

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-31944	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR YATES PETROLEUM CORPORATION 25575		7. UNIT AGREEMENT NAME 12670	
3. ADDRESS AND TELEPHONE NO. 105 South Fourth Street, Artesia, New Mexico, 88210 (505) 748-1471		8. FARM OR LEASE NAME, WELL NO. Reinauer RC Federal #2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FNL and 1980' FEL At proposed prod. zone Same		9. AM WELL NO. 30-005-63216	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE Approximately 30 Miles Northeast of Roswell, New Mexico.		10. FIELD AND POOL, OR WILDCAT Pecos Slope Abo 82730	
10. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1980'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 20, T7S-R25E	
13. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		12. COUNTY OR PARISH Chaves County	
16. NO. OF ACRES IN LEASE 160		13. STATE New Mexico	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		19. PROPOSED DEPTH 4100'	
20. ROTARY OR CABLE TOOLS Rotary		21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3821' GR	
22. APPROX. DATE WORK WILL START ASAP		23. PROPOSED CASING AND CEMENTING PROGRAM	

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14 3/4"	11 3/4"	42# H-40	850'	400 sx Circulate
*11"	8 5/8"	24# J-55	1500'	350 sx TOC 750'
7 7/8"	4 1/2"	10.5# J-55	4100'	Polyarchrilamide TOC 3100'

Yates Petroleum Corporation proposes to drill and test the Abo and intermediate formations. Approximately 850' of surface casing will be set and cement circulated to the surface. *(If lost circulation is encountered 8 5/8" casing will be set to approximately 1500'. Hole size will be reduced to 7 7/8"). If commercial, production casing will be run and cemented with adequate cover, perforated and stimulated as needed for production.

MUD PROGRAM: 0-850' FW Gel/Paper/LCM; 850'-3500' Brine; 3500'-TD Polyarchrilamide.

BOPE PROGRAM: BOPE will be installed on the 11 3/4" casing and tested daily for operational.

Post ID-1
7-23-99
API 4 LOC

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Ken Beardemphl TITLE Ken Beardemphl DATE May 13, 1999

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

(ORIG. SGD.) ARMANDO A. LOPEZ

Acting Assistant Field Office Manager.
Lands and Minerals

APPROVED BY _____ TITLE _____ DATE JUL 14 1999

*See Instructions On Reverse Side



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., 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 Pecos Slope Abo
Property Code	Property Name REINAUER "RC" FEDERAL	Well Number 2
OGRID No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 3821

Surface Location

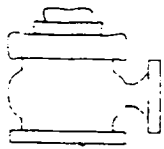
UL or lot No. G	Section 20	Township 7S	Range 25E	Lot Idn	Feet from the 1980	North/South line NORTH	Feet from the 1980	East/West line EAST	County CHAVES
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Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 160	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

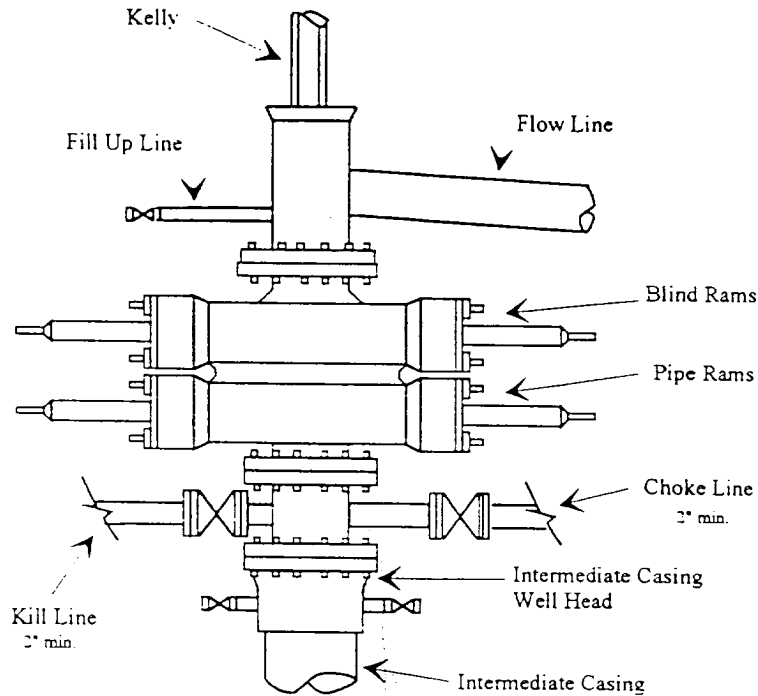
		<div><div>1980'</div><div>N.33°41'44" W.104°25'20"</div><div><div>3819</div><div>3813</div><div>3830</div><div>3823</div></div><div>1980'</div><div>NM- 31944</div></div>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Ken Beardemphl</u> Signature</p> <p>Ken Beardemphl Printed Name</p> <p>Landman Title</p> <p>May 13, 1999 Date</p>
			<p>SURVEYOR CERTIFICATION</p> <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>Date Surveyed Signature & Seal Professional Surveyor</p> <p>3640</p> <p>Certified to RLS (UNITED STATES) Jones RLS 3640 REINAUER2 DISK 11 GENERAL SURVEYING COMPANY</p>



Yates Petroleum Corporation

BOP-2

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



Yates Petroleum Corporation
105 SOUTH 4th STREET
ARTESIA, NEW MEXICO 88210

Reinauer "RC" Federal #2
1980' FNL and 1980' FEL
Section 20, T7S-R25E
Chaves County, New Mexico
NM-91344

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

