STATE OF NEW MERICO BURGY and MERICAD DEFAINTMENT L CONSERVATION DIVISIO P. O. DOX 2088 SANTA FE, NEW MEXICO 87501 SANTA FE, SANTA FE, NE	
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Liston	
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK    7. Unit Agreement Name      12: Type of Work    DRILL X    DEEPEN    PLUG BACK    7. Unit Agreement Name      2: Type of Work    DRILL X    DEEPEN    PLUG BACK    8. Furn or Leade Name      2: This of Veril    Stit X    ornee    """"""""""""""""""""""""""""""""""""	
18. Type of Work    DRULL IN    DEEPEN    PLUG BACK    7. Unit Agreement Kome      9. Type of Weil    String IN    DEEPEN    PLUG BACK    9. Work of Common Leave Name      2. Nume of Coperation    String IN    BEEPEN    Pulce BACK    9. Weil No.      3. Address of Operator    10. Field and Pool, or Wildow    1    10. Field and Pool, or Wildow      105. South Fourth Street - Artesia, NM    88210    Clinta Roja Field    Clinta Roja Field      4. Location of Weil    Wir Lettries    E convector    1980    reter resource    North    Line      avo    660    reter resource    West    11. Levelians ishow wather DF, KI, etc.)    21A. Kind & Status Flue, Bond    21B. Friding Contractor    12. Contractor      3384, 5' GR    Blanket    Undesignated    ASAP      3384, 5' GR    Blanket    Undesignated    ASAP      322    CF HOLE    SIZE OF CASING WEIGHT PERFORM    SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOI      22"    16"    65.4# H40 ST&C Approx, 400'    Circulate      14-3/4"    10-3/4"    45.5# & 51# S=40 " 5280'    1500 sacks      9-1/2"    7-5/8"    33.7# \$	
b. Type of Well    b. Type of Well    b. Type of Verile    B. Furne of Coperation    Preisa AFF State      Yates Petroleum Corporation    10. Field and Peol, or Wildeet    10. Field and Peol, or Wildeet      3. Address of Operator    10. Field and Peol, or Wildeet    10. Field and Peol, or Wildeet      4. Location of Well    Untract Errors and the Peol, or Wildeet    10. Field and Peol, or Wildeet      4. Location of Well    Untract Errors and the Peol, or Wildeet    11. Field and Peol, or Wildeet      Automation Vertice    E    Location 1980    Field Action Peol, or Wildeet      A. Location of Well    Untract Errors and the Peol, or Wildeet    12. County    Lea      Automatic Peol, RG, etc.)    21A. Kind & Dictus Piles, Bend    21B. Dittling Contractor    12. Roles or C.T.      3384, 5' GR    Blanket    Undesignated    ASAP      SIZE OF HOLE    SIZE OF CASING WEIGHT PER FOOT    SETTING DEPTH    ISACKS OF CEMENT    EST. TOI      22"    10"    65.4# H40 ST&C Approx. 400'    Circulate      9-1/2"    7-5/8"    33.7# S-95 & ""    12500'    800 sacks      99# S-95    6-1/2"    5" liner    18# P110 & S-95 12100-TD    550 sacks      We propose to drill and te	
write Lag    write Lag    write Lag    write Lag    Pressa AFF State      2. Number of Operation    10. Field and Pool, or Wildow    10. Field and Pool, or Wildow      3. Address of Operator    10. Field and Pool, or Wildow    10. Field and Pool, or Wildow      4. Escenion of Well    wurt terres    E    texters    1980    reter from The Unit    Unit      4. Escenion of Well    wurt terres    E    texters    1980    reter from The Unit    110. Field and Pool, or Wildow      ave    660    reter from The Unit    West    text from The Unit    114. Formation    12. County      Lea    115. Fropseed Lepth    115. Fropseed Lepth    114. Formation    12. County      Lea    115. Fropseed Lepth    115. Fropseed Lepth    114. Formation    12. County      Lea    114. EscentionsLabour wetther DF, KT, etc./    214. Kind & Status Plue, Bond    218. Drilling Controcter    120. Applies Dete West will state      3384.5' GR    Blanket    Undesignated    ASAP      322    PROPOSED CASING AND CEMENT PROGRAM    22. Applies Dete West will state      Size OF HOLE    Size OF CASING Weiler PER FOOT    SETTING DEPTH    SACKS OF CEMENT    Est.	
