| DISTRIBUTION SANTA FE FILE U.S.G.S. LAND OFFICE OPERATOR APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK Type of Work DEEPEN PLUG BACK 7. Unit Agreement Name | ± | , ` | | • | - w ₄ | ω, | |
|--|--|---|---|---|--------------------|--|---|
| NEW MEXICO OIL CONSERVATION COMMISSION New Mexico OIL COMMISSION | · · · · · · · · · · · · · · · · · · · | | A | | | ري م | |
| NEW MEXICO OIL CONSERVATION COMMISSION APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK Type of Work APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK Type of Work Tenneco Oil Company Addition of Operator PLUG BACK Tenneco Oil Company Addition of Operator Non-ref Closestal-State Tenneco Oil Company Addition of Operator PLUG BACK Tenneco Oil Company Tenneco Oil Company P. O. BAND 1031, Midland, Texas 79701 Lead Tenneco Oil Company Tenneco Oil Company Non-ref Closestal-State Non-ref | NO. OF COPIES RECEIVED | | • | | <u> </u> | တား | - ' |
| APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK a. Type of Worls b. Type of Worl c. Type of Worl c | DISTRIBUTION | NEW NEW | MEXICO OIL CONSER | EVATION COMMISSIO | N East | | 4 |
| APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK a. Type of Worls b. Type of Worl c. Type of Worl c | SANTA FE | | | , | ري ا | Revised 1-1-65- | 20-125-236 |
| APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK Type of West Tenneco Oil Company Address of Expension of Expensio | | +- | | | T. | 5A. Indicate T | vpe of Lease |
| AND OFFICE OFFIC | | | | | £2 | | |
| APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK Type of Wash Tenneco Of Lombany Addressed Operators Tenneco Of Lombany Addressed Operators P. O. Box 1031, Midland, Texas 79701 P. O. Box 1031, Midland, Texas 79701 Tenneco Of Lombany Addressed Operators P. O. Box 1031, Midland, Texas 79701 Lea Understoned West Line P. O. Box 1031, Midland, Texas 9 9S ASS 33E Tenneco Of Lombany Tenneco Of Lombany Tenneco Of Lombany Addressed Operators P. O. Box 1031, Midland, Texas 79701 Lea Understoned West Line P. O. Box 1031, Midland, Texas 9 9S ASS 33E Tenneco Of Lombany Tenneco Of Lomb | | | | • | \circ | | |
| APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK Type of West Tonnec Off Domentor Tennec Off Domentor Ten | LAND OFFICE | | | | | | |
| APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK Type of West Tonnec Off Domentor Tennec Off Domentor Ten | OPERATOR | | | • | e was | [| 88 |
| DEPEN DEFILE DEFINE DEFINE DEFEND PLUG BACK DEPEND REPORT PROCESS AND PROCESS | | | | • | | 1111111 | |
| DEPEN DEFILE DEFINE DEFINE DEFEND PLUG BACK DEPEND REPORT PROCESS AND PROCESS | ADDL ICATIO | N EOD DEDMIT TO | DOUL DEEDEN (| DD DI LIC BACK | 71_ | 41////// | |
| DEEPEN DEEPEN PLOS BACK BROWN WILL BE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT LESS. TOP 17-1/2" 13-3/8" 48# 350 Sufficient to [1800" 17-1/2" hole to 350" KDB. Run and circulate cement on 13-3/8" casing and brown sets casing to 600 psi. 100 24 hours, drill 11" hole to approximately 3950' KDB. Run 8-5/8" represented and arill 17-1/2" hole to 350" KDB. Run and circulate cement on 13-3/8" casing and bring cement to 8600'. Test casing to 1000 psi and 1000 24 hours. THE COMMISSION MUST BE NOTIFIED 1000 PROSED PROGRAM IF PROPOSED AND INCOME. Run 5-1/2" Separation of the supposition of | | N TOK T LIKWIT TO | DRILL, DELI LIV, C | JICT EUO DACK | | 7. Unit Agreen | nent Name |
| S. Type of West With Other Other | a. Type of work | | | | | / O rigices | iem rume |
| S. Type of West With Other Other | neu I [X] | i | DEEDEN | PLUG | BACK | | |
| Tennec 0il Company Address of Operator Tennec 0il Company Address of Operator Tennec 0il Company Address of Operator P. 0. Box 1031. Midland. Texas 79701 Location of Will Junit Lettien N Located 1980 rest From the West Line 760 rest From the South Line or Size 760 rest From the South Line or Size 19. From and Depth 19. From the West Line 10. Bough "C" Rocary 10. Lea 10. Bough "C" 10. Bough "C" 10. Fret From the West Line 10. Bough "C" 10. Fret From the West Line 10. Bough "C" 10. Bough "C" 10. Fret From the West Line 10. Bough "C" 10. Bough "C" 10. Rockery of C.T. 10. Rockery of | b. Type of Well | | 200.011 | . 200 | טאפוני ב | 8. Farm or Lea | se Name |
