PROPERTY NO			OPER. OGRID	NO. 22351				
Fem 3463 J       DEPARTINE       POOL CODE       4// 54.0       Prove Note: Code (1) State (1) Stat				the second se				
BUREAU OF EFF. DATE         Budget Environment Studies           SUMM TN TRUPLOTE         Budget Environment Studies           SUMM TN TRUPLOTE           APPLICATION FOR PERMIT TO DRILL OR DEEPEN         S. # Modes and No.           It is the of Work         DEEPEN         SUMM TN TRUPLOTE           It is the of Work         DEEPEN         SUMM TN TRUPLOTE           It is the of Work         DEEPEN         SUMM TN TRUPLOTE           It is the of Work         DEEPEN         SUMM TN TRUPLOTE           It is the of Work         DEEPEN         SUMM TN TRUPLOTE           It is the of Work         DEEPEN         SUMM TN TRUPLOTE           It is the of Work         DEEME (USA) T           Address and Trephone No.         2           SUMM TO THE WORK         DEEME TO THE WORK           SUMM TO THE WORK         DEEME TO THE WORK           SUMM TO THE WORK TO THE WORK THE WORK TO THE WORK THE PAST UP           SUMM TO THE WORK THE WORK TO THE WORK THE PAST UP           SUMM TO THE WORK THE PAST UP N	Form 3160-3	UNI		5	· •			
SUBJET IN TRULEATE         Description         Experies	(December 1990)			В.				
APT NO.       3D: 0:25:-3:3001       5. Lasse Designation and Sarial Mo.         APPLICATION FOR PERMIT TO DRILL OR DEEPEN       5. If Indian, Audites or Tribs Name         1s. Type of Work       DELL       DEEPEN       3. Notice 20NE         1s. Type of Work       DELL       DEEPEN       3. Notice 20NE         2. Name of Opensor       TEXACE EXPLORATION & PRODUCTION INC.       2.         3. Address and Tabuhone Ne.       P.O. Box 3109. Mediand Texase 37702       688-4005         3. Address and Tabuhone Ne.       P.O. Box 3109. Mediand Texase 37702       688-4005         3. Address and Tabuhone Ne.       P.O. Box 3109. Mediand Texase 37702       688-4005         3. Address and Tabuhone Ne.       P.O. Box 3109. Mediand Texase 37702       688-4005         3. Address and Tabuhone Ne.       P.O. Box 3109. Mediand Texase 37702       688-4005         3. Address and Tabuhone Ne.       P.O. Box 3109. Mediand Texase 37702       688-4005         4. Location of Wall Mapped Texase 1000 Mediand Texase 37702       688-4005       10. Sinkin Calculation Advance. Mediand Texase 37702         4. Decision of Wall Mapped Texase 1000 Mediand Texase 37702       688-4005       11. SEC, T.M. on K.K. and Survey of Advance. Mediand Texase 37702         4. Decision of Wall Mapped Texase 1000 Mediand Texase 37702       608-4005       11. SEC, T.M. on K.K. and Survey of Advance Mediand Texase 37702		BUREAU OF	EFF. DATE		-			
APPLICATION FOR PERMIT TO DRILL OR DEEPEN       5.11 Police, Additions of Table Name         1a. Type of Work       DEELE       DEEPEN       3RACLE ZONE       7.12 Unit of CA. Agreement Designation         0.1       OAL       OAL       OAL       SINCLE ZONE       7.12 Unit of CA. Agreement Designation         2. Nome of Operator       TEXACO EXPLORATION & PRODUCTION INC.       2       2         3. Address and Tablebook No.       P.O. Box 3109, Midland Taxas 79702       688-4000       8.44 West No.         4. Location of Wall (Report backing with any State regularements. 7)       No. The Mark Prov. Explorery Ame       LUSE OFERANCE, WEST         3. Address and Tablebook No.       P.O. Box 3109, Midland Taxas 79702       688-4000       8.44 West No.         4. Location of Wall (Report backing method in secondamor with any State regularements. 7)       No. Ford Prove Prov. Table State St			API NO. 30.		nation and Ser	ial No.		
