

June 30, 1988

Energy and Minerals Department Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87501

Case 9444

Re:

Eastern Shore "QW" Federal No. 2 Well Township 19 South, Range 27 East, NMPM Section 8: S/2

Eddy County, New Mexico

Gentlemen:

Enclosed for filing, please find three copies of the Application of Yates Petroleum Corporation for Amendment of an Unorthodox Well Location, and Order No. R-8578, Eddy County, New Mexico.

We understand that this matter will be set for hearing before an Examiner on August 3, 1988, and that no appearance will be necessary in the absence of objection.

Thank you.

Sincerely yours,

DICKERSON, FISK & VANDIVER

Chad Dickerson

CD:pvw Enclosures

cc w/enclosure: Ms. Janet Richardson

DICKERSON, FISK & VANDIVER ATTORNEYS AT LAW

BEFORE THE OIL CONSERVATION DIVISION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF YATES PETROLEUM CORPORATION TO AMEND AN UNORTHODOX GAS WELL LOCATION, AND ORDER NO. R-8578, EDDY COUNTY, NEW MEXICO

case no. 9444

APPLICATION

COMES NOW Yates Petroleum Corporation, by its attorneys, and in support hereof, respectfully states:

1. Applicant is the operator of all formations from the Wolfcamp through the base of the Pennsylvanian system, underlying the following lands in Eddy County, New Mexico:

Township 19 South, Range 27 East, N.M.P.M.

Section 8: S/2

containing 320 acres, more or less.

2. Order No. R-8578 entered in Case No. 9249 on January 6, 1988, approved an unorthodox gas well location, for all formations from the top of the Wolfcamp through the base of the Morrow, for Applicant's Eastern Shore "QW" Federal No. 2 Well, at a point 2,310 feet from the south line and 660 feet from the west line (Unit L) of Section 8, Township 19 South, Range 27 East, N.M.P.M., with the S/2 of said Section 8 to be dedicated to the well.

- 3. Upon commencing drilling operations, a sink hole developed at the approved surface location, which necessitates moving the rig.
- 4. Applicant proposes to drill its Eastern Shore "QW" Federal No. 2 Well at a new location 2,310 feet from the south line and 750 feet from the west line of said Section 8, to a depth sufficient to adequately test all formations from the Wolfcamp through the base of the Morrow series of the Pennsylvanian system, at approximately 10,200 feet, and to dedicate a standard 320-acre gas proration unit comprising the S/2 of said Section 8 to such well.
- 5. The new location results in less encroachment in an unorthodox direction than originally approved, and Order No. R-8578 should be amended to approve the new location in the absence of objection.

WHEREFORE, Applicant prays:

- A. That this Application be set for hearing before an examiner and that notice of said hearing be given as required by law.
- B. That upon hearing the Division enter its order amending Order No. R-8578, and granting Applicant permission to drill its Eastern Shore "QW" Federal No. 2 Well at a point 2,310 feet from the south line and 750 feet from the west line of Section 8, Township 19 South, Range 27 East, N.M.P.M., Eddy County, New Mexico, and to dedicate the S/2 of said Section 8 to such

well for production from all formations from the top of the Wolfcamp through the base of the Morrow.

C. And for such other and further relief as may be just in the premises.

YATES PETROLEUM CORPORATION

Chad Dickerson

DICKERSON, FISK & VANDIVER Seventh and Mahone, Suite E Artesia, New Mexico 88210 (505) 746-9841