| Tennec 0il Company Address of Operator Tennec 0il Company Address of Operator Tennec 0il Company Address of Operator P. 0. Box 1031. Midland. Texas 79701 Location of Will Junit Lettien N Located 1980 rest From the West Line 760 rest From the South Line or Size 760 rest From the South Line or Size 19. From and Depth 19. From the West Line 10. Bough "C" Rocary 10. Lea 10. Bough "C" 10. Bough "C" 10. Fret From the West Line 10. Bough "C" 10. Fret From the West Line 10. Bough "C" 10. Bough "C" 10. Fret From the West Line 10. Bough "C" 10. Bough "C" 10. Rockery of C.T. 10. Rockery of | OIL GAS | _ | • | SINGLE Y MU | LTIPLE | Coasta | al-State |
| Tenneco 011 Company Address of Organizaries P. O. Box 1031, Midland, Texas 79701 Lecontion of Well White Letter N Located 1980 Feet FROM THE West Line 760 Feet From The South 1885 of South 1885 | | OTHER | | ZONE (_Z) | ZONE L | | |
| P. D. BOX 1031, Midland, Texas 79701 1. Location of Well Whit Letter N Located 1980 rest FROM THE West Line 760 rest Casing and bring cement to 1800' ressure test to 1000 psi for 30 minutes. MOC 4 hours and drill 7-7/8" hole to approximately 9600' KDB. Run 5-1/2" casing and bring cement 1600 rest Line 760 rest Casing and bring cement 1600 rest Line 760 rest FROM THE West Line 760 rest FROM THE West Line 760 rest FROM THE REST FROM THE PROPOSED RENT FROM THE REST FROM THE R | • | | | | | 3. 11011 1101 |] |
| P. O. Box 1031, Midland, Texas 79701 Location of Well N | Tenneco Oil Com | pany | | | | | |
| Decretion of West Little N Located 1980 Feet From the West Link 760 Feet From the West Link 760 Feet From the Notation 1980 Feet From the West Link 760 Feet From the Notation 1980 Feet From the West Link 760 Feet From the Notation 1980 Feet From the West Link 760 Feet From the Notation 1980 Feet From the West Link 760 Feet From the Notation 1980 Feet From 1980 | . Address of Operator | | | | | | |
| The COMMISSION MUST BE NOTIFIED 24 HOURS PRIOR TO RUNNING 3 HOPE CASING AND CERENT PROPOSAL IS TO DECERT OR WE MAN AND PROPOSED THE COMMENCED, CASING. The COMMISSION MUST BE NOTIFIED 24 HOURS PRIOR TO RUNNING 3 THE Series of The Comment of the best of my knowledge and belief. The Spece for Staff User) The Series of Staff User) The Supervisor District A Supervisor Di | D 0 Pov 1021 | Midland Toyar | 29701 | | | (Undesigna | ated)Flying "M |
| 760 restroowing South 180 pset 9 ps 33E 200 pset 122. County Lea 18. Proposed Depth 184. Possession 184. Possession Depth 184. Possession 184 | I amostinum of Moll | A1 | | 1.100 | + | mmi | mmm |
| 19, Forestand Part 12, Country 13, Forestand 13, Forestand 14, Forestand 14, Forestand 14, Forestand 15, Forestand 16, Forestand 17, Forestand 17, Forestand 17, Forestand 17, Forestand 17, Forestand 17, Forestand 18, For | . Location of well unit LETTE | ER N LO | CATED 1700 FE | EET FROM THEWES | LINE | MILLIN | |
| 19, Proposed Depth 12, Country 12, Formation 12, Formation 13, Formation 13, Formation 14, Formation 14, Formation 15, Formation 16, For | 7.00 | C L | O | 20 | 3F | NIIIII) | |
| 18, Perposed Depth 18A, Femodicin 20, Rotary or C.T. 1800 | /6U FEET FROM | THE SOUTH | | | | MIIIII | |
| 19. Proposed Depth 19A. Fernation 20. Rotary 19. Proposed Depth 19A. Fernation 20. Rotary 19. Proposed Depth 19. Propos | THITTINITY IN THE | immmi | | | 111111 | 12. County | THITTE |
| 19. Proposed Depth 19A. Formation 20. Rotary of C.T. Rotary 19. Proposed Depth 19 | | /////////////////////////////////////// | | | | Lea | |
