DRILL     DEEPEN     PLUG BACK     Cooper Jal Unit       01     Agreement Name     8. Form or Lease Name     8. Form or Lease Name       01     X well     OTHER     SINGLE     MULTIPLE     Cooper Jal Unit       2. Name of Operator     9. Well No.     9. Well No.     151       3. Address of Operator     10. Field and Pool, or Wildcat     Langlie Mattix       4. Location of Well     UNIT LETTER     A     Located     100       1. Location of Well     UNIT LETTER     A     Located     100       1. Location of Well     UNIT LETTER     A     Located     100       1. Location of Well     UNIT LETTER     A     Located     100       1. Location of Well     UNIT LETTER     A     Located     100       1. Location of Well     UNIT LETTER     A     Located     100       1. Elevations (Show whether DF, RT, etc.)     21A. Kind 6 Status Plug. Bond     19. Proposed Depth     19.A. Formation     20. Rotary or C.T.       1. Elevations (Show whether DF, RT, etc.)     21A. Kind 6 Status Plug. Bond     21B. Defilling Contractor     22. Approx. Date War Will Start       3003. 5' G, L.     Dlanket     Unknown									<u>_</u>			
SANTA FE     FILE	NO. OF COPIES REC	EIVED										
SANTA FE     FILE	DISTRIBUTIC	ON		NEW			SERVATION C	OWNER	<b>ON</b>			
FILE     U.S.G.S.     SA. indicate Type of Ledise       LAND OFFICE     State Oil & Gas Ledise No.       OPERATOR     State Oil & Gas Ledise No.       APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK     7. Unit Agreement Name       Ia. Type of Weil     ORILL X     DEEPEN       OIL X     OTHER     SINGLE X     MULTIPLE       OUL X     OTHER     SINGLE X     MULTIPLE       OTHER     OTHER     SINGLE X     MULTIPLE       OCOPET Jal Unit     B. Furnor Ledise Name       S. Name of Operator     9. Weil No.       S. Address of Operator     151       L. Location of Weil     UNIT LETTER     A       UNIT LETTER     A     Locateo       Taggie Maattiz     UNIT LETTER     A       Locateo     100     FEET FROM THE     East       UNIT LETTER     A     Locateo     24 - S     asc.       Nop     700     ref from the DP, RT, etc     21A. Kind & Status Play. Bond       11. Location (Show whether DP, RT, etc)     21A. Kind & Status Play. Bond     21B. Drilling Contractor     20. Rolary or C.T.       1. Listerations (Show whether DP, RT, etc)     21A. Kind & Status Play. B	SANTA FE						JERVATION	OWW12210	UN		-65	
U.S.G.S. LAND OFFICE OPERATOR 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 The of Well OTHER APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK The of Well OTHER TO THER AREA DEEPEN APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK The of Well OTHER TO THER AREA DEEPEN THER TO THER TO THER AREA DEEPEN THER TO THER TO THE	FILE											
LAND OFFICE     5. State Oll & Gas Lease No.       OPERATOR     5. State Oll & Gas Lease No.       APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK     7. Unit Agreement Name       APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK     7. Unit Agreement Name       b. Type of Well     OTHER     PLUG BACK       OTHER     SINGLE X     MULTIPLE       Cooper Jal Unit     8. Farm or Lease Name       OTHER     SINGLE X     MULTIPLE       Cooper Jal Unit     9. Well No.       State of Operator     10. Field and Pool, or Wildow       Address of Operator     10. Field and Pool, or Wildow       Lacation of Weil     UNIT LETTER       A LocateD     100       FEET FROM THE     North       No     700       FEET FROM THE     North       No     THE OF SEC.       24     TWP.       24-S     REC       3003. 5' G. L.     21A. Kind & Status Plug. Bond       21B. Drilling Contractor     22. Approx. Date Work will start       3003. 5' G. L.     21A. Kind & Status Plug. Bond       21B. Drilling Contractor     22. Approx. Date Work will start       Sept. 10, 1977 <td>U.S.G.S.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td>X</td>	U.S.G.S.									1		X