To Try of Well       DELETER       Sevel 2 Construct       The Number Processing of the Number Procesing of the N	A	PPLICATION FOR P	ERMIT TO DRILL	OR DEEPEN	6. If Indian, Alo			
To Try of Well       DELETER       Sevel 2 Construct       The Number Processing of the Number Procesing of the N	1a. Type of Work							
WELL         OTHER         MALTIPLE ZONE         FEDERAL (USA) T           2. Names of Operation         TEXACC EXPLORATION & PRODUCTION INC.         2           3. Address and Tolephone NM.         P.O., Box 3109, Midland Texas 72702         688-4606         9. API Mol No.           3. Address and Tolephone NM.         P.O., Box 3109, Midland Texas 72702         688-4606         9. API Mol No.           4. Surface         10. Field and Pool, Exclorery Area         Line Midland Texas 72702         688-4606           4. Decision of Will Report Incuston clearly and in socordance with any State registemosts.         10. Field and Pool, Exclorery Area           1. Dictator From The NORTTH         Line and 1980         Pool From The EAST         Line AudWate, WEST           1. Dictator From Proposed Location to Nearest Torm or Pool Office*         10. End         10. End         Nome           1. Dictator From Proposed Location to Nearest Torm or Pool Office*         12. Readons or Cable Tools         10. Total Will Not           1. Dictator From Proposed Location to Nearest Property or         19. Proposed Depth         20. Rolary or Cable Tools         10. State           2. Dictator From Proposed Location to Nearest Property or         19. Proposed Depth         20. Rolary or Cable Tools         NM           2. Dictator From Proposed Location to Nearest Property or         19. Proposed Depth         20. Rolary or Cable Tools </td <td>1b. Type of Well</td> <td></td> <td>EPEN LJ</td> <td>SINGLE ZONE</td> <td>⊴</td> <td></td> <td>esignation</td>	1b. Type of Well		EPEN LJ	SINGLE ZONE	⊴		esignation	
1         TEXACO EXPLORATION & PRODUCTION INC.         2           3. Address and Telephone No.         P.O. Box 3109, Midland Taxas 79702         658-4600         9. API Well No.           4. Location of Well (Riport location clearly and in accordance with any Bitus regularements.?)         10. Field and Pool, Episotery Area           1.08 Leater         3.30         Feet From The NORTH Like and 1980         Feet From The EAST Like         11. SEC, T, R, M, or BLK and Survey or Area           1.09 Leater         SAME         Social Science         13. State         13. State           1.10 Didance In Marse and Direction from Neurone Trown or Part Office*         12. County or Pariah         13. State           1.10 Didance In Marse and Direction from Neurone Trown or Part Office*         19. Roopad Cepith         20. Rotary or Cable Tools           1.10 Didance In Marse and Direction from Neurone Trown or Part Office*         19. Roopad Cepith         20. Rotary or Cable Tools           1.10 Didance From Threse Marsel Well, Dilling, Compret or Analy         19. Roopad Cepith         20. Rotary or Cable Tools           1.10 Didance From Threse Marsel Property or Cable Tools         10. Rotary or Cable Tools         Rootary           1.10 Didance From Threse Marsel Well, Dilling, Compret or Analy         21. Elevations (Show whether DF RT, GR, ec.)         22. Approx. Date Work Will Shart*           2.11 WickOL, ESS Cor FOLE         GR SSSS         22. Approx. D								
P.O. Box 3109, Midland Texas 79722       0884-606       Prof. WINK.         4. Localion of Well Report location clearly and in accordance with any State regulation of the Prof. Normality and in accordance with any State regulation of the Prof. Normality and the State regulation of the Prof. Normality and the State regulation of the Prof. Normality and the State regulation of the Prof. Normality and State regulation of the Prof. Normality and State S	2. Name of Operator	TEXACO EXPLOR	ATION & PRODUCTIO	N INC.	2			
