<u>District I</u> 1625 N French Dr , Höbbs, NM 88240 Phone (575) 393-6161 Fax (575) 393-0720 District II

811 S First St , Artesia, NM 88210 Phone (575) 748-1283 Fax (575) 748-9720 District III 1000 Rio Brazos Road, Aztec, NM 87410 Phone (505) 334-6178 Fax (505) 334-6170

District IV 1220 S St Francis Dr , Santa Fe, NM 87505 Phone (505) 476-3460 Fax (505) 476-3462

Title Land Regulatory Technician

Date: 6/14/2012

E-mail Address lorif@yatespetroleum.com

Phone 575-748-4448

State of New Mexico

Form C-101 Revised December 16, 2011

Energy Minerals and Natural Resources

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

RECEIVED JUN 14 2012

Permit

NMOCD ARTESIA

Expiration Date

									TATILO		
API	PLICA'	TION H	OR PERMI Operator Name a		RILL, RE	-ENTER	, DEEPI	E <mark>N, PLUGB</mark> 	ACK, OR	ADD A ZONE	
			Yates Petroleum (105 S Fourth	Corporation					025575	;	
			Artesia, NM					30-0	API Numbe	23553	
⁴ Proper	ty Code 36524				Property N Pulsifer A	lame VR			0.7	Vell No 1	
					⁷ Surface	e Locatio	n				
UL - Lot	Section	Township	Range	Lot Idn	Feet fro	om N	/S Line	Feet From	E/W Line	County	
K	15	198	26E		8 De al I	oformatio	S	1980	W	Eddy (2/2)	
Wıldcat Mıssıssı	onian Gas				P001 In	normano	n			<u> 7/338 </u>	
Wilder Wilder	урган Сиз			Ad	ditional W	ell Infor			·		
⁹ Work Re-e			¹⁰ Well Type Gas		11 Cable/Ro Pulling U		ı	Lease Type	13 Gr	ound Level Elevation 3335'	
¹⁴ Mu	ltıple		15 Proposed Depth		16 Format	ion		⁷ Contractor		18 Spud Date	
Depth to Grou			9830' Dista	nce from nea	Wildcat Missi rest fresh water			Distance	to nearest surfac	ASAP e water	
			19	Propos	ed Casing	and Cem	ent Pros	gram			
Туре	Hol	e Sıze	Casing Size			Setting Depth		Sacks of 6	Cement	Estimated TOC	
Surf	1	7.5"	13,375"		55 5#		355'		0	In Place	
Int1	12	25"	8 625"		24#	1630'		620)	In Place	
Prod	7.8	875"	5 50"	15	i ½-17#	98	334'	750	0	TOC-2400'	
			Casir	ıg/Cem	ent Progra	m: Addit	ional Co	mments		<u></u>	
SEE ATTA H2S is not C-144 Atta C-102 Atta Previously	anticipate ached ached	d								-	
				Propose	d Blowout	Preventi	on Prog	ram		. <u> </u>	
	Туре			Vorking Pre			Test Pres		N	lanufacturer	
	Double Ra	m		3000			3000				
of my knowled I further cert	dge and be ify that the lelines	lief ie drilling p , a general	given above is true oit will be construe permit , or an	ted accord	ing to	Approved By		ONSERVAT	TION DIVI	SION	
Printed name	Lori Flore	es			4	Tıtle [.]	60LD	CIST	4		
	_						77	7			

Conditions of Approval Attached

YATES PETROLEUM CORPORATION

Pulsifer AVR #1 (Re-entry)
Drilling Prognosis

This well was originally drilled by American Public Energy Company as the Spencer Trust #1. It was spud on July 7, 1981 and was plugged and abandoned September 9, 1981.

