet from Us Peet from Surface Bt or lot No. Section Tormakip Bauge Lot Ma Feet from Us Peet from Surface Bt or lot No. Section Tormakip Bauge Lot Ma Feet from Us Peet from Surface Bottom Hole Location If Different From Surface Tormakip Bauge Lot Ma Feet from Us Peet from Us Rest/West Has County Bottom Addata Consultation Code Order No. Section Tormakip Bauge Lot Ma Peet from Us Rest/West Has County 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 OPERATOR CERTIFICATION 1 State Track (a 'Mto'') State MM-5/82/7 MM-5/82/7 MM-5/82/7 MM-5/82/7 MM-5/82/7 MM-5/82/7 MM-5/82/7 MM-5/82/7 MM-5/82/7 MM-5/82/7 </td <th></th> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td><u> </u></td> <td>•</td> <td>OGRID N</td>					-			<u> </u>	•	OGRID N
UL or lot No. Section Tormaking Hange Lot Idn Peet from the 660 Revis/South Hanc Peet from the 1980 Exist Construct CHAVE Bottom Hole Location If Different From Surface UL or let No. Section Termaking Hange Lot Idn Peet from the 7000 Peet from Surface UL or let No. Bottom Hole Location If Different From Surface UL or let No. Section Termaking Hange Lot Idn Peet from the 7000 East/Veet Hanc Constig Deditation Code Order Mo. 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 OPERATOR CERTIFICATION / Arrive certify for the spherestic complete to the form the revealed of the spherestic complete to the form the revealed of the spherestic complete to the form the revealed of the spherestic complete to the form the revealed of the spherestic complete to the form the revealed of the spherestic complete to the form the revealed of the spherestic complete to the form the revealed of the spherestic complete to the form the revealed of the spherestic complete to the form the revealed of the spherestic complete to the form the revealed of the spherestic complete to the form the revealed of the spheresticon of the sphere to the sphere to the sphere t	3764		ATION			YATES	<u>.</u>	1		
B 24 65 25E 660 NORTH 1980 EAST CHAVE Bottom Hole Location If Different Prom Surface UL or 161 No. Section Termahly Range Let Jan Peet from the Rest/Rest line Constitution Constitut							 	<u> </u>		
Bottom Hole Location If Different From Surface Be or lot No. Section Ternahip Range Lot Ma Peet from the Rorth/South Has Peet from the East/Read Hane County Bedieaded Arrea Joint Counsidation 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						Lot idn	-			
Bit or lot No. Section Termship Range Lot Idn Pect from the Read/Read line Counsidering 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 OPERATOR CERTIFICATION / Amount of the state statements 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 OPERATOR CERTIFICATION 320 NMM-99992 3785 3787 3785 NMM-5/18279 3787 3785 N.35*47'09.1" NM-5/18279 Fed. #*3 N.104*21'05.5" State 22/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2					l			1	<u> </u>	B
Indicated Arren Joint or Infill Connelidation Code Order Me. 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 OPERATOR CERTIFICATION Image: Construction of the set of the se	Rast /Vest line Causty							Township	Section	III. or lot 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 MM-99992 3785 8 3781 4400 Teckla "MD" Fed. #3 NM-99992 3785 8 3781 1990 Teckla "MD" Fed. #3 NM-99992 3785 8 3781 0 0 0 0 0 0 0 0 0 0 0 0 0									0001011	
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 MM-9982 3785 3781 WM-9982 3785 3781 WM-5/829 WM-5/8		LI		L	der No.	Code Or	nolidation	r Infill Co	Joint o	Dedicated Acre
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION WM-9992 3765 3761 George and balls for the hybrid action of the hybrid here is and complete to the latter and the hybrid here is a ball of the hybrid here is a state of thybrid here is a state of the hybrid here is a								}		320
3 NM-9992 3765 § 3761 1980' 600' 760' 1980' 1980' 760' 765' NM-5/829 N.35'47'08.1° NM-5/829 N.35'47'08.1° N/M-5/829 N.35'47'08.1° N/M-5/829 N.35'47'08.1° N/M-5/829 N.35'47'08.1° N/M-5/829 N.35'47'08.1° N/M-5/829 Signature Pat Perez Printed Name Regulatory Agent 700 Getty 'VR' 0 Getty 'VR' 12/4/2002 Bate Surveye mat by m or under my monitor my monitor mat by m or under my monitor my m	N CONSOLIDATED								WABLE W	NO ALLO
3 NM-9992 3765 8 3761 620'		THE DIVISION	OVED BY 1	EEN AP	IT HAS	DARD UN	NON-STAN	OR A I		ſ <u></u>