| 1. Elevisions (Show whether DE, RT, etc.) 21. A. Kind & Status Play. Bond 21. Drilling Contractor MCVay Drilling Company When Approved 22. Approx. Date Work will start When Approved 23. Approx. Date Work will start When Approved 33. PROPOSED CASING AND CEMENT PROGRAM SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT 17-1/2" 13-3/8" 48# 350 Sufficient to Circulate 11" 8-5/8" 32# 3950 Sufficient to 1800' 7-7/8" 5-1/2" 17# 9600 Sufficient to 8600' Topose to drill 17-1/2" hole to 350' KDB. Run and circulate cement on 13-3/8" casing. Pressurest casing to 600 psi. WOC 24 hours, drill 11" hole to approximately 3950' KDB. Run 8-5/8" est casing and bring cement to 1800'. Pressure test to 1000 psi for 30 minutes. WOC 4 hours and drill 7-7/8" hole to approximately 9600' KDB. Run 5-1/2" casing and bring cement to 1800'. Pressure test to 1000 psi for 30 minutes. WOC 4 hours and drill 7-7/8" hole to approximately 9600' KDB. Run 5-1/2" casing and bring cement to 800'. Test casing to 1000 psi and WOC 24 hours. THE COMMISSION MUST BE NOTIFIED 24 HOURS PRIOR TO RUNNING APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS U | HHHHH | 444444444 | 44444444 | 44444444 | <i>HHH</i> | triin | 44444 |
| 1. Elevisions (Show whether DE, RT, etc.) 21. A. Kind & Status Play. Bond 21. Drilling Contractor MCVay Drilling Company When Approved 22. Approx. Date Work will start When Approved 23. Approx. Date Work will start When Approved 33. PROPOSED CASING AND CEMENT PROGRAM SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT 17-1/2" 13-3/8" 48# 350 Sufficient to Circulate 11" 8-5/8" 32# 3950 Sufficient to 1800' 7-7/8" 5-1/2" 17# 9600 Sufficient to 8600' Topose to drill 17-1/2" hole to 350' KDB. Run and circulate cement on 13-3/8" casing. Pressurest casing to 600 psi. WOC 24 hours, drill 11" hole to approximately 3950' KDB. Run 8-5/8" est casing and bring cement to 1800'. Pressure test to 1000 psi for 30 minutes. WOC 4 hours and drill 7-7/8" hole to approximately 9600' KDB. Run 5-1/2" casing and bring cement to 1800'. Pressure test to 1000 psi for 30 minutes. WOC 4 hours and drill 7-7/8" hole to approximately 9600' KDB. Run 5-1/2" casing and bring cement to 800'. Test casing to 1000 psi and WOC 24 hours. THE COMMISSION MUST BE NOTIFIED 24 HOURS PRIOR TO RUNNING APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS U | | /////////////////////////////////////// | | | | | |
| 1. Elevisions (Show whether DE, RT, etc.) 21. A. Kind & Status Play. Bond 21. Drilling Contractor MCVay Drilling Company When Approved 22. Approx. Date Work will start When Approved 23. Approx. Date Work will start When Approved 33. PROPOSED CASING AND CEMENT PROGRAM SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT 17-1/2" 13-3/8" 48# 350 Sufficient to Circulate 11" 8-5/8" 32# 3950 Sufficient to 1800' 7-7/8" 5-1/2" 17# 9600 Sufficient to 8600' Topose to drill 17-1/2" hole to 350' KDB. Run and circulate cement on 13-3/8" casing. Pressurest casing to 600 psi. WOC 24 hours, drill 11" hole to approximately 3950' KDB. Run 8-5/8" est casing and bring cement to 1800'. Pressure test to 1000 psi for 30 minutes. WOC 4 hours and drill 7-7/8" hole to approximately 9600' KDB. Run 5-1/2" casing and bring cement to 1800'. Pressure test to 1000 psi for 30 minutes. WOC 4 hours and drill 7-7/8" hole to approximately 9600' KDB. Run 5-1/2" casing and bring cement to 800'. Test casing to 1000 psi and WOC 24 hours. THE COMMISSION MUST BE NOTIFIED 24 HOURS PRIOR TO RUNNING APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS U | | | | | /////// | | |
| 218. Reprotector 218. Reproved 218. Detiling Controctor 22. Approx. Date Work will start 4385 GR | <i>HHHHHHH</i> | 44444477, | (111111111) | 9. Proposed Depth | | | - |
| Size of Hole Size of Casing Size of Casing Size of Casing Size of Hole Size of Casing Size of Casing Size of Hole Size of Casing Size of Casing Size of Hole Size of Casing Size of Casing Size of Casing Size of Casing Size of Hole Size of Casing Size of Size Size of Size o | | | | 9600' | Bouah | "C" | Rotary |