Yates' plan is to re-enter the well with a pulling unit and reverse unit to drill out cement plugs in the 8 5/8" casing and the 7 7/8" open hole to 9,834'. The well will be conditioned and a string of 5 1/2" casing will be run to the original TD of 9,834' and cemented with a 13 ppg cement slurry up to +/-2,400'. (13 ppg, 1.61 yield approximately 1,100 sacks of cement). This well will be completed with a pulling unit. Possible formations to be completed include the Morrow, Atoka, Strawn, Canyon, Upper Penn and the Wildcat.

MUD PROGRAM: 0-9,834' Cut Brine Weight: 9.2-10.2 (increase weight as needed) Vis:35,<10-15 cc water loss.

CASING PROGRAM: 5 1/2" casing will be run to the original TD of 9,834'.

<u>CEMENT PROGRAM</u>: 600 sacks of 13lb Super H or Super C slurry, circulate up to 2,400' use filler slurry weight 12.4 to 12.6 per gallon.

BOPE PROGRAM: 3000# BOPE will be nippled up on 13 3/8" casing.

H2S is not anticipated.

District 1
1625 N. French Dr., Hobbs, NM 88240
District 11
1301 W. Grand Avenue, Artesia, NM 88210
District 111
1000 Rio Brazos Rd., Aztec, NM 87410
District 1V
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy, Minerals & Natural Resources Departmen OIL CONSERVATION DIVISION

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

Form C-102
Revised October 15,2009
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District Office

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WELL LOCATION AND ACREAGE DEDICATION PLAT

30-01	5-2		76	960	Ode	FOUT 1	nde M	BRROW ;	6A5	
				7		erty Name			4 Well Number	
3657	4				PULSI	IFER AVR			1	
	UD No.				8 Oper	ator Name			⁹ Elevation	
02:	5575				YATES PETROLE	EUM CORPORATION	N		3335'	
					¹⁰ Surfa	ce Location				_
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
К	15	198	26E		1980	South	1980	West	Eddy	
L			11	Bottom 1	Hole Locatio	n If Different	From Surface	- 		
UL or lot no.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County	
12 Dedicated Acre	es 13 Joint	or Infill 114 C	Consolidation	Code 15 C	Order No.	1				
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.

16////////////////////////////////////	17 OPERATOR CERTIFICATION I hereby cerufy that the information continued herein is true and complete to the of my knowledge and belief, and that this organization either owns a working nut or unleased mineral interest in the land including the proposed bottom hole local has a right to thill this well at this location pursuant to a contract with an owner such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order to enforce entered by the division
	Signature Date Cy Cowan - Land Regulatory Agent Printed Name
1980'	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat we plotted from field notes of actual surveys made by me or un 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 Scal of Professional Surveyor Certificate Number

JUN 1 4 2012

NMOCD ARTESIA

1

District 1
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy, Minerals & Natural Resources Departmen OIL CONSERVATION DIVISION 1220 South St. Francis Dr.

1

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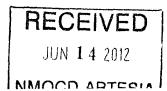
☐ AMENDED REPORT

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			WELL	LOCAT	ION AND A	CREAGE DE	DICATION	PLAT				
30-0	'API Nu			776 Pool	42	Crar	ie; At	TOKA (SAS)	- N		
3657	rty Code		PULSIFER AVR 1									
1	RID No. 5575		* Operator Name									
					¹⁰ Surfa	ce Location				_		
UL or lot no.	Section 15	Township 19S	Range 26E	Lot Idn	Feet from the 1980	North/South line South	Feet from the 1980	East/West line West	County Eddy			
	<u> </u>		11	Bottom 1	Hole Locatio	n 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 Acre 320	es 13 Joint	or Infill	l Consolidation	Code 15 O	rder No.	<u> </u>						

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	Date of Survey Signature and Seal of Professional Surveyor Certificate Number



District 1

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Río Brazos Rd, Aztec, NM 87410

District IV

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

State of New Mexico Energy, Minerals & Natural Resources Departmen OIL CONSERVATION DIVISION 1220 South St. Francis Dr.