Attorneys for Applicant

Form 3160-5 (November 1983) (Formerly 9-331) BUREAU OF LAND MANAGEMENT OF	• • • • • • • • • • • • • • • • • • •	5. LEASE DESIGNATION NM-30629	31, 1985
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2. NAME OF OPERATOR		8. FARM OR LEASE NAM	_
Yates Petroleum Corporation V		Eastern Shore	s QW Federal
3. ADDRESS OF OPERATOR	JUL 20'88	9. WELL NO.	
105 South 4th St., Artesia, NM 88210		2	
4. LOCATION OF WELL (Report location clearly and in accordance with any St See also space 17 below.)	O. C. D.	10. FIELD AND POOL, OR	
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17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent oproposed work. If well is directionally drilled, give subsurface location		of multiple completion of etion Report and Log form	
CORRECTION: 40' of 24" conductor pipe. (Report Resumed drilling 14-3/4" hole 9:00 AM 6-27-88. NM. Lost circulation at 55'. Mix LCM pill. w/65 sx Class "C" with 3% CaCl2. Circulate 5 Drilled to 278'. Rig settled approximately 2' rig approximately 30' in diameter. Cellar and Stabilized rig with cranes.	Notified Shannon S Full returns. Recensacks. PD 1:45 PM on east end. Sink	Shaw, BLM, Carls mented 24" condu 6-27-88. WOC I hole developed	ictor 10 hrs. under
Plugged well as follows: TD 278'. Set plug at 67' and cemented with 20 30'. Redi-mixed to surface. Ok'd by D. Armstrong with BLM, Carlsbad, NM.	0 sx Class "C" with	2% CaCl2. Tags	ged at
Skid rig 90 feet to the East to drill Eastern	Shores QW Federal #2	2-Y.	
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18. I hereby certify that the foregoing is true and correct			
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*See Instructions on Reverse Side

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	*Se	e Instructions or	Reverse Side	CARLSBAD, NEW	MEXICO

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Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-3 (November 1983) (formerly 9-331C)

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

	DEPARTMEN					5. LEASE DESIGNATION	AND SERIAL NO.
BUREAU OF LAND MANAGEMENT					NM-30629		
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Yates Petrole	um Corporation			MAY 23'8	R	e. wall No.	
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(Also to nearest dri S. DISTANCE FROM PROI	g. unit line, if any)	660'	10 Pu	ROPOSED DEPTH	20 BOE	320 ARY OR CABLE TOOLS	
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3.		PROPOSED CASIN	IG ANI	CEMENTING PROGE	RAM	<u> </u>	
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8-3/4"	7''	23# & 26#		8100'		sacks	
	ı	' K-55 & S-	95	1	1		
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BOP PROGRAM	: BOP's and hy	dril will b	e in	stalled on 9-5	/8" cas:	ing and tested	daily
GAS NOT DED	TCATED						
	PROPOSED PROGRAM: If	proposal is to deep	en or p	olug back, give data on	present prod	inctive sone and propos	ed new productive
one. If proposal is to	drill or deepen directions						
reventer program, if an	.			····			
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(This space for Fede	eral or State office use)						
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APPROVED BY	, , , , , , , , , , , , , , , , , , ,	TIT	LE	CANALAND NAME ROLL A	(CF	DATS	8.88
CONDITIONS OF APPROV	AL, IF ANY:						

NSL-APPR. 1-6-88 R-8578

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-128 Effective 1-1-65

All distances must be from the outer boundaries of the Section. YATES PETROLEUM CORPORATION Lease Eastern Shore QW Federal Township 19 South Unit Letter County Section 27 East Eddy County, N.M. Footage Location of Well: 2310 South line and feet from the Dedicated Acreage: Producing Formation Ground Level Elev 3274. Acres 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc? If answer is "yes;" type of consolidation Communitization If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commis-CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Cowan Permit Agent Yates Petroleum Corporatio March 23, 1988 AN R. REO 660 SouthLand YPC AMOLO Meridian NM 30629 30629 NM MM 19597 NM 34905 PROFESSION Holly EtAL Date Surveyed NM 20060 November 10, 1987 Registered Professional Engineer and/or Land Surveyor