OPERATOR       APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK       a. Type of Work     7. Unit Agreement Name       b. Type of Well     DEEPEN     PLUG BACK     7. Unit Agreement Name       Output     Cooper Jal Unit     8. Ferr or Lease Name     Cooper Jal Unit       c. Name of Operator     S. Name of Operator     9. Well No.     151       S. Address of Operator     10. Field and Pool, or Wildcat     151       S. Address of Operator     10. Field and Pool, or Wildcat     Langlie Mattix       Not 700 rest FROM THE     East     LINE       No     700 rest FROM THE     NOT Charles OF OPERATOR     100 rest FROM THE     12. County       I. Location of Well     UNIT LETTER     A     LOCATED     100 rest FROM THE     12. County       I. Location of Well     UNIT LETTER     A     LOCATED     130. Free of Social County     12. County       I. Location of Well     UNIT LETTER     A     LOCATED     130. Free of Social County     12. County       I. Location of Well     UNIT LETTER     A     LOCATED     130. Free of Social County     12. County       I. Location (Show whether DF, RT, etc.)     21A. Kind & Status Plug. Bond	LAND OFFICE									L		
Ia. Type of Work     PILL X     DEEPEN     PLUG BACK     7. Unit Agreement Name       b. Type of Well     GAS     OTHER     SINGLE     X     MULTIPLE     Cooper Jal Unit       3. Name of Operator     SINGLE     X     MULTIPLE     Cooper Jal Unit     8. Furm or Lease Name       S. Name of Operator     Single     X     MULTIPLE     Cooper Jal Unit     9. Well No.       S. Address of Operator     10. Field ord Pool, or Wildcat     151       J. Location of Well     UNIT LETTER     A     LocateD     100     FEET FROM THE     East     Line       Nup     700     FEET FROM THE     INF of sec.     24     Twp.     24-S     RGE.     36-E     NMPM       12. County     Leas     19. Proposed Depth     19. Proposed Depth     12. County     12. County       1. Elevations (Show whether DF, RT, etc.)     21A. Kind & Status Plug. Bond     21B. Drilling Contractor     22. Approx. Date Work will start       3103. 3' G. L.     Blanket     Unknown     Sept. 10, 1977	OPERATOR										a 210 Ecco 110.	
Ia. Type of Work     PILL X     DEEPEN     PLUG BACK     7. Unit Agreement Name       b. Type of Well     GAS     OTHER     SINGLE     X     MULTIPLE     Cooper Jal Unit       3. Name of Operator     SINGLE     X     MULTIPLE     Cooper Jal Unit     8. Furm or Lease Name       S. Name of Operator     Single     X     MULTIPLE     Cooper Jal Unit     9. Well No.       S. Address of Operator     10. Field ord Pool, or Wildcat     151       J. Location of Well     UNIT LETTER     A     LocateD     100     FEET FROM THE     East     Line       Nup     700     FEET FROM THE     INF of sec.     24     Twp.     24-S     RGE.     36-E     NMPM       12. County     Leas     19. Proposed Depth     19. Proposed Depth     12. County     12. County       1. Elevations (Show whether DF, RT, etc.)     21A. Kind & Status Plug. Bond     21B. Drilling Contractor     22. Approx. Date Work will start       3103. 3' G. L.     Blanket     Unknown     Sept. 10, 1977		<u>_</u>								punn	mmm	$\overline{m}$