Santa Fe, NM 87505

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			WELL	LOCAT	ION AND A	ACREAGE DE	DICATION	PLAT				
30-0	'API Nui	mber 3593	19	1794	Code	UC -015	5 519	26 15	IC! STEAU	NGA.		
3657	rty Code		97948 WC O15 S192615K; STRAW PULSIFER AVR									
	RID No. 5575				⁹ Elevation 3335'							
L. ,		1			10 Surf	ace Location						
UL or lot no. K	Section 15	Township 198	Range 26E	Lot Idn	Feet from the 1980	North/South line South	Feet from the 1980	East/West li West	County Eddy			
L,			11	Bottom	Hole Location	on If Different	From Surface					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West li	ine County			
12 Dedicated Acr 320	es , ¹³ Joint o	or Infill 14 C	Consolidation	Code 15 (Order No.							

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	or unleased mineral interest in the limit including the proposed hottom hole loc
	has a right to shall this well at this location pursuant to a contract with an owner
	such a mineral or working interest, or to a voluntary pooling agreement or a
V////// 500///	compulsory pooling order in close of by the division
////// Fee///	Signature Date
	Cy Cowan - Land Regulatory Agent Printed Name
1980'	I SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat we plotted from field notes of actual surveys made by me or up
	my supervision, and that the same is true and correct to the
	REFER TO ORIGINAL PLAT
	Date of Survey Signature and Seal of Professional Surveyor
	Certificate Number

JUN 1 4 2012

.,,

District 1

1625 N. French Dr., Hobbs, NM 88240

District II

4301 W. Grand Avenue, Artesia, NM 88210

District III

4000 Río Brazos Rd., Aztec, NM 87410

District IV

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

State of New Mexico
Energy, Minerals & Natural Resources Departmen
OIL: CONSERVATION DIVISION
1220 South St. Francis Dr.

1

Santa Fe, NM 87505

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District Office

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1

			WELL	LOCAT	ON AND A	CREAGE DE	DICATION I	PLAT		
30-01	'API Nur	nber 3593		7780	Code	Will	DCAT	nol Name A	Canyon	E
3657	rty Code '	·	1	, ,		rty Name FER AVR	, Day		Well Number	
OGRID No. Operator Name VATES PETROLEUM CORPORATION									Elevation 3335'	
					10 Surfa	ce Location				•
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
К	15	195	26E		1980	South	1980	West	Eddy	
	.l	<u> </u>	11	Bottom I	Tole Location	n If Different 1	From Surface	;		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
12 Dedicated Acre 320	es lia Joint o	or Infill 14 C	I Consolidation	Code 15 O	rder No.		7			

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Fee /	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the of my knowledge and belief, and that this organization either owns a working mi or unleased mineral interest in the land inclining the proposed bottom hole loca has a right to drill this well at this location pursuant to a contract with an owner such a mineral or working interest, or to a voluntary pooling agreement or a compulsory profing order releasofare entered by the division
	Signature Date Cy Cowan - Land Regulatory Agent Printed Name
1980'	18SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat we plotted from field notes of actual surveys made by me or un 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 Certificate Number



1

District 1
1625 N. French Dr., Hobbs, NMI 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy, Minerals & Natural Resources Departmen OIL CONSERVATION DIVISION 1220 South St. Francis Dr.

Santa Fe, NM 87505

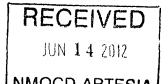
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			WELL	LOCAT	ION AND A	ACREAGE DE	DICATION	PLAT		
30-0	'API NU	mber 3593	1	7785	Code	12)14	CAT;	ant Name)]
3657			7	Well Number						
⁷ OGRID No. 025575					-	erator Name EUM CORPORATION	N		Elevation 3335'	
<u></u>					10 Surf	ace Location	· · · · · · · · · · · · · · · · · · ·			
UL or lot no. K	Section 15	Township 195	. Range 26E	Lot Idn	Feet from the 1980	North/South line South	Feet from the 1980	East/West line West	County Eddy	
L		J	11	Bottom	Hole Location	on 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] .
12 Dedicated Act	es Joint	or Infill	Consolidation	Code 15 C	Order No.	1	<u> </u>			1