Image: Constraint of the set of the se	CERTIFICATION	OPERATO:	\wedge							个
Image: Constraint of the set of the se				1	583761	2 376	- 999	AIM		
600 Teckla "MD" Fed. #3 3767 3765 N.33*47'00.1" Jal Acc. W.104*21'05.5" Signature Pat Perez Printed Name Regulatory Agent Tile 12/4/2002 Date Bute Surveyor CERTIFICATION / Abel Surveyod Surveyod	•		1	1980	+ 1	ΓΓ		1411		· •
F.d. #3 N.33°47'09.1" W.104*21'05.5* Signature Gebo Gebo Getty 'Van Regulatory Agent Title 12/4/2002 Date SURVEYOR CERTIFICATION / Arroby cortfy ibst the well isocation shown on this plat was by mo or under say or your songer made by mo or under say or your songer made by mo or under say or your songer made by mo or under say or you made and the songer songer songer on the fact made of the songer songe	Λ	\land	51829	TNM		070			"MD"	660' Ter Klu
State Pat Perez Printed Name Getty 'V@' Getty 'V@' Bate SURVEYOR CERTIFICATION I harabe continue I harabe continue <th>les</th> <td>Lat.</td> <td></td> <td></td> <td>7'09.1"</td> <td>N.33*4</td> <td></td> <td></td> <td></td> <td></td>	les	Lat.			7'09.1"	N.33*4				
Printed Name Getty 'V@" Fed. Con. #1 SURVEYOR CERTIFICATION 1 hereby certify that the well location shown on this plots was plotted from field notes of gettimes or under my supervisor, and that the same is true and correct to the best of my belief. 10/10/2002 Date Surveyed Signature & Seal of Professional-Guarger CHELL SURVEY No. Hersehold Luthoes Rts 3600		Signature			21'05.5	W.104*				
Getty 'VG" Getty 'VG" Fed. Constil 12/4/2002 Date 12/4/2002 Date 12/4/2002 Date 12/4/2002 Date 1000000000000000000000000000000000000			5							
Cetty 'V@' Tille Fed. Corn #1 12/4/2002 Date Date SURVEYOR CERTIFICATION 1 bereby certify that the well location shown on thirds plat was platted from field notes of actual servers made by me or under my supervison, and that the same is true and correct to the best of my bella! 10/10/2002 Date Surveyed Signature & Seal of Professional Generatory Fridesulty No. Herbertol Linkows Fills 3600	v Agent									
SURVEYOR CERTIFICATION	<u> </u>	Title	0							
SURVEYOR CERTIFICATION			tty "VQ" . com #1	G						
I hereby certify that the well location shown on this plat was platted from field notes of actual surveys much by me or under my supervision, and that the same is true and correct to the best of my belief. <u>10/10/2002</u> Date Surveyed Signature & Seal of Professional-Surveyor FSCHELL Will MEN Will MEN Some of the best of the best of Professional-Surveyor Restricted to the best of the best	CEDTIFICATION	SUPVEYO								
on this plat was plated from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my bellef. <u>10/10/2002</u> Date Surveyed Signature & Seal of Professional Summeror CHELL SCHELL SchELL SchELL SchELL SchELL Structure of Solution Signature of Seal of Professional Surveyor SchELLL SchELLL SchELL SchELL SchELL SchELL SchELL SchELL S		╺┩╽				 				
supervison, and that the same is true and correct to the best of my bellet. <u>10/10/2002</u> Date Surveyed Signature & Seal of Professional-Summyor Professional-Summyor Professional-Summyor RSCHELL Supervisional-Summyor RSCHELL Supervisional-Summyor RSCHELL Supervisional-Summyor Supervisional-Summyor Supervisional-Summyor Supervisional-Summyor Supervisional-Summyor Supervisional-Summyor Supervisional-Summyor Supervisional-Summyor Supervisional-Summyor Supervisional-Summyor Supervisional-Supervisional-Summyor Supervisional-S				[
correct to the bast of my bellef. <u>10/10/2002</u> Date Surveyed Signature & Seal of Professional Conneyor Professional Conneyor Professional Conneyor Professional Conneyor CHELL CONTRACTOR OF CONNEYOR CONTRACTOR OF										
Date Surveyed Signature & Seal of Professional Generator IN MEA IN						1				
Date Surveyed Signature & Seal of Professional Generator IN MEA IN	/10/2002	1 1				ļ				
Professional Generator Professional Generator Profes	· · · · · · · · · · · · · · · · · · ·	Date Surveyed				ł				
Contraction No. Horsetail Linkows RLS 3640										
Contractor No. Horsetell Luidons RLS 3640	E. On	LERSCHE		1						
Contraction No. Horselfel Luidnes RLS 3640	TO A TO A	1 219-				Į				
September 1 Luines RLS 3640	WXA	1 Stoke								
Souther Supervise and State	to setter Linkines RLS 3640	Certificate No.							1	
	WEYING COMPANY	CENERAL				1				L