| APPROVAL VALID THE COMMISSION MUST BE NOTIFIED ADdress of Study Over Brooked base, sive data on Present Productive Zone and Proposed New Productive Production Clerk Title Senior Production Clerk Deroved By Approved When Approved When Approved When Approved When Approved When Approved When Approved When Approved When Approved When Approved When Approved When Approved BROOK SITTING DEPTH SACKS OF CEMENT EST. TOP 17-1/2" 13-3/8" 48# 350 Sufficient to Circulate 11" 8-5/8" 32# 3950 Sufficient to 1800' 7-7/8" 5-1/2" 17# 9600 Sufficient to 1800' Propose to drill 17-1/2" hole to 350' KDB. Run and circulate cement on 13-3/8" casing. Pressure est casing to 600 psi. WOC 24 hours, drill 11" hole to approximately 3950' KDB. Run 8-5/8" entermediate casing and bring cement to 1800'. Pressure test to 1000 psi for 30 minutes. WOC 44 hours and drill 7-7/8" hole to approximately 9600' KDB. Run 5-1/2" casing and bring cement to 8600'. Test casing to 1000 psi and WOC 24 hours. THE COMMISSION MUST BE NOTIFIED 24 HOURS PRIOR TO RUNNING Approved the proposed New Propose | | | A Status Plan Pand | | 2009,1 | | · · |
| SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP 17-1/2" 13-3/8" 48# 350 Sufficient to Circulate 11" 8-5/8" 32# 3950 Sufficient to 1800' 7-7/8" 5-1/2" 17# 9600 Sufficient to 8600' Sufficient to 1800' 17-1/8" Solid 11" Section 11" 10 10 10 10 10 10 1 | • | | | | Camma:::: | | |
| SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP 17-1/2" 13-3/8" 48# 350 Sufficient to Circulate 11" 8-5/8" 32# 3950 Sufficient to 1800' 7-7/8" 5-1/2" 17# 9600 Sufficient to 1800' 8600' Propose to drill 17-1/2" hole to 350' KDB. Run and circulate cement on 13-3/8" casing. Pressurest casing to 600 psi. WOC 24 hours, drill 11" hole to approximately 3950' KDB. Run 8-5/8" intermediate casing and bring cement to 1800'. Pressure test to 1000 psi for 30 minutes. WOC 4 hours and drill 7-7/8" hole to approximately 9600' KDB. Run 5-1/2" casing and bring cement to 8600'. Test casing to 1000 psi and WOC 24 hours. THE COMMISSION MUST BE NOTIFIED FOR 90 DAYS UNLESS DRILLING COMMENCED, CASING. APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES DRILLING COMMENCED, CASING. EXPIRES DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUE BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PROPOSED SERVEY SONE, SINE BLOOK OF STACE DESCRIBE PROPOSED THE AND TILLE SENIOR PRODUCTIVE ZONE AND PROPOSED NEW PROPOSED SERVEY SONE BY SUPERVISOR DISTRICT & SUPERVISOR DISTRIC | 4385 GR | <u> </u> | tfrect M | icvay urilling | company | ипеп Ар | ριυνεα |
| SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT 17-1/2" 13-3/8" 48# 350 Sufficient to Circulate 11" 8-5/8" 32# 3950 Sufficient to 1800' 7-7/8" 5-1/2" 17# 9600 Sufficient to 1800' 8600' 7-7/8" 5-1/2" 17# 9600 Sufficient to 1800' 17-7/8" 5-1/2" 17# 9600 Sufficient to 1800' 1800' 1800' 1800' 1800' 19 | 3. | | | | | | |
| 17-1/2" 13-3/8" 48# 350 Sufficient to Circulate 11" 8-5/8" 32# 3950 Sufficient to 1800' 7-7/8" 5-1/2" 17# 9600 Sufficient to 8600' ropose to drill 17-1/2" hole to 350' KDB. Run and circulate cement on 13-3/8" casing. Pressure est casing to 600 psi. WOC 24 hours, drill 11" hole to approximately 3950' KDB. Run 8-5/8" Intermediate casing and bring cement to 1800'. Pressure test to 1000 psi for 30 minutes. WOC 4 hours and drill 7-7/8" hole to approximately 9600' KDB. Run 5-1/2" casing and bring cement o 8600'. Test casing to 1000 psi and WOC 24 hours. THE COMMISSION MUST BE NOTIFIED A PROPOSAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, CASING. APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES DRILLING COMMENCED, EXPIRES DRILLING COMMENCED, EXPIRES DEC. 9 1970 This space for Stuff Use. Title Senior Production Clerk Date 12-2-70 This space for Stuff Use. SUPERVISOR DISTRICT D DATE DEC. 9 1970 | | . 1 | PROPOSED CASING AND | CEMENT PROGRAM | | | |
| 17-1/2" 13-3/8" 48# 350 Sufficient to Circulate 11" 8-5/8" 32# 3950 Sufficient to 1800' 7-7/8" 5-1/2" 17# 9600 Sufficient to 8600' ropose to drill 17-1/2" hole to 350' KDB. Run and circulate cement on 13-3/8" casing. Pressure est casing to 600 psi. WOC 24 hours, drill 11" hole to approximately 3950' KDB. Run 8-5/8" Intermediate casing and bring cement to 1800'. Pressure test to 1000 psi for 30 minutes. WOC 4 hours and drill 7-7/8" hole to approximately 9600' KDB. Run 5-1/2" casing and bring cement o 8600'. Test casing to 1000 psi and WOC 24 hours. THE COMMISSION MUST BE NOTIFIED APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, CASING. APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES DRILLING COMMENCED, EXPIRES DRILLING COMMENCED, EXPIRES DEC. 9 1970 This space for Stafe Uses Title Senior Production Clerk Date 12-2-70 This space for Stafe Uses TITLE SUPERVISOR DISTRICT D DATE DEC. 9 1970 | | T 0175 05 0 10115 | Twelcus per see | T 65771116 5757 | 100000 = | | FOT TOD |
| 11" 8-5/8" 32# 3950 Sufficient to 1800' 7-7/8" 5-1/2" 17# 9600 Sufficient to 8600' ropose to drill 17-1/2" hole to 350' KDB. Run and circulate cement on 13-3/8" casing. Pressurest casing to 600 psi. WOC 24 hours, drill 11" hole to approximately 3950' KDB. Run 8-5/8" ntermediate casing and bring cement to 1800'. Pressure test to 1000 psi for 30 minutes. WOC 4 hours and drill 7-7/8" hole to approximately 9600' KDB. Run 5-1/2" casing and bring cement o 8600'. Test casing to 1000 psi and WOC 24 hours. THE COMMISSION MUST BE NOTIFIED 24 HOURS PRIOR TO RUNNING AND PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUE BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE SUPERIOR COMMENCED, CASING. APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, CASING. EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES TITLE Senior Production Clerk Date 12-2-70 TITLE SUPERVISOR DISTRICT D DATE DE C 9 1970 | | | | | I SACKS O | - CEMENT | |
| T-7/8" 5-1/2" 17# 9600 Sufficient to 8600' ropose to drill 17-1/2" hole to 350' KDB. Run and circulate cement on 13-3/8" casing. Pressure est casing to 600 psi. WOC 24 hours, drill 11" hole to approximately 3950' KDB. Run 8-5/8" ntermediate casing and bring cement to 1800'. Pressure test to 1000 psi for 30 minutes. WOC 4 hours and drill 7-7/8" hole to approximately 9600' KDB. Run 5-1/2" casing and bring cement o 8600'. Test casing to 1000 psi and WOC 24 hours. THE COMMISSION MUST BE NOTIFIED THE COMMISSION MUST BE NOTIFIED APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, CASING. APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN ON PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW P | • | | | | | | |
| ropose to drill 17-1/2" hole to 350' KDB. Run and circulate cement on 13-3/8" casing. Pressurest casing to 600 psi. WOC 24 hours, drill 11" hole to approximately 3950' KDB. Run 8-5/8" ntermediate casing and bring cement to 1800'. Pressure test to 1000 psi for 30 minutes. WOC 4 hours and drill 7-7/8" hole to approximately 9600' KDB. Run 5-1/2" casing and bring cement o 8600'. Test casing to 1000 psi and WOC 24 hours. THE COMMISSION MUST BE NOTIFIED 24 HOURS PRIOR TO RUNNING CASING. APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, CASING. EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, CASING. EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, CASING. EXPIRES APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, CASING. EXPIRES TITLE Senior Production Clerk Date DEC. 9 1970 DATE DEC. 9 1970 | 11" | 8-5/8" | 32# | 3950 | Suffic | cient to 1 | 800' |
| ropose to drill 17-1/2" hole to 350' KDB. Run and circulate cement on 13-3/8" casing. Pressure est casing to 600 psi. WOC 24 hours, drill 11" hole to approximately 3950' KDB. Run 8-5/8" ntermediate casing and bring cement to 1800'. Pressure test to 1000 psi for 30 minutes. WOC 4 hours and drill 7-7/8" hole to approximately 9600' KDB. Run 5-1/2" casing and bring cement o 8600'. Test casing to 1000 psi and WOC 24 hours. THE COMMISSION MUST BE NOTIFIED. 24 HOURS PRIOR TO RUNNING 3 PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUS BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE SONE AND PROPOSED NEW PRODUCTIVE TONE AND PROPOSED NEW PRODUCTIVE SUPERIOR TITLE SENIOR PRODUCTION Clerk This space for Stage Use; TITLE SUPERVISOR DISTRICT B DATE DEC. 9 1970 | | | | | Suffic | cient to 8 | 600' |
| est casing to 600 psi. WOC 24 hours, drill 11" hole to approximately 3950' KDB. Run 8-5/8" ntermediate casing and bring cement to 1800'. Pressure test to 1000 psi for 30 minutes. WOC 4 hours and drill 7-7/8" hole to approximately 9600' KDB. Run 5-1/2" casing and bring cement o 8600'. Test casing to 1000 psi and WOC 24 hours. THE COMMISSION MUST BE NOTIFIED. 24 HOURS PRIOR TO RUNNING 3 A DRILLING COMMENCED, CASING. APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES APPROVED BY ARTHUR PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE CENTRY what the information above is true and complete to the best of my knowledge and belief. Senior Production Clerk This space for Stafe Use. TITLE SUPERVISOR DISTRICT B DEC 9 1970 | 7-170 | J-1/L | 1 ''" | 3000 | 1 0 | | |
| TITLE SPECED BY TITLE SPECED BY SPECED BY STRICT DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PROPOSED ZONE ZONE ZONE ZONE ZONE ZONE ZONE ZONE | est casing to 600 p ntermediate casing 4 hours and drill 7 | osi. WOC 24 how and bring ceme 7-7/8" hole to | urs, drill ll" h nt to 1800'. Pr approximately 96 | hole to approx ressure test to 500' KDB. Run | mately 1 | 3950' KDB. si for 30 | Run 8-5/8" minutes. WOC |
| ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PROPOSED ZONE ZONE ZONE ZONE ZONE ZONE ZONE ZONE | THE COMMISS | ION MUST BE N | IOTIFIED | | FOR 90 | DAYS UNLES | s |
| rereby certify that the information above is true and complete to the best of my knowledge and belief. Title Senior Production Clerk This space for State Use) PPROVED BY TITLE SUPERVISOR DISTRICT B DATE DEC 9 1970 | o 8600'. Test casi THE COMMISS 24 HOURS PRI | ION MUST BE N | IOTIFIED | , | FOR 90 DRILLING | DAYS UNLES | s |
| rereby certify that the information above is true and complete to the best of my knowledge and belief. Title Senior Production Clerk This space for State Use) Perroved by TITLE SUPERVISOR DISTRICT B DATE DEC 9 1970 | o 8600'. Test casi THE COMMISS 24 HOURS PRI | ION MUST BE N | IOTIFIED | , | FOR 90 DRILLING | DAYS UNLES | s |
| rereby certify that the information above is true and complete to the best of my knowledge and belief. Title Senior Production Clerk This space for State Use) Perroved by TITLE SUPERVISOR DISTRICT B DATE DEC 9 1970 | o 8600'. Test casi THE COMMISS 24 HOURS PRI | ION MUST BE N | IOTIFIED | , | FOR 90 DRILLING | DAYS UNLES | s |
| rereby certify that the information above is true and complete to the best of my knowledge and belief. Title Senior Production Clerk This space for State Use) PPROVED BY TITLE SUPERVISOR DISTRICT D DATE DEC 9 1970 | o 8600'. Test casi THE COMMISS 24 HOURS PRI | ION MUST BE N | IOTIFIED | , | FOR 90 DRILLING | DAYS UNLES | s |
| This space for State Use) PPROVED BY TITLE Senior Production Clerk Date 12-2-70 SUPERVISOR DISTRICT D DATE DEC. 9 1970 | o 8600'. Test casi THE COMMISS 24 HOURS PRI | ION MUST BE N OR TO RUNNIN | IOTIFIED IG_/3/28 | | FOR 90 DRILLING | DAYS UNLES | \$ 5D, 3-9-7/ |
| This space for State Use) Peroved BY THE Senior Production Clerk Date 12-2-70 SUPERVISOR DISTRICT B DATE DEC. 9 1970 | o 8600'. Test casi THE COMMISS 24 HOURS PRI | ION MUST BE N OR TO RUNNIN | IOTIFIED IG_/3/28 | | FOR 90 DRILLING | DAYS UNLES | \$ 5D, 3-9-7/ |
| This space for State Use) PPROVED BY TITLE SUPERVISOR DISTRICT D DATE DEC 9 1970 | THE COMMISS 24 HOURS PRI CASING. ABOVE SPACE DESCRIBE PRI VE ZONE, GIVE BLOWOUT PREVENT | ION MUST BE NOR TO RUNNING | OTIFIED G / 3 / 8 | R PLUG BACK, GIVE DATA | FOR 90 DRILLING | DAYS UNLES | \$ 5D, 3-9-7/ |
| This space for State Use) PPROVED BY TITLE SUPERVISOR DISTRICT D DATE DEC 9 1970 | THE COMMISS 24 HOURS PRI CASING. ABOVE SPACE DESCRIBE PRI VE ZONE, GIVE BLOWOUT PREVENT | ION MUST BE NOR TO RUNNING | OTIFIED G / 3 / 8 | R PLUG BACK, GIVE DATA | FOR 90 DRILLING | DAYS UNLES | \$ 5D, 3-9-7/ |
| PPROVED BY SUPERVISOR DISTRICT B DEC 9 1970 | THE COMMISS 24 HOURS PRI CASING. ABOVE SPACE DESCRIBE PRI VE ZONE, GIVE BLOWOUT PREVENT | ION MUST BE NOR TO RUNNING | PROPOSAL IS TO DEEPEN OF | R PLUG BACK, GIVE DATA | FOR 90 DRILLING | DAYS UNLES COMMENCE | S D, 3-9-7/ ND PROPOSED NEW PROD |
| PPROVED BY SUPERVISOR DISTRICT B DEC 9 1970 | THE COMMISS 24 HOURS PRI CASING. ABOVE SPACE DESCRIBE PRI VE ZONE, GIVE BLOWOUT PREVENT Dereby certify that the informati | ION MUST BE NOR TO RUNNING | PROPOSAL IS TO DEEPEN OF | R PLUG BACK, GIVE DATA | FOR 90 DRILLING | DAYS UNLES COMMENCE | S D, 3-9-7/ ND PROPOSED NEW PROD |
| PPROVED BY TITLE DATE | THE COMMISS 24 HOURS PRI CASING. ABOVE SPACE DESCRIBE PRI VE ZONE, GIVE BLOWOUT PREVENT hereby certify that the informations of the series | ION MUST BE NOR TO RUNNING ROPOSED PROGRAM: IF EN PROGRAM, IF ANY. | PROPOSAL IS TO DEEPEN OF | R PLUG BACK, GIVE DATA | FOR 90 DRILLING | DAYS UNLES COMMENCE | S D, 3-9-7/ ND PROPOSED NEW PROD |
| PPROVED BY TITLE DATE | THE COMMISS 24 HOURS PRI CASING. ABOVE SPACE DESCRIBE PRI VE ZONE, GIVE BLOWOUT PREVENT hereby certify that the informations of the series | ION MUST BE NOR TO RUNNING ROPOSED PROGRAM: IF EN PROGRAM, IF ANY. | PROPOSAL IS TO DEEPEN OF applete to the best of my kn | R PLUG BACK, GIVE DATA on the second | FOR 90 DRILLING | DAYS UNLES COMMENCE | S D, D, ND PROPOSED NEW PROD -2-70 |
| The state of the s | THE COMMISS 24 HOURS PRI CASING. ABOVE SPACE DESCRIBE PRI VE ZONE, GIVE BLOWOUT PREVENT Decreby certify that the informations of the series of the serie | ION MUST BE NOR TO RUNNING ROPOSED PROGRAM: IF EN PROGRAM, IF ANY. | PROPOSAL IS TO DEEPEN OF applete to the best of my kn | R PLUG BACK, GIVE DATA on the second | FOR 90 DRILLING | DAYS UNLES COMMENCE CODUCTIVE ZONE A Date 12 | S D, 3-9-7/ ND PROPOSED NEW PROD -2-70 |
| UNDITIONS OF APPROVAL, FRANT: | THE COMMISS 24 HOURS PRI CASING. ABOVE SPACE DESCRIBE PRI VE ZONE, GIVE BLOWOUT PREVENT Dereby certify that the informations of the space for this space for the space | ION MUST BE NOR TO RUNNING ROPOSED PROGRAM: IF EN PROGRAM, IF ANY. | PROPOSAL IS TO DEEPEN OF applete to the best of my kn | R PLUG BACK, GIVE DATA on the second | FOR 90 DRILLING | DAYS UNLES COMMENCE CODUCTIVE ZONE A Date 12 | S D, 3-9-7/ ND PROPOSED NEW PROD -2-70 |
| | THE COMMISS 24 HOURS PRI CASING. ABOVE SPACE DESCRIBE PRI VE ZONE, GIVE BLOWOUT PREVENT hereby certify that the information of the space for this space for the space f | ON MUST BE NOR TO RUNNING ROPOSED PROGRAM: IF FER PROGRAM, IF ANY. Ton above 1s true and com State Use) State Use) | PROPOSAL IS TO DEEPEN OF applete to the best of my kn | R PLUG BACK, GIVE DATA on the second | FOR 90 DRILLING | DAYS UNLES COMMENCE CODUCTIVE ZONE A Date 12 | S D, 3-9-7/ ND PROPOSED NEW PROD -2-70 |
| | THE COMMISS 24 HOURS PRI CASING. A ABOVE SPACE DESCRIBE PRI VE ZONE, GIVE BLOWOUT PREVENT hereby certify that the information of the space for this space for the space | ON MUST BE NOR TO RUNNING ROPOSED PROGRAM: IF FER PROGRAM, IF ANY. Ton above 1s true and com State Use) State Use) | PROPOSAL IS TO DEEPEN OF applete to the best of my kn | R PLUG BACK, GIVE DATA on the second | FOR 90 DRILLING | DAYS UNLES COMMENCE CODUCTIVE ZONE A Date 12 | S D, 3-9-7/ ND PROPOSED NEW PROD -2-70 |
| | THE COMMISS 24 HOURS PRI CASING. A ABOVE SPACE DESCRIBE PRI VE ZONE, GIVE BLOWOUT PREVENT hereby certify that the information of the space for this space for the space | ON MUST BE NOR TO RUNNING ROPOSED PROGRAM: IF FER PROGRAM, IF ANY. Ton above 1s true and com State Use) State Use) | PROPOSAL IS TO DEEPEN OF applete to the best of my kn | R PLUG BACK, GIVE DATA on the second | FOR 90 DRILLING | DAYS UNLES COMMENCE CODUCTIVE ZONE A Date 12 | S D, 3-9-7 ND PROPOSED NEW PRODU -2-70 |
| | THE COMMISS 24 HOURS PRI CASING. ABOVE SPACE DESCRIBE PRI VE ZONE, GIVE BLOWOUT PREVENT DEFENDENCE FOR This space for PPROVED BY | ON MUST BE NOR TO RUNNING ROPOSED PROGRAM: IF FER PROGRAM, IF ANY. Ton above 1s true and com State Use) State Use) | PROPOSAL IS TO DEEPEN OF applete to the best of my kn | R PLUG BACK, GIVE DATA on the second | FOR 90 DRILLING | DAYS UNLES COMMENCE CODUCTIVE ZONE A Date 12 | S D, 3-9-7/ ND PROPOSED NEW PROD -2-70 |
| | THE COMMISS 24 HOURS PRI CASING. A ABOVE SPACE DESCRIBE PRI VE ZONE, GIVE BLOWOUT PREVENT hereby certify that the information of the space for this space for the space | ON MUST BE NOR TO RUNNING ROPOSED PROGRAM: IF FER PROGRAM, IF ANY. Ton above 1s true and com State Use) State Use) | PROPOSAL IS TO DEEPEN OF applete to the best of my kn | R PLUG BACK, GIVE DATA on the second | FOR 90 DRILLING | DAYS UNLES COMMENCE CODUCTIVE ZONE A Date 12 | S D, 3-9-7 ND PROPOSED NEW PRODU -2-70 |

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

All distances must be from the outer boundaries of the Section

| Operator TENNI | | ĺ | Lease | | 3.5 | Well No. | | | | | | |
|--|----------------------------------|--------------------------|-------------------------|---|-----------------------------------|-----------------|-----------------|--|--|--|--|--|
| | ECO OIL CON | MPANY | COAST | AL-STA | TE | .] | , 1 | | | | | |
| Unit Letter | Section | Township | Roznge | County | | | | | | | | |
| N | 9 | 9 SOUTH | 33 EAST | | <u> </u> | LEA | ž | | | | | |
| Actual Footage Loca | Actual Footage Location of Well: | | | | | | | | | | | |
| 760 | feet from the | SCUTH line and | | et from the | WES T | line | | | | | | |
| Ground Level Elev. 4385 | Producing For PENN | | UNDESIGNATED (| FLYING 1 | м) | edicated Acres | Ge: 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? | | | | | | | | | | | | |
| Yes No If answer is "yes," type of consolidation | | | | | | | | | | | | |
| If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) | | | | | | | | | | | | |
| | | ed to the well until all | | | | | | | | | | |
| | ing, or otherwise) | or until a non-standard | l unit, eliminating suc | ch interests | s, has been ap | oproved by t | the Commis- | | | | | |
| sion. | | | | | | | | | | | | |
| | 1 | | l l | | c | ERTIFICATIO | NC | | | | | |
| | İ | | 1 | | | | | | | | | |
| | 1 | | 1 | | I hereby cert | ify that the in | formation con- | | | | | |
| | 1 | | • | 1 | | • | omplete to the | | | | | |
| İ | 1 | | 1 | r | 1 | nowledge and b | • | | | | | |
| | 1 | | i | | | | | | | | | |
| NEW | | | | 1 | | | | | | | | |
| SURVEY | OR | + | i | | Name | 42 COLL | () | | | | | |
| 1 5 S | 0) [| | 1 | | Position | DRILLING | ENGR. | | | | | |
| ATE ATE 676 | AM S | | 1 | | Company TENNECO C | IL COMPA | ₹NY | | | | | |
| The state of the s | HE | | | | DI2-4-1970 | 0 | | | | | | |
| TOWN TO THE | | | | | | | | | | | | |
| | 1 | | i | | | • | well location | | | | | |
| | ļ | | 1 | | İ | | tted from field | | | | | |
| , | | | 1 | | | • | nade by me or | | | | | |
| | l I | 1 | 1 | | | | that the same | | | | | |
| 1 | l I | | 1 | | | | e best of my | | | | | |
| i. | l In | _ [| | _ , | knowledge an | na belief. | | | | | | |
| | | T | | | | | | | | | | |
| | | | i. | | Date Surveyed | | | | | | | |
| 1980 |)' | | • | | | BER 1, 1 | | | | | | |
| 1 | <u>†</u> | | | | Registered Prof and/or Land Su | - | neer | | | | | |
| | € 760 | | ! | | In |] 7[1] [1 | Int | | | | | |
| | | | | , , , , , , , , , , , , , , , , , , , | Certificate No. | 676 | | | | | | |