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District IV

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State of New Mexico

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OIL CONSERVATION DIVISION

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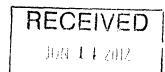
District Office

☐ AMENDED REPORT

			WELL	LOCAT	ION AND A	CREAGE DE	DICATION	PLAT		
30-0, 3657	1 API Nu 15-2	mber 3593	9	746	3 L	nken	EMila	n: UC	NW	ר ב
Prop	rty Code			V V -		erty Name IFER AVR	7	7-1	Well Number	
5652	4				1	_				
	RID No.				Oper	ator Name			* Elevation	7
02	025575 YATES PETROLEUM CORPORATION								3335'	1
<u> </u>		L			¹⁰ Surfa	ce Location	7			-
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
к	15	195	26E		1980	South	1980	West	Eddy	
L		J	11	Bottom.	Hole Locatio	n 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] .
	<u> </u>	1	1			<u>.l.</u>	_1	_1)
12 Dedicated Acre	s 13 Joint o	r Infill 14	Consolidation	Code 15 C	rder No.					1
320	1	1		•						1
	1	1		- 1						1

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///////Fee///	compulsory pooling order in electofore entered by the division
	10 mm 477110
	Signature Date
	Cy Cowan - Land Regulatory Agent
	Printed Name
	, !
	18SURVEYOR CERTIFICATION
1980'	I hereby certify that the well location shown on this plat we
	plotted from field notes of actual surveys made by me or u
	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
	4
	<u> </u>
	.
	Certificate Number



1

District I
1625 N. French Dr., Hobbs, NM 88240
District III
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV

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

State of New Mexico

Energy, Minerals & Natural Resources Departmen OIL CONSERVATION DIVISION 1220 South St. Francis Dr.

Santa Fe, NM 87505

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			WELL	LOCAT	ION AND	ACREAGE DE	EDICATION	PLAT		
30-0	1 API NE	mber 3593	C	7748	Code 29	WOLF	CAMI	0; GA	5	
3657	erty Code	23593 97489 WOLFCAMP; GAS PULSIFER AVR 1								
	Operator Name Elevation O25575 YATES PETROLEUM CORPORATION 3335'									
					10 Surf	ace Location				_
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
к	15	195	26E		1980	South	1980	West	Eddy	
L	<u> </u>		11	Bottom I	Hole Location	on 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] .
11 Dedicated Acr 320	es Joint o	r Infill	Consolidation	Code 15 O	rder No.				<u> </u>	1

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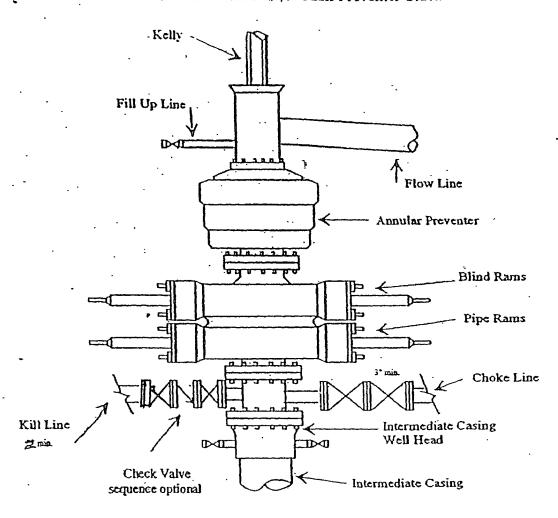
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Yates Petroleum Corporation

Typical 3,000 psi Pressure System
Schematic
Annular with Double Ram Preventer Stack



Typical 3,000 psi choke manifold assembly with at least these minimum features