7

iec >r,

1

a j j

YATES PETROLEUM CORPORATION Teckla "MD" Federal Com. #11 660' FNL and 1980' FEL Section 24-T6S-R25E Chaves County, New Mexico

1. The estimated tops of geologic markers are as follows:

San Andres	550'	Spear Zone	4700'
Glorieta	1540'	Cisco	4955'
Yeso	1615'	George Zone	5090'
Tubb	3050'	Strawn	5140'
Abo	3690'	Basement	5250'
Wolfcamp	4450'	TD	5400'

2. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

. 1 cm

Water: 250'-350' Oil or Gas: All potential formations.

3. Pressure Control Equipment: BOPE will be installed on the 11 ³/₄" casing and rated for 2000# BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings, which are set and cemented in place. Blowout Preventor controls will be installed prior to drilling the surface plug and will remain in use until the well is completed or abandoned. Preventors will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. See Exhibit B.

Auxiliary Equipment:

ا يعمد المر والمان ا

- A. Auxiliary Equipment: Kelly cock, pit level indicators, flow sensor equipment and a sub with full opening valve to fit the drill pipe and collars will be available on the rig floor in the open position at all times for use when kelly is not in use.
- 4. THE PROPOSED CASING AND CEMENTING PROGRAM:
 - A. Casing Program: (All New)

<u>Hole Size</u>	Casing Size	<u>Wt./Ft</u>	<u>Grade</u>	<u>Coupling</u>	<u>Interval</u>	<u>Length</u>
14 ¾"	11 ¾"	42#	H-40	ST&C	0-900'	900'
11"	8 5/8"	24#	J-55	ST&C	0-1600'	1600'
7 7/8"	5 1/2"	15.5#	J-55	ST&C	0-5400'	5400'

- 1. Minimum Casing Design Factors: Collapse 1.125, Burst 1.0, and Tensile Strength 1.8
- 2. A 2,000 psi BOP will be nippled up on the 11 ³/₄" casing and tested to 1000 psi. YPC requests a variance to be granted in requiring the casing and BOPE to be tested to 2000 psi to testing the casing and BOPE to 1000 psi. The rig pumps will be used to test the casing and BOPE. Rig pumps used in this area cannot safely test above 1000 psi. We would have to go to the greater expense of hiring an independent service company to do the testing. Also, the bottom hole pressure in this field is proven to be near 2200 psi. A shut in surface pressure would be less than 1000 psi. We feel that a 1100 psi test will demonstrate that the BOPE is functioning properly, and in the unlikely event of a gas influx that the BOPE would be sufficient to control the well.