Al Surface I will later \$ 330 Feel From The NORTH Line and 1980 Feel From The EAST Line Al proposed prod. zone SAME Sec. 31 300 Feel From The NORTH Line and 1980 Feel From The EAST Line SAME Sec. 31 Township 19-8, Range 32-E 14. Delations in Miles and Direction from Nearent Town or Poel Office' 15. Delations from Proposed Tostikon to Nearent Property or Lines Line, Fill, dive to means dia give to mean the set of the Sec. 31 Township 19-8, Range 32-E 14. Delations from Proposed Tostikon to Nearent Property or Lines Line, Fill, dive to means dia give to means dia give to mean the set of the Sec. 31 Township 19-8, Range 32-E 14. Delations from Proposed Tostikon to Nearent Property or Lines Line, Fill, dia to means dia give to means dia give to mean the set of the Sec. 31 Township 19-8, Range 32-E 14. Delations from Proposed Location to Nearent Weil, Delling, 15. Delations (Show whether DF.RT, GR, etc.) 320 I Sec. 321 Zoor Cable Tools RoTARY 21. Elevations (Show whether DF.RT, GR, etc.) 321 Elevations (Show whether DF.RT, GR, etc.) 322 OF HOLE ORADE SEC CASING AND CEMENT PROGRAM 51 Clary's P Fortage: 323 ProPOSED CASING AND CEMENT PROGRAM 51 Clary's P Fortage: 324 Proposed 2000 The Sec. 320 SACKS CLASS CW 4% GEL 2% CACL2 (13.5 PPG, 1.74 CF/S, 9.1 GW/S), F/B 170 SACKS CLASS C w/ 2% CACL2 (14.8 PPG, 1.34 CF/S, 6.3 GW/S). 325 ProDUCTION CASING - 300 SACKS SCRS SCRS SCRS SCR 50 CZ CLASS H w/ 6% GEL 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S), F/B 100 SACKS CLASS C w/ 2% CACL2 (14.8 PPG, 1.34 CF/S, 6.3 GW/S). 326 CLASS H w/ 1% CACL2 (15.6 PPG, 1.19 CF/S, 5.2 GW/S). 327 ProDUCTION CASING - 300 SACKS SCRS SCR 50 CZ CLASS H w/ 6% GEL 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S), F/B 100 SACKS CLASS C W/S). F/B 100 SACKS CLASS C W/S SCR 50 CZ CLASS H w/ 6% GEL 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S), F/B 100 SACKS CLASS H w/ 5% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S), F/B 100 SACKS SCR 50 CZ CLASS H w/ 6% GEL 5% SALT, 1	3. Address and Telephone		land Texas 79702	688-4606	9. API Well No.			
Autors       1300       Feet From The EAST       Lusk DELWARE, WEST         All proposed prod.come       SAME       Sac. 31, Township       19.5, Range 32.6         14. Distance in Miles and Direction from Neurest Tom or Post Diffeet       12. Country of Parish       13. State         15. Distance From Proposed Location from Neurest Tom or Post Diffeet       12. Country of Parish       13. State         15. Distance From Proposed Location to Neurest Tom or Post Diffeet       12. Country of Parish       NM         16. Distance From Proposed Location to Neurest Mark NetW MEXOCO       12. Country of Cable Tokic       NM         16. Distance From Proposed Location to Neurest Mark NetW MEXOCO       12. Root Arrew Statement of the Well       NM         16. Distance From Proposed Location to Neurest Mark NetW MEXOCO       12. Root Arrew Statement of the Well       NM         16. Distance From Proposed Location to Neurest Well, Drilling, Completed of Appled Fin, On This Leese, FL       1352       20       Rotary of Cable Tokic Work Well State         21. Elevations (thow whether DF RT, GR, etc.)       GR-3535       State       20       Rotary 5       POTOSED CASING AND CEMENT PROGRAM       11. Stack - Cancularte       14/100         13. WCS0, 8.5 8       13.5.8       17.207       1115 SACKS - CIRCULATE       17/78       11.00.000       NACKS - CIRCULATE         17. PR / Col CASIN Well Xount Xount Xount Xount		t location clearly and in accord	iance with any State requi	rements.")	10 Field and Pr		Area	
Al proposed prod. zone SAME SAME Sec. 31, Township 19-5, Range 32-E 14. Distance In Miles and Direction from Nearest York Pool Office* 15. Distance From Proposed* Location to Nearest York Pool Office* 15. Distance From Proposed* Location to Nearest Well, Drilling, 15. Distance From Proposed* Location to Nearest Well, Drilling, 16. Distance From Proposed* Location to Nearest Well, Drilling, 17. No. of Acces Assigned To The Well 16. Distance From Proposed* Location to Nearest Well, Drilling, 17. No. of Acces Assigned To The Well 16. Distance From Proposed* Location to Nearest Well, Drilling, 17. No. of Acces Assigned To The Well 16. Distance From Proposed* Location to Nearest Well, Drilling, 17. No. of Acces Assigned To The Well 16. Distance From Proposed* Location to Nearest Well, Drilling, 18. Distance From Proposed* Location to Nearest Well, Drilling, 19. Proposed* Dooth 17. Drilling, 12. Elevations (Show whether DF.RT, CR, etc.) GR-3538 21. Elevations (Show whether DF.RT, CR, etc.) GR-3538 22. Approx. Dela Work Will Start 42. Approx. Dela Work Will Start 42. Approx. Dela Work Will Start 43.4 Workd, 11.3 44 42.8 4567 41.1 Workd, 11.3 Workd, 11.3 Kater 41.1 Workd, 13.4 42.8 4567 41.1 Workd, 13.4 41.1 Workd, 13.4 42.8 4567 41.1 Workd, 13.4 42.8 4567 41.1 Workd, 13.4 42.8 456 41.1 Workd, 13.4 42.8 456 41.1 Workd, 13.4 42.8 456 77.8 41.1 42.8 457 41.1 42.8 457 41.1 42.8 457 41.1 42.8 458 41.1 44.9 45 458 41.1 44.9					LUSK DELAWA	• • •	Alba	
14. Distance in Miles and Direction from Nearest Town or Post Office*       12. County or Points       13. State         14. Distance in Miles and Direction from Nearest Town or Post Office*       12. County or Points       13. State         15. Distance From Proposed Location to Nearest Popty or Less P. P. (also to nearest ddg. unit fire, if any)       330       16. No. of Acres Assigned To This Well         16. Distance From Proposed Location to Nearest Popty or Cable Property or Cable From Proposed Location to Nearest Popty or Cable State       17. No. of Acres Assigned To This Well         18. Distance From Proposed Location to Nearest Popty or Cable State       13. State       40         18. Distance From Proposed Location to Nearest Well, Drilling, Carl Additions (Show whether DF.RT, GR., etc.)       13. State       21. Elevations (Show whether DF.RT, GR., etc.)         21. Elevations (Show whether DF.RT, GR., etc.)       GR 3532*       22. Approx. Date Work Well Start         23.       PROPOSED CASING AND CEMENT PROGRAM       24. droft Start       8056*         11       WCS0, 85.8       328       1400*       166 SACKS - CRCULATE         11       WCS0, 85.8       328       17.00*       116 SACKS - CRCULATE         11       WCS0, 85.8       328       17.00*       116 SACKS - CRCULATE         11.       WCS0, 85.8       328       17.00*       14.04 CF/S, 0.1 GW/S). F/B 107 SACKS CLASS CWS 2W/S ACR 2W/S ACR 2W/S ACR			In Line and 1980	FeetFrom The EAST Line		11. SEC., T., R., M., or BLK. and Survey or Area		
LEA         NM           15. Distance From Proposed: Location to Nearest Property of tase Line R. (also to nearest dig), with line, if any of tase Line R. (also to nearest dig), with line, if any of tase Line R. (also to nearest dig), with line, if any of tase Line R. (also to nearest dig).         18. No. of Acres in Lease         NM           16. Distance From Proposed: Location to Nearest Wall, Dailing, Completed of Applie For, OT This Lease, F. (also to nearest Wall, Dailing, CR-3538"         19. Proposed Depth         20. Rolary or Cable Tools Arrows           21. Elevations (Show whether DF.RT, GR, etc.)         GR-3538"         22. Approx. Date Work Will Start- Mros           23.         PROPOSED CASING AND CEMENT PROGRAM         Surt Carly's Potosn           34.4         WC40, 11.24         42#         8567         470 SACKS - CIRCULATE           11         WC50, 8.56         15.58         7200         1115 SACKS - CIRCULATE           11         WC50, 8.56         15.58         7200         1115 SACKS - CIRCULATE           11         WC50, 8.56         15.58         7200         1115 SACKS - CIRCULATE           12.         WC50, 1.56, 52 CV/SIN         92.02 CLASS H w 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.9 C/SI, 0.1 GW/S), F/B 100           SURFACE CASING - 300 SACKS CLASS GW VG SALES FVO CLASS H w 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.9 C/SI, 0.1 GW/S), F/B 100           SACKS CLASS H w 7% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG,		s	AME		Sec. 31,	Township	19-S, Range 32-E	
15       Distance From Proposed Localiton to Nearest Property or Lesse Line, FL (also to nearest drig, unit line, if any)       330       16. No. of Acres in Lessec       17. No. of Acres Assigned To This Wall         16       Distance From Proposed Localiton to Nearest Wall, Dailing, Completed or Applied For, On This Lesse, FL       18. Proposed Doph       20. Rolary or Cable Tools         21       Biosticon From Proposed Localiton to Nearest Wall, Dailing, Completed or Applied For, On This Lesse, FL       18. Proposed Doph       20. Rolary or Cable Tools         22       Approx. Date Work Will Start GR-3538       18. Proposed Localiton to Nearest Wall, Dailing, Tool 20. Start Start       22. Approx. Date Work Will Start Minks         23.       PROPOSED CASING AND CEMENT PROGRAM       50. This Wall       20. This Wall       22. Approx. Date Work Will Start Minks         24.       Wick0, 11.34       428       6807       470 SACKS - GROULATE       716 Carty 5 Potosn         11       Wick0, 11.34       428       6807       470 SACKS - CIRCULATE       716 Carty 5 Potosn         11       Wick0, 11.34       428       6807       470 SACKS - CIRCULATE       716 Carty 5 Potosn         11       Wick0, 58       328       14007       1950 SACKS - CIRCULATE       718 Carty 5 Potosn         778       Wick0, 10. So SACKS CLASS C W 4% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S), F/B 100 SACKS CLASS L W 4% GEL, 5% S	14. Distance In Miles and D			0				
18. Distance From Proposed Location* to Nearest Weil, Drilling,       19. Proposed Depth       20. Rotary or Cable Tools         13. Distance From Proposed Location* to Nearest Weil, Drilling,       1383'       1383'       20. Rotary or Cable Tools         21. Elevations (Show whether DF, RT, GR, etc.)       GR-3533'       22. Approx. Date Work Will Start         23.       PROPOSED CASING AND CEMENT PROGRAM       3 1 C4 arry 's Potusn;         34       WC40, 11 324       428       650'         11       WC50, 8 58       322       4100'       1650 SACKS - CIRCULATE         11       WC50, 18 56       15.58'       7200'       1115 SACKS - CIRCULATE         778       WC50, L865, 5       15.58'       7200'       1115 SACKS - CIRCULATE         11       WC50, L865, 5       15.58'       7200'       1115 SACKS - CIRCULATE         778       WC50, L865, 5       15.58'       7200'       1115 SACKS - CIRCULATE         11.       WC50, L865, 5       15.58'       7200'       1115 SACKS - CIRCULATE         11.       WC50, L865, 5       15.58'       7200'       1115 SACKS - CIRCULATE         12.34 Cr/S, 6.3 GW(S).       WH50 GEL, 5% SALT, 1/48' FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 200       SACKS CLASS H W 6% GEL, 5% SALT, 1/48' FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 100 <td< td=""><td>15. Distance From Propose</td><td>d* Location to Nearest Proper</td><td>ty or</td><td></td><td></td><td></td><td></td></td<>	15. Distance From Propose	d* Location to Nearest Proper	ty or					
Completed or Applied For, On This Lease, Ft.       1363'       7200'       ROTARY         21.Elevations (Show whether DF, RT, GR, etc.)       GR-3533'       22. Approx. Date Work Will Start         23.       PROPOSED CASING AND CEMENT PROGRAM       20.1017/07's Pottosin         32.       GR-3538'       23.       PROPOSED CASING AND CEMENT PROGRAM         43.4       WC40, 11.34       428       850'       470 SACKS - CIRCULATE         14.34       WC40, 11.34       428       850'       470 SACKS - CIRCULATE         77/8       WC50, 158, 5       15.58       7200'       1115 SACKS - CIRCULATE         77/8       WC50, 158, 5       15.58       7200'       1115 SACKS - CIRCULATE         71/8       WC50, 158, 5       15.58       7200'       1115 SACKS - CIRCULATE         71/8       WC50, 158, 5       15.58       7200'       1115 SACKS - CIRCULATE         71/8       WC50, 158, 5       15.58       7200'       1115 SACKS - CIRCULATE         71/8       WC50, 158, 5       15.58       7200'       1115 SACKS - CIRCULATE         71/4       INTERMEDIATE       CASING - 300 SACKS 3565 PO2 CLASS H w% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S), F/B 100         SACKS CLASS H w/1% CACL2 (15.6 PPG, 1.19 CF/S, 5.2 GW/S),       APPID2151, 10.1 GW/S), F/B 105 SAC	Lease Line, Ft. (also to nea	rest drig. unit line, if any)	330'	281		40		
GR-3538*       21. PROPOSED CASING AND CEMENT PROGRAM       21. If CITY'S POTUSE:         323       PROPOSED CASING AND CEMENT PROGRAM       21. If CITY'S POTUSE:         324       950°       470 SACKS - CIRCULATE         11       WC50, 856       328       410°         11       WC50, 856       328       410°         11       WC50, 856, 5       15.58       720°         11.15 SACKS - CIRCULATE       111       WC50, 856, 5       15.58         12.7778       WC50, 256, 5       15.58       720°         11.15 SACKS - CIRCULATE       111       WC50, 856, 5       15.58         11.15 SACKS - CIRCULATE       111       WC50, 856, 5       15.58         12.78, 8.3 GW(S).       WC50, 256, 5       15.58       720°         11.15 SACKS - CIRCULATE       111       WC50, 52 GW(S).       F/B 100 SACKS CLASS C W 4% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW(S). F/B 200 SACKS 30/65 POZ CLASS H W 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW(S). F/B 100 SACKS CLASS H W 2% CAL2 (15.6 PPG, 1.90 CALSS H W 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW(S). F/B 100 SACKS 0.04 SS 505 POZ CLASS H W 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW(S). F/B 100 SACKS 0.04 SS 0.04 SS 0.05 POZ CLASS H W 2% GEL (5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW(S). F/B 100 SACKS 0.04 SS 0.05 POZ CLASS H W 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW(S). F/B 100 SACKS 0.04 SS 0.					20. Rotary or Ca		RY	
23.       PROPOSED CASING AND CEMENT PROGRAM       Deficitiv's Potas:         state of HoLE       GRADE, Size OF CASING       WEIGHT PER FOOT       SETTING DEPTH       QUANTITY OF CEMENT         14 3/4       WC40, 11 3/4       428       850°       470 SACKS - CIRCULATE         11       WC50, 1856, 5       15.58       1700       11650 SACKS - CIRCULATE         11       WC50, 1856, 5       15.58       7200       11115 SACKS - CIRCULATE         CEMENTING PROGRAM:       SURFACE CASING - 300 SACKS CLASS C W 4% GEL, 2% CACL2 (13.5 PPG, 1.74 CF/S, 9.1 GW/S), F/B 170 SACKS CLASS C w 2% CACL2 (14.8 PFG, 1.34 CF/S, 10.3 GW/S), F/B 200 SACKS CLASS H W 4% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S), F/B 200 SACKS CLASS H W 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S), F/B 100 SACKS CLASS H W 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S), F/B 100 SACKS CLASS H W 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S), F/B 100 SACKS CLASS H W 2% CACL2 (15.8 PPG, 1.19 CF/S, 5.2 GW/S).         DV TOOL @ 2800° - 2nd STAGE: 900 SACKS 35/65 POZ CLASS H W 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S), F/B 100 SACKS CLASS H W 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S), F/B 100 SACKS CLASS 4W 2% CACL2 (15.8 PPG, 1.19 CF/S, 5.2 GW/S).         PRODUCTION CASING - 950 SACKS 35/65 POZ CLASS H W 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S), F/B 100 SACKS CLASS H W 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S), F/B 100 SACKS CLASS H W 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S), F/B 100 SACKS CLASS H W 2% GEL, 5% SA	21.Elevations (Show wheth		-3538'	• • • • • • • • • • • •	· · · ·	22. Approx.		
SIZE OF HOLE         GRADE, SIZE OF CASING         WEIGHT PER FOOT         SETTING DEPTH         QUANTITY OF CEMENT           14 3/4         WC40, 11 3/4         42#         850"         470 SACKS - CIRCULATE           11         WC50, 8 5 //8         32#         4100"         1650 SACKS - CIRCULATE           11         WC50, 8 5 //8         32#         4100"         1105 SACKS - CIRCULATE           11         WC50, 8 5 //8         32#         4100"         1105 SACKS - CIRCULATE           11         WC50, 8 5 //8         32#         4100"         1105 SACKS - CIRCULATE           11         WC50, 8 5 //8         32#         4100"         1105 SACKS - CIRCULATE           11         WC50, 8 5 //8         32#         100"         1105 SACKS - CIRCULATE           2007 FOR, 6 3 GW/3)         SURFACE CASING - 300 SACKS CLASS C W 4% GEL, 2% CACL2 (13.5 PPG, 1.74 CF/S, 9.1 GW/S). F/B 100 SACKS CLASS H W 1% GCL2 (15.6 PPG, 1.19 CF/S, 10.1 GW/S). F/B 100 SACKS CLASS H W 1% GCL2 (15.6 PPG, 1.19 CF/S, 2.5 GW/S).         NTERMEDIATE CASING - 450 SACKS 35/65 POZ CLASS H W 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 100 SACKS CLASS H W 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 100 SACKS CLASS H W 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 100 SACKS CLASS H W 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 100 SACKS CLASS H W 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 100 SACKS CLAS	23.		PROPOSED CAS	ING AND CEMENT PRO	GRAM	⊥ ⊴ratar <b>v</b> ′		
11       WCS0, 5 %       328       4100"       1650 SACKS - CIRCULATE         778       WCS0, 5 %       328       4100"       1650 SACKS - CIRCULATE         778       WCS0, 5 %       328       7200"       1115 SACKS - CIRCULATE(TTE BACK)         CEMENTING PROGRAM:       SURFACE CASING - 300 SACKS SCIASS C W/ 4% GEL, 2% CACL2 (13.5 PPG, 1.74 CF/S, 9.1 GW/S). F/B 170 SACKS CLASS C W/ 2% CACL2 (14.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 200 SACKS CASING - 450 SACKS 35/65 POZ CLASS H w/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 100 SACKS CLASS H w/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 100 SACKS CLASS H w/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 100 SACKS CLASS H w/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 100 SACKS CLASS H w/ 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 100 SACKS CLASS H w/ 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 100 SACKS CLASS H w/ 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 100 SACKS CLASS H w/ 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 100 SACKS CLASS H w/ 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 100 SACKS CLASS H w/ 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 100 SACKS CLASS H w/ 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 100 SACKS CLASS H w/ 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 100 SACKS CLASS H w/ 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 100 SACKS CLASS H w/ 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 100 SACKS CLASS H w/ 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 100 SACKS CLASS H w/ 2%	SIZE OF HOLE	GRADE, SIZE OF CASING						
Trice       Trice <th< td=""><td>14 3/4</td><td>WC40, 11 3/4</td><td>42#</td><td>850'</td><td>470 SACKS -</td><td>CIRCULATE</td><td>**<u>-</u></td></th<>	14 3/4	WC40, 11 3/4	42#	850'	470 SACKS -	CIRCULATE	** <u>-</u>	
CEMENTING PROGRAM: SURFACE CASING - 300 SACKS CLASS C w/ 4% GEL, 2% CACL2 (13.5 PPG, 1.74 CF/S, 9.1 GW/S). F/B 170 SACKS CLASS C w/ 2% CACL2 (14.8 PPG, 1.34 CF/S, 6.3 GW/S). INTERMEDIATE CASING - 450 SACKS 35/65 POZ CLASS H w/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 200 SACKS CLASS H w/ 1% CACL2 (15.6 PPG, 1.18 CF/S, 5.2 GW/S). DV TOOL @ 200 - 2nd STAGE: 900 SACKS 35/65 POZ CLASS H w/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 100 SACKS CLASS H w/ 2% CACL2 (15.6 PPG, 1.19 CF/S, 5.2 GW/S). PODUCTION CASING - 950 SACKS 35/65 POZ CLASS H w/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 165 SACKS 50/50 POZ CLASS H w/ 2% GEL, 5% SALT, 1/4# FLOCELE (14.2 PPG, 1.35 CF/S, 6.3 GW/S). THERE ARE NO OTHER OPERATORS IN THIS QUARTER QUARTER SECTION. PLEASE NOTE: THE FLOWLINE ON EXHIBIT 'A' WAS MOVED AFTER THE 'NOTICE OF STAKING' WAS FILED 6/22/95 BECK USE OF ARCHEOLOGICAