NEW MEXICO OIL CONSERVATION Commonsor.  SANTA FE  FILE  U.S.G.S.  LAND OFFICE  OPERATOR  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  IA. Type of Work  DRILL XX  DEEPEN  DEEPEN  DEEPEN  DEEPEN  DIVIDING BACK  7. Unit Agreement Name  8. Farm or Lease Name  Maralo 3 State  9. Well No.  Tamarack Petroleum Co., Inc.  3. Address of Operator  1485 One First City Center, Midland, TX 79701  South  South  DEAD SAL Indicate Type of Lease  SAL Ind	NO. OF COPIES HECEIVED				Fr	o C-101			
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  IN. Type of West  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  IN. Type of West  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  IN. Type of West  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  IN. Type of West  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  IN. Type of West  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  IN. Type of West  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  IN. Type of West  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  IN. Type of West  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  Tamarack Petroleum Co., Inc.  1 print Common Permit	DISTRIBUTION	NEW MEXICO OIL CONSERVATION COMMISSION							
Line City   Continue	SANTA FE				5 A		ype of Lease		
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK    Topy of New   DRILL   MARCH   DRILL   DEEPEN   DRILL   DEEPEN   DRILL   DEEPEN   DRILL   DRIL	FILE				1	STATE X	FEE		
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK    Top of Wash   DRILL   MARY   DRILL   MARY   DEEPEN   DRILL   DRIPEN	U.S.G.S.				.5.	State Oil &	Gas Lease No.		
APPLICATION FOR PERMIT TO ORILL, DEEPEN, OR PLUG BACK    Topy of Work   Topy of Work   Tamarack   Deepen   Deep	LAND OFFICE				l l	LG 3566	5		
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Tamarack Petroleum Co., Inc.  Tamarack Petroleum Co., Inc.  10, Field and Fool, or Wilson 10, Field and Fool, or Wilson 1485 One First City Center, Midland, TX 79701  145. One First City Center, Midland, TX 79701  146. Description of Well will tritte M. Location 330 Feet Free Tale South Line 340 Feet Tale South Lin	b. Type of Well	Type of Well SINGLE MULTIPLE							
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1485 One First City Center, Midland, TX 79701  14 Exception of Well Just Letter M. Locatio 330 rect From the South Like South Like M. Location 330 rect From the South Like M. Location M	2. Name of Operator	_			Ì	1			
1485 One First City Center, Midland, TX 79701  4. Location of Well Well Will Ferrer M. Locate 330 Feet From Yell South Line 340 Feet From Yell South Line 34	Tamarack Petro	leum Co., Inc.			10	). Field ond	Pool, or Wildcat		
148. One First City Center, Wildland, 17 2701  15. Location of Wolf Dentification M 200 2300 rest productive South Line 12, County 13, Raing of Cit. R. (1990) 150, Page 36-E November 12, April 20, 1986  21. Licrotions Calcum above 15, Will, Sec. 21, A Kind & Diction Plays Bond 218. Evilling Countries 22, April 20, 1986  22. PROPOSED CASING AND CEMENT PROGRAM  23. PROPOSED CASING AND CEMENT PROGRAM  24. Drill 12 1/4" hole to below the base of fresh water.  25. Run 8 5/8" casing and circulate cement to surface.  26. Run 8 5/8" casing and Shaffer Type E 11" 3000 PSI Double Hydraulic Preventer to 2000#.  27. Drill 12 1/4" hole to be low the base of fresh water.  28. Run 8 5/8" casing and Shaffer Type E 11" 3000 PSI Double Hydraulic Preventer to 2000#.  29. Perforate and test as indicated by logs and core.  10. Drill 7 7/8" hole to top of Queen pay at ± 4850".  20. Core Queen if possibly productive based on drilling time and samples.  29. Run open hole logs.  20. If productive, set \$\frac{1}{2}\$! "casing to TD and attempt to cement to surface.  20. Test casing to 2000#.  21. Inverse and test as indicated by logs and core.  21. Drill 12 1/4" believe the formulation above is true and complete to the best of my knowledge and brilify.  20. The core of the secretic file of the secretic file of the best of my knowledge and brilify.  21. Therefore everty that the information above is true and complete to the best of my knowledge and brilify.  22. A Run of the secretic file of the secretic file of the best of my knowledge and brilify.  23. Rading of Cit. Recommend of the secretic file of the best of my knowledge and brilify.  24. Drill 7 7/8" and Cit. Recommend of the secretic file of the best of my knowledge and brilify.  25. Rading of Cit. Recommend of the secretic file of the best of my knowledge and brilify.  26. Apr 14 1986	3. Address of Operator		+12 7/	203		Undesignated			
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19-S   nec   36-E   numeral   19-S   nec	4. Location of Well UNIT LETTER	. <u>M</u> LOCA	TED F	EET FROM THESOUTN	LINE				
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Size of Hole   Size of Casing   Blanket-in Force   The Thorace   The T						Lea			
21. Lievations (Show whether US, RT. etc.)  3764 GR  21A. Kind & Clother Plug. Bond 21B. Dilling Contractor TMBR  April 20, 1986  23.  PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE  SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP  12 1/4  8 5/8  24#  400  250  Surface  7 7/8  1 0.5#  4900  1200  Surface  1. Drill 12 1/4" hole to below the base of fresh water. 2. Run 8 5/8" casing and circulate cement to surface. 3. Test casing and Shaffer Type E 11" 3000 PSI Double Hydraulic Preventer to 2000#. 4. Drill 7 7/8" hole to top of Queen pay at ± 4850'. 5. Core Queen if possibly productive based on drilling time and samples. 6. Run open hole logs. 7. If productive, set 1/2" casing to TD and attempt to cement to surface. 8. Test casing to 2000#. 9. Perforate and test as indicated by logs and core.  IN ABONE SPACE DESCRIBE PROPOSED PROGRAM: If FROPOSAL IS TO BEEPEN OR PLUG BACK, GIVE DATA DR PREDENT PRODUCTIVE 20HE AND PROPOSED NEW PROFITE THE ENGINEERING MARKET PROPOSED NEW PROFITE PROPOSED PROFITE PROPOSED NEW PROFITE			######	<del>HHHHHH</del>	44444	rriin.			
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TITLE	I hereby certify that the information of the state of the	tion above is true and con Milling	mplete to the best of my	knowledge and belief.		Date	4/10/86		
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CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval Data Unioss Drilling Underway.