0 Lù -

Teckla "MD" Federal Com. #11 Page 2

 B. CEMENTING PROGRAM: Surface Casing:
 Intermediate:
 Cement with 350 sx Lite "C" (YLD 2.0 WT 12.5). Tail in with 200 sx "C" + 2% CaCl2 (YLD 1.33 WT 15.6).
 Intermediate:
 250 sx Class "C" + 2% CaClw (YLD 1.32 WT 14.8)

Production Casing: 500 sx PVL (YLD 1.34 WT 13). TOC 3100'.

5. MUD PROGRAM AND AUXILIARY EQUIPMENT:

Interval	Type	<u>Weight</u>	<u>Viscosity</u>	Fluid Loss
0-900'	FW GEL/Paper/LCM	8.6-9.6	32-36	N/C
900'-3660'	Cut Brine/Brine	9.6-10.2	28	N/C
3660'-5400'	Starch/Salt Gel	9.6-10.2	32-40	<6CC

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blow out will be available at the well site during drilling operations. Mud will be checked hourly by rig personnel.

6. EVALUATION PROGRAM:

Samples: 10' samples out from under surface casing.
 Logging: Platform Express, CNL/LDT W/NGT to TD to surface casing, w/ GR/CNL TD to surface, DLL/MSFL TD to surface casing, BHC Sonic TD to surface casing; FMI TD - top of Wolfcamp.
 Coring: Sidewall
 DST's: None

7. ABNORMAL CONDITIONS, BOTTOM HOLE PRESSURE, AND POTENTIAL HAZARDS:

Anticipate	ed BHP:					
From:	0	TO:	900'	Anticipated Max. BHP:	375	PSI
From:	900'	TO:	5400'	Anticipated Max. BHP:	2000	PSI

Abnormal Pressures Anticipated: None

Lost Circulation Zones Anticipated: None.

H2S Zones Anticipated: None Anticipated

Maximum Bottom Hole Temperature: 145 F

8. ANTICIPATED STARTING DATE:

Plans are to drill this well as soon as possible after receiving approval. It should take approximately 15 days to drill the well with completion taking another 15 days.

يني.

Yates Petroleum Corporation

Typical 2,000 psi Pressure System Schematic Double Ram Preventer Stack



Yates Petroleum Corporation Teckla "MD" Federal Com. #11 660' FNL and 1980' FEL Section 24-T6S-R25E Chaves County, New Mexico Exhibit "B"

Typical 2,000 psi choke manifold assembly with at least these minimun features





Yates Petroleum Corporation Location Layout for Permian Basin Up to 12,000'

....

Yates Petroleum Corporation Teckla "MD" Federal Com. #11 660' FNL and 1980' FEL Section 24-T6S-R25E Chaves County, New Mexico Exhibit "C"



PB-L1

SECTION 24, TOWNSHIP 6 SC H, RANGE 25 E	-	
THE PREPARATION OF THIS PLAT AND THE PERFORMANCE OF THE SURVEY UPON WHICH IT IS BASED WERE DONE UNDER MY DIRECTION AND THE PLAT ACCURATELY DEPICTS THE RESMETS OF SAID SURVEYS AND MEET THE REQUIREMENTS OF THE STANDARDS FOR LAND SURVEYS IN NEW MEXICO AS ADOPTED BY THE NEW MEXICO STATE-BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND/SURVEYORS	1000' 0 Scale YATES PETRO LEASE ROAD TO ACCESS THE COM. #11 WELL, LOCATED IN	YATES TECKLA "MD" FEDERAL
GENERAL SURVEYING COMPANY P.O. BOX 1928 LOVINGTON, MEN MEXICO 88260	SOUTH, RANGE 25 EAST, NMPI MEXICO. Survey Date: 10/10/2002 Drawn By: Ed Blevins Date: 10/11/02	A, CHAVES COUNTY, NEW Street 1 of 1 Streets W.O. Number Scale 1" = 1000' TECKLA 11

SECTION 24, TOWNSHIP 6 S(H, RANGE 25 EAST, NMPM, CHA ; COUNTY, NEW MEXICO