Yates Petroleum Corporation    1      3. Address of Operator    10. Field and Pool, or Wildest      105. South Fourth Street - Artesia, NM 88210    Cinta Roja Field      4. Lecotion of Well    Will terres    E    Locatto    1980    Feet From THE    North    Line      A. Lecotion of Well    Will terres    E    Locatto    1980    Feet From THE    North    Line      A. Cooling of Well    Will terres    E    Locatto    1980    Feet From THE    North    Line      A. Cooling of Well    Will terres    E    Locatto    1980    Feet From THE    North    Line      A. Cooling of Well    Will terres    E    Lead    110. Find and Pool, or Wildest      A. Lead    Well terres    E    Lead    12. County    Lead      A. Sole of the construction of Well well terres    218. Fridgenated    ASAP    22. Approx. Date Work will st      3384.5' GR    Blanket    Undesignated    ASAP      Size OF HOLE    Size OF CASING    WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT    Estr. TOD      22"    16"    65.4# H40 ST& SAP 50    "12500'    800 sacks<	
105 South Fourth Street - Artesia, NM 88210    Cinta Roja Field      4. Location of Well    With LETTER    E    Locatte    1980    rett FROM THE_NOTH    Line      And    660    rett FROM THE_WEST    Line or set.    16    TWP. 24S    set. 35E    HUMP      And    660    rett FROM THE_WEST    Line or set.    16    TWP. 24S    set. 35E    HUMP      12. County    Lea    13. Formation	
A. Location of Well    Wart Little    E    Locateb    1980    Feet From the North    Little      And    660    Feet From the West    Line of src.    16    ref.    24S    scc.    35E    ward    12, County      Lea    12.    Lea    12.    Lea    12.    Lea      Lit. Levelions/ohou whether DF, RJ, etc.)    21A. Kind & Status Plug. Bond    21B. Drilling Contractor    22. Approx. Date Work will st      3384.5'    GR    Blanket    Undesignated    ASAP      22.    PROPOSED CASING AND CEMENT PROGRAM    Size of HOLE    Size of CASING WEIGHT PER FOOT    SETTING DEPTH    SACKS OF CEMENT    EST. TOU      22"    16"    65.4# H40 ST&C Approx. 400'    Circulate    Girculate      9-1/2"    7-5/8"    33.7# S-95 & "    12500'    800 sacks    Girculate      9-1/2"    5" liner    18# P110 & S-95 12100-TD    550 sacks    Combination and intermediate formations. Approx. 400'    400' of surface casing will be set to 12500'. A 5" liner will be set to TD and cemented.      MUD PROGRAM:    Fresh water gel to 400'; brine 400-5280'; cut brine 5280-12500'; weighted brine polymer 12500-TD    30	
12. County Lea      12. County Lea      1.1. County Lea      1.1. Elevetions (show whether DE, KT, etc.)      21.A. Kind & Sidues Plug. Bend      11.5. Proposed Depth      13. Proposed Depth      13. Proposed Depth      3384.5' GR      Blanket      Undesignated      ASAP      3384.5' GR      Blanket      Undesignated      ASAP      Size OF HOLE      Size OF CASING WEIGHT PER FOOT SETTING DEPTH      SACKS OF CEMENT      Colspan="2">Colspan="2"      Colspan="2"      Colspan="2"      Colspan="2"      Colspan="2" <td cols<="" td=""></td>	
Lea      15. Proposed Ucpth    19. Permation    20. Rotary or C.T.      16. Diversions (show whether DF, N1, etc.)    21. K. Kind & Status Plug. Bond    21. Dittling Contractor    20. Rotary or C.T.      3384.5' GR    Blanket    Undesignated    ASAP      23.    PROPOSED CASING AND CEMENT PROGRAM    SiZE OF HOLE    SiZE OF CASING    WEIGHT PER FOOT    SETTING DEPTH    SACKS OF CEMENT    EST. TOO      22"    16"    65.4# H40 ST&C Approx. 400'    Circulate      14-3/4"    10-3/4"    45.5# & 51# S-\$0    '' 5280'    1500 sacks    Circulate      9-1/2"    7-5/8"    33.7# S-95 & '' 12500'    800 sacks    Size of casing will be set and cemented to shut off gravel and cavings. Combinatint intermediate casing will be set to 12500'. A 5'' liner will be set to TD and cemented.      400' of surface casing will be set to 12500'. A 5'' liner will be set to TD and cemented.      MUD PROGRAM:    Fresh water gel to 400'; brine 400-5280'; cut brine 5280-12500'; weighted brine polymer 12500-TD	