Ia. Type of Work     PILL X     DEEPEN     PLUG BACK     7. Unit Agreement Name       b. Type of Well     GAS     OTHER     SINGLE     X     MULTIPLE     Cooper Jal Unit       3. Name of Operator     SINGLE     X     MULTIPLE     Cooper Jal Unit     8. Furm or Lease Name       S. Name of Operator     Single     X     MULTIPLE     Cooper Jal Unit     9. Well No.       S. Address of Operator     10. Field ord Pool, or Wildcat     151       J. Location of Well     UNIT LETTER     A     LocateD     100     FEET FROM THE     East     Line       Nup     700     FEET FROM THE     INF of sec.     24     Twp.     24-S     RGE.     36-E     NMPM       12. County     Leas     19. Proposed Depth     19. Proposed Depth     12. County     12. County       1. Elevations (Show whether DF, RT, etc.)     21A. Kind & Status Plug. Bond     21B. Drilling Contractor     22. Approx. Date Work will start       3103. 3' G. L.     Blanket     Unknown     Sept. 10, 1977	APPLICATION FOR PERMIT TO DRILL DEEPEN OR PLUG BACK									1111		
DRILL     DEEPEN     PLUG BACK     Cooper Jal Unit       0:L     0:L     0:HER     SINGLE     MULTIPLE     Cooper Jal Unit       0:L     0:HER     SINGLE     MULTIPLE     Cooper Jal Unit       2. Name of Operator     9. Well No.     151       3. Address of Operator     9. Well No.     151       3. Address of Operator     10. Field and Pool, or Wildcat     Langlie Mattix       4. Location of Well     UNIT LETTER     A     Located     100       1. Location of Well     UNIT LETTER     A     Located     100       1. Location of Well     UNIT LETTER     A     Located     100       1. Location of Well     UNIT LETTER     A     Located     100       1. Location of Well     UNIT LETTER     A     Located     100       1. Location of Well     UNIT LETTER     A     Located     100       1. Location of Well     UNIT LETTER     A     Located     100       1. Location of Well     UNIT LETTER     A     Located     110       1. Location of Well     UNIT LETTER     A     Located     12. County       1.	1a. Type of Work						., 01.1 200		t	7. Unit Aar	eement Name	$\overline{m}$
b. Type of Well OIL WELL S GAS WELL OTHER SINGLE COOPERIAL B. Farm or Ledse Name Cooper Jal Unit 8. Farm or Ledse Name Cooper Jal Unit 9. Well No. 9. Well No. 10. Field ond Pool, or Wildcat 10. Field ond Pool, or Wildcat 10. Field ond Pool, or Wildcat 10. Field ond Pool, or Wildcat Langlie Mattix 11. Location of Well UNIT LETTER A LOCATED 100 FEET FROM THE East LINE NOP 700 FEET FROM THE NOT CLEASE OF SEC. 24 TWP. 24-S REE. 36-E NMPM 12. County Leea 10. Field ond Pool, or Wildcat 12. County Leea 13. County 14. Location of Well 15. Address of Operator 16. Field ond Pool, or Wildcat 17. Proposed Depth 19. Formation 17. County 18. Proposed Depth 19. Formation 19. Proposed Depth 19. Formation 10. Field ond Pool, or Wildcat 12. County 12. County 12. County 12. County 12. County 12. County 13. Proposed Depth 19. Formation 20. Rotary or C.T. 36550' Queen Rotary 21. Kind & Status Plug. Bond Blanket 13.					DEEDEN				[]			
OTHER     SINGLE ZONE     MULTIPLE Cooper Jal Unit       WELL X     Cooper Jal Unit       Reserve Oil, Inc.     9, Well No.       Reserve Oil, Inc.     151       Address of Operator     10. Field and Pool, or Wildcat       Jack Address of Operator     10. Field and Pool, or Wildcat       Multiple     Address of Operator     10. Field and Pool, or Wildcat       Jack Address of Operator     100     FEET FROM THE     East     Line       ND     700     FEET FROM THE     North     LINE OF SEC.     24     TWP.     24-S     Ref.     36-E     NMPM       1. Elevations (Show whether DF, RT, etc.)     21A. Kind & Status Plug. Bond     19, Proposed Depth     19A. Formation     20, Rotary or C.T.       3303. 5' G. L.     21A. Kind & Status Plug. Bond     21B. Drilling Contractor     22. Approx. Date Work will start       3.     3.     3.     3.     3.     3.     3.     3.     3.     3.     3.     3.     3.     3.	b. Type of Well				DEEPEN			PLUG	ЭВАСК	8. Farm or	Lease Name	
Reserve Oil, Inc.     9. Well No.       Reserve Oil, Inc.     151       3. Address of Operator     10. Field and Pool, or Wildcat       Inc.     100     FEET FROM THE     East       Inc.     100     FEET FROM THE     East     Line       No     700     FEET FROM THE     North     Line of sec.     24 - S ref.     36 - E ref.       No     700     FEET FROM THE     North     Line of sec.     24 - S ref.     36 - E ref.       No     700     FEET FROM THE     North     Line of sec.     24 - S ref.     36 - E ref.       No     700     FEET FROM THE     North     Line of sec.     24 - S ref.     36 - E ref.     Nome       110. Frequencies     110. Frequencies     110. Frequencies     12. County     Lea       111. Lea     113. Proposed Depth     119. Formation     20. Rotary or C.T.       111. Elevations (Show whether		WELL	отн	ER			SINGLE X	м				
Reserve Oil, Inc.     151       312 HEF Building, Midland, Texas 79701     10. Field and Pool, or Wildcat       Location of Well     UNIT LETTER A     LOCATED     100     FEET FROM THE     East     LINE       AND     700     FEET FROM THE     NOTCH     LINE OF SEC.     24     TWP.     24-S     RGE.     36-E     NMPM       Located     100     FEET FROM THE     NOTCH     LINE OF SEC.     24     TWP.     24-S     RGE.     36-E     NMPM     12. County     Leea       Located     19. Proposed Depth     194. Pormation     20. Rotary or C.T.     Active or C.T.       1. Elevations (Show whether DF, RT, etc.)     21A. Kind & Status Plug. Bond     21B. Drilling Contractor     Queen     Rotary       3303. 5' G. L.     21A. Kind & Status Plug. Bond     21B. Drilling Contractor     22. Approx. Date Work will start       3.     5.     5.     10. 1977     3.	2. Name of Operator											
10. Field and Pool, or Wildcat       10. Field and Pool, or Wildcat       Langlie Mattix       UNIT LETTER A LOCATED 100 FEET FROM THE East LINE       NND       700 FEET FROM THE NOTCH: LINE OF SEC. 24 TWP. 24-S RGE. 36-E NMPM       12. County       Lea       19. Proposed Depth       19. Proposed Depth <td colsp<="" td=""><td colspan="7"></td><td colspan="2"></td></td>	<td colspan="7"></td> <td colspan="2"></td>											
312 HBF Building, Midland, Texas 79701     Langlie Mattix       UNIT LETTER A LOCATED 100 FEET FROM THE East LINE       UNIT LETTER A LOCATED 100 FEET FROM THE East LINE       AND     700     FEET FROM THE NOTCH     Line of sec.     24 - S RGE.     36-E RMPM     12. County       Lea     19. Proposed Depth     19. Formation     20. Rotary or C.T.       3303.5' G.L.     21A. Kind 6 Status Plug. Bond     21B. Drilling Contractor     22. Approx. Date Work will start       3.	3. Address of Operat	tor						<i>i</i>		10. Field a	nd Pool, or Wildcat	
Ind     Int Letter     A     LOCATED     100     FEET FROM THE     East     Line       NMD     FEET FROM THE     NOT Chi     LINE OF SEC.     24     TWP.     24-S     RGE.     36-E     NMPM     12. County       Lea     13. Proposed Depth     19A. Formation     20. Rotary or C.T.       303.5' G.L.     21A. Kind 6 Status Plug. Bond     21B. Drilling Contractor     22. Approx. Date Work will start       3.     Sept. 10, 1977	•	<u>312 HI</u>	<u>3F Buil</u>	lding, M	idland	, Tex	as 79701			Lang	lie Mattix	
ND     700     FEET FROM THE     NOTTH     LINE OF SEC.     24     TWP.     24-S     36-E     NMPM     12. County       12. County     Lea     13. Proposed Depth     19A. Formation     20. Rotary or C.T.       11. Elevations (Show whether DF, RT, etc.)     21A. Kind & Status Plug. Bond     21B. Drilling Contractor     20. Approx. Date Work will start       3.     3.     5' G. L.     Elanket     Unknown     Sept. 10, 1977	4. Location of Well	UNIT LETTER	A	LOCA	TED	100		E	ast	mm	mmm	$\overline{m}$
10     PEPTROM THE STOCK     LINE OF SEC.     DI     TWP.     LINE OF RE.     12. County       12. County     Lea       13. Proposed Depth     19A. Formation     20. Rotary or C.T.       3650'     Queen     Rotary       3303. 5' G. L.     21A. Kind & Status Plug. Bond     21B. Drilling Contractor     22. Approx. Date Work will start       3.     Sept. 10, 1977									LINE	())))))		1111
12. County       Lea       19. Proposed Depth     19A. Formation     20. Rotary or C.T.       3650'     Queen     Rotary       3303. 5' G. L.     21A. Kind & Status Plug. Bond     21B. Drilling Contractor     22. Approx. Date Work will start       3.     Sept. 10, 1977	and 700	FEET FROM T	<sub>HE</sub> Nor	LINE LINE	OF SEC.	24	24-S	RGE. 3	6-E			11111
13. Proposed Depth     19A. Formation     20. Rotary or C.T.       14. Elevations (Show whether DF, RT, etc.)     21A. Kind & Status Plug. Bond     21B. Drilling Contractor     22. Approx. Date Work will start       3303. 5' G. L.     Elanket     Unknown     26. Potrox. Date Work will start       3.     3.     Sept. 10, 1977				///////				IIII	IIIIII	12. County	<u> </u>	HH.
3650'     Queen     Rotary       1. Elevations (Show whether DF, RT, etc.)     21A. Kind & Status Plug. Bond     21B. Drilling Contractor     22. Approx. Date Work will start       3303.5' G.L.     Blanket     Unknown     Sept. 10, 1977		1111111	IIIII	<u>IIIIII</u>	/////	/////		/////		Lea		11111.
3650'     Queen     Rotary       1. Elevations (Show whether DF, RT, etc.)     21A. Kind & Status Plug. Bond     21B. Drilling Contractor     22. Approx. Date Work will start       3303.5' G.L.     Blanket     Unknown     Sept. 10, 1977			//////		/////	/////	MMM	IIII	<u>MMM</u>	IIIII	iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	illi i
3650'     Queen     Rotary       1. Elevations (Show whether DF, RT, etc.)     21A. Kind & Status Plug. Bond     21B. Drilling Contractor     22. Approx. Date Work will start       3303.5' G.L.     Blanket     Unknown     Sept. 10, 1977		<i>MMM</i>	ШШ	711111	/////	11111		/////	////////			////
1. Elevations (Show whether DF, RT, etc.)     21A. Kind & Status Plug. Bond     21B. Drilling Contractor     22. Approx. Date Work will start       3303.5'G.L.     Blanket     Unknown     Sept. 10, 1977					TIIII.	11111	19. Proposed D	epth	19A. Formation	n	20. Rotary or C.T	
3303.5'G.L.   21A. Kind & Status Plug. Bond   21B. Drilling Contractor   22. Approx. Date Work will start     3.   3.		ТШПП	TIIII	<u>,111111</u>		11111			Quee	n	Rotary	
3. Diamet Chknown Sept. 10, 1977		wnether DF, R	I, etc.)			ug. Bond	1			22. Appro:	x. Date Work will st	art
			•	Blar	iket		Unkn	own		Sept	.10, 1977	
	23.			PR	OPOSED (	CASING A	ND CEMENT PP			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	2.4#	350'	300	Surface
7 7/8"	51/2	15.5#	* 3650'	1600	Surface

\* Will set stage collar at 1300' and cement back to surface through same.

Will use 10<sup>11</sup>, 900 series, Double Hydraulic Rams (Pipe & Blind) w/closing unit.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUC-

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed	Title	District Engineer	
(This space for State Use)			
APPROVED BY Conditions of Approval, if any:	TITLE		_ DATE