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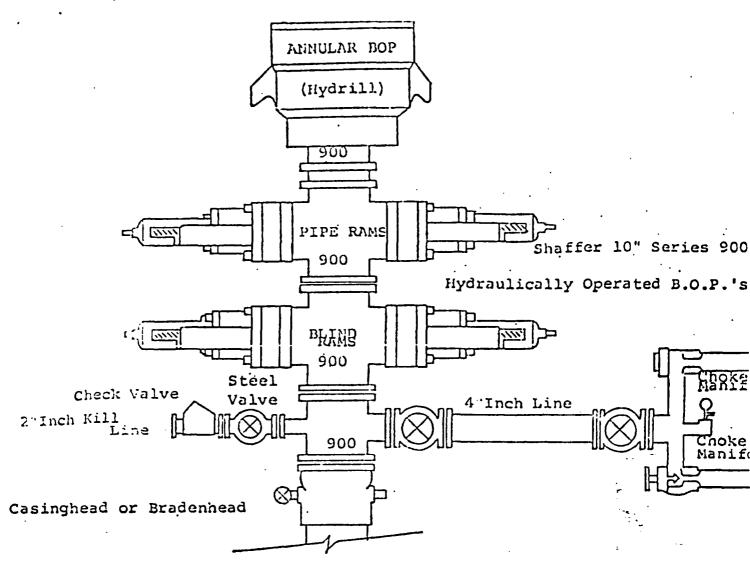
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Certificate No.

NM PE&LS NO. 5412

Exhibit B



THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- 1. All preventers to be hydraulically operated with secondary manual con installed prior to drilling out from under casing.
- 2. Choke outlet to be a minimum of Z" diameter.
- 3. Kill line to be of all steel construction of 2" minimum diameter.
- 4. All connections from operating manifolds to preventers to be all steel.

 hole or tube a minimum of one inch in diameter.
- 5. The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the B.O.P.'s.
- 6. All connections to and from preventer to have a pressure rating equivalent to that of the B.O.P.'s.
- 7. Inside blowout preventer to be available on rig floor.
- 8. Operating controls located a safe distance from the rig floor
- 9. Hole must be kept filled on trips below intermediate casing.
- 10. D. P. float must be installed and used below zone of first gas intrusic

(Pomerty 9-331) ULPAKIMENI UF IF BUREAU OF LAND MA	M. SER.	5. LEASE DESIGNATION AND SERIAL NO NM 30629 - 71-11-17-
SUNDRY NOTICES AND R	REPORTS ON WELLS?	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
(Do not use this form for proposals to drill or to d Use "APPLICATION FOR PERMI I. OIL WELL WELL OTHER 2. NAME OF OPERATOR	for auch proposals.) RECEIVED	7. UNIT AGREEMENT NAME
Yates Petroleum Corporation	UL 29 1949 JUL 20'88	Eastern Shore QW Federal
105 South 4th St., Artesia, NY 80 1. LOCATION OF WELL (Report location clearly and in accordance and surface 17 below.) 2310' FSL & 750' FWL	SAN MATTER State requirements. D. ARTESIA, OFFICE	9. WELL NO. 2-Y 10. FIELD AND POOL, OR WILDCAT McMillan Upper Penn Gas 11. SEC., T., B., M., OR BLE. AND SURVEY OR AREA
i i	Show whether DF, RT, GR, etc.)	Unit L, Sec. 8-T19S-R27E 12. COUNTY OR PARISH 13. STATE Eddy NM
16. Check Appropriate Box T	o Indicate Nature of Notice, Report,	or Other Data
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TEST WATER BHUT-OFF PRACTURE TREAT RHOUT OR ACIDIZE HEPAIR WELL (Other) PULL OR ALTER CASH MULTIPLE COMPLETE ABANDON* CHANGE PLANE	PRACTURE TREATMENT SHOOTING OR ACIDIZING (Other) Skid rig	ABANDONMENT* , Spud, set surface X results of multiple completion on Well recompletion Report and Log form.)
Skid rig 90' to the east to drill Spudded 36" hole 9:00 AM 6-30-88 conductor pipe. Cemented with 30 Resumed drilling 17-1/2" hole 9:00 Rig began to sink. Conductor and rig. Pumped sweep and regained 67-4-88. Ran 9 joints 13-3/8" 54 guide shoe set 337', insert float sacks Class "C" with 2% CaCl2 (yplug to 500 psi, float held okay 3:00 AM 7-6-88. WOC 24 hrs and Reduced hole to 12-1/4". Drilled	Drilled conductor hole to 00 sx Class "C" with 2% CaC 00 PM 7-2-88. Drilled to 1 dicellar sunk 18". Rig listiculation. Reached TD to 5# J-55 casing set 337'. t set 306'. Cemented w/150 ield 1.32, weight 14.8). P. Cement circulated 100 set 15 minutes. Cut off and we	o 80'. Set 80' of 30" 12. Cement circulated. 50' and lost returns. ting to SE. Jacked up run casing 9:00 PM Texas Pattern Notched 0 gals Flo-check, 800 D 2:45 AM 7-5-88. Bumped acks. WOC. Drilled out lded on flow nipple.
18. I hereby certify that the foregoing is true and correct		RECE L 8 11 2
816 NEW Assitus bollett	TITLE Production Superviso	r DATE 7-6=88 M
(This space for Federal or State office use)	ACCEPTED FOR THE	ORD SOM 88
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	Weler JUL 1 91988	DATE
•0-	a Instructions on Poyers Side (5)(1)	AFXICO