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16500'    Morrow    Cable/Rotar      3384.5' GR    Blanket    Undesignated    ASAP      23.    PROPOSED CASING AND CEMENT PROGRAM    SIZE OF HOLE    SIZE OF CASING    WEIGHT PER FOOT    SETTING DEPTH    SACKS OF CEMENT    EST. TOP      22''    16''    65.4#    H40 ST&C Approx. 400'    Circulate      14-3/4''    10-3/4''    45.5# & 51# S-\$0 ''    5280'    1500 sacks    Circulate      9-1/2''    7-5/8''    33.7# S-95 & ''    12500'    800 sacks    39# S-95      6-1/2''    5'' liner    18# P110 & S-95 12100-TD    550 sacks    Size or To and cemented.      We propose to drill and test the Morrow formation and intermediate formations. Approx. 400' of surface casing will be set and cemented to shut off gravel and cavings. Combinat intermediate casing will be set to 12500'. A 5'' liner will be set to TD and cemented.      MUD PROGRAM:    Fresh water gel to 400'; brine 400-5280'; cut brine 5280-12500'; weighted brine polymer 12500-TD	
Charles (Show whether DF, HT, etc.)    21A. Kind & Status Plug. Bond    21B. Drilling Contractor    22. Approx. Date Work will st      3384.5' GR    Blanket    Undesignated    ASAP      23.    PROPOSED CASING AND CEMENT PROGRAM      SIZE OF HOLE    SIZE OF CASING    WEIGHT PER FOOT    SETTING DEPTH    SACKS OF CEMENT    EST. TOP      22"    16"    65.4#    H40 ST&C Approx. 400'    Circulate      14-3/4"    10-3/4"    45.5# & 51# S-80    5280'    1500 sacks    Circulate      9-1/2"    7-5/8"    33.7# S-95 & "    12500'    800 sacks    Signation      6-1/2"    5" liner    18# P110 & S-95 l2100-TD    550 sacks    Signation    Approx.      We propose to drill and test the Morrow formation and intermediate formations. Approx.    400' of surface casing will be set and cemented to shut off gravel and cavings. Combinat intermediate casing will be set to 12500'. A 5" liner will be set to TD and cemented.      MUD PROGRAM:    Fresh water gel to 400'; brine 400-5280'; cut brine 5280-12500'; weighted brine polymer 12500-TD	
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brine polymer 12500-TD	
BOP PROGRAM: A 3000# BOP will be installed on 10-3/4" casing and tested daily; a 10,000# BOP will be installed on 7-5/8" casing and tested daily	
A BOVE SPACE DESCRIBE PROPOSED PROGRAMI IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW	
hereby certify the information above is true and complete to the best of my knowledge and belief.	
igned Coward Title Regulatory Agent Date January 29, 1988	
(This space for State Use) ORIGINAL SIGNED BY JERRY SEXTON DISTRICT I SUPERVISOR JAN 2 9 198	
onditions of APPROVAL, if ANY: Approved for drilling only. Permit Expires 6 Months From Approva Production subject to approval of non-standard location Date Unless Drilling Underway.	
roduction subject to approval of non-standard location Date Unless Drilling Underway.	

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• .		· WELL L	OCATION /	AND ACREAGE	DEDIC	ATION PL	٩T	Supersedes C-128 Effective 1-1-65
		4 11 dia		e	<b>.</b> .			
Operator			tances must be	from the outer bou Lease	ndaries o	f the Section.		
-	OLEUM CORPO	RATION		PREISA	AFF S	ጥለጥፑ		Well No.
Unit Letter	Section	Township	)	Range	ALL D	County		<u>L</u>
E	16	24	S	351	Ξ		LEA	
Actual Footage L	ocation of Well;					<u> </u>		
1980	feet from the	North	line and	<u> </u>	fe	et from the	West	line
Ground Level Ele		g Formation		Pool	. T	2		Dedicated Acreage:
3384.5'	the acreage de	orrow		Cinti		ioja_		640 Acres
dated by Yes If answe this form No allow	communitizatio No r is "no," list if necessary.). able will be ass	on, unitization If answer is the owners a signed to the	n, force-poo "yes," type nd tract de: well until a	ling. etc? of consolidation periptions which difficult interests have	n n have a ze been	consolidate	n consolid	all owners been consoli- deted. (Use reverse side of munitization multipation n approved by the Commis-
660 ×	00/ 	рс 5107					tained h best of r Out Name Position Regu Company	CERTIFICATION certify that the information con- entin is trac and complete to the ny knowledge and belief. Cy Cowan Alatory Agent Petroleum Corporation

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	knowledge and belief.
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## THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- All preventers to be hydraulically operated with secondary manual controls 1. installed prior to drilling out from under casing.
- Choke outlet to be a minimum of 4" diameter.
  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.
- Hole must be kept filled on trips below intermediate casing. Operator 9.
- not responsible for blowouts resulting from not keeping hole full.
- 10. D. P. float must be installed and used below zone of first gas intrusion.