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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Form 3160-5 (November 1983) (Formerly 9-331) DEPARTMENT OF THE INTERIOR verse side) BUREAU OF LAND MANAGEMENT	Expires August 31, 1985 5. LEASE DESIGNATION AND SERIAL NO NM 30629 8. IF INDIAN, ALLOTTER OF THER NAVA
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservation for PERMIT—" for such proposals.)	
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WELL WELL OTHER 2. NAME OF OPRRATOR	8. FARM OR LEASE NAME
Yates Petroleum Corporation	Eastern Shore QW Federal
3. ADDRESS OF OPERATOR	9. WELL NO.
105 South 4th St., Artesia, NM 88210	2-Y
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. D. See also space 17 below.)	
2310' FSL & 750' FWL	McMillan Upper Penn Gas
2310 FSL & 730 FWL	SURVEY OR ARMA
	Unit L, Sec. 8-T19S-R27E
14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
3274' GR	Eddy NM
16. Check Appropriate Box To Indicate Nature of Notice, Re	roof or Other Data
NOTICE OF INTENTION TO:	SUBSECUENT SEPORT OF:
TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF	
PRACTURE TREAT MULTIPLE COMPLETE SHOOT OR ACIDIZE ABANDON® SHOOTING OR AC	
	rig, spud, set surface X
(Note: Re	port results of multiple completion on Well or Recompletion Report and Log form.)
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pert proposed work. If well is directionally drilled, give subsurface locations and measured and nent to this work.) *	
Skid rig 90' to the east to drill Eastern Shore QW Fede	eral #2-Y.
Spudded 36" hole 9:00 AM 6-30-88. Drilled conductor hole conductor pipe. Cemented with 300 sx Class "C" with 2% Resumed drilling 17-1/2" hole 9:00 PM 7-2-88. Drilled to Rig began to sink. Conductor and cellar sunk 18". Rig rig. Pumped sweep and regained circulation. Reached TI 7-4-88. Ran 9 joints 13-3/8" 54.5# J-55 casing set 337 guide shoe set 337', insert float set 306'. Cemented wy sacks Class "C" with 2% CaCl2 (yield 1.32, weight 14.8). plug to 500 psi, float held okay. Cement circulated 10 3:00 AM 7-6-88. WOC 24 hrs and 15 minutes. Cut off and Reduced hole to 12-1/4". Drilled plug and resumed drill	CaCl2. Cement circulated. to 150' and lost returns. listing to SE. Jacked up to run casing 9:00 PM Texas Pattern Notched 1500 gals Flo-check, 800 PD 2:45 AM 7-5-88. Bumped 00 sacks. WOC. Drilled out di welded on flow nipple.
	CARL ARECEIVE
18. I hereby certify that the foregoing is true and correct	27
SIGNED JANITAL BORGETT TITLE Production Superv	
(This space for Federal or State office use)	
ACCUTED FOR	STORY SHOW
CONDITIONS OF APPROVAL, IF ANY:	DATE

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*See Instructions on Reverse Side

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

	UNITED STATES MENT OF THE INTERIO	SUBMIT IN TRIPLICATE* (Other instructions on reverse side)	Form approved. Budget Bureau Expires August 5. LEASE DESIGNATION NM 30629	31, 1985 AND SERIAL NO
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3. ADDRESS OF OPERATOR 105 South 4th St., Ar	tesia, NM 88210	O. C. D.	9. WBLL NO. 2-Y 10. PIELD AND POOL, OR	
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TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other) 17. DESCRIBE PROPOSED OR COMPLETED OF proposed work. If well is direct nent to this work.) *	PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS ERATIONS (Clearly State all pertinent ionally drifted, give subsurface location	Completion or Recompliant dates.	of multiple completion of etion Report and Log for including estimated date	X X X X X X X X X X X X X X X X X X X
New Mexico to change 36" hole 30" c 17½" hole 13-3/	ained by Al Springer, Scasing program as follo onductor pipe set appro 8" pipe set approximate 8" pipe set approximate pipe set approximate	ows: oximately 80'; cementely 340'; cementely 340'; cementely 340'; cementely was a second or s	ced w/300 sx, c v/800 sx, circu v/1500 sx, circ	irculated. lated.
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Form 3160-5 (November 1983) (Formerly 9-331)	UNITED : DEPARTMENT OF BUREAU OF LAND	THE INTERI	2. 7.4. 13	Ex 5. LEAS	dget Burtan No. pires August 31, besignation and M-30629 30-	1985
	NDRY NOTICES AND s form for proposals to drill or Use "APPLICATION FOR PE				DIAN, ALLOTTEE OR	TRIBE NAME
OIL GAS WELL	X OTHER				AGREEMENT NAME	
2. NAME OF OPERATOR Yates Petro. 3. ADDRESS OF OPERATOR	leum Corporation	JUL 30 1300	JUL 20'8	R	on LEASE NAME rn Shore QW	Federal
105 South Fo	ourth Street - Arte Report location clearly and in a	sig, NM 882	O. C. D. ARIESIA, OFFICE State requirements of the control of the	10. FIEL	2-Y D AND POOL OR WIL	
2310' FSL &	750' FWL			11. SEC.	lan Upper Pe , T., B., M., OR BLE. A JEVET OR ARMA	
14. PERMIT NO.	15 ELEVATIO	NS (Show whether DF.	RT, GR. etc.)	12. COU	ion 8-T19S-E	
16.	Check Appropriate Bo		ature of Notice, Report,	or Other Da	da .	
	NOTICE OF INTENTION TO:		8:	BSEQUENT REPO	RT OF:	
FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other) Skid	MULTIPLE COMI ABANDON* CHANGE PLANS	Ty state all pertinent	Completion or Redetails, and give pertinent	esults of multip	REPAIRING WELL ALTERING CASING ABANDONMENT* lie completion on W ort and Log form.) estimated date of	ell
We propose will be 231	to skid the rig 90' O' FSL & 750' FWL o	to the east f Section 8-	due to a large s: I19S-R27E.	inkhole.	The new loca	ation
					JUL 8 II 17 AM	RECEIVED
18. I hereby copylify tha	the foregoing is true and corr		gulatory Secretar	у	July 7,	 1988
	eral of State office use)			DA	TH	
APPROVED BY	ORIG. SGD. RAJ GIRI CHIEF, MINERAL RESOURCE PPROVAL, IF ANY:	TITLE		D&	TE 7-19 0	F8

*See Instructions on Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-128 Effective 1-1-65

All distances must be from the outer boundaries of the Section

TATES PETROLEUM CORPORATION Township 19S 27E EDDY Township 19S 27E EDDY Township Township 19S 27E EDDY Township	O		7,11 414,4114	1,			·	l W. I. S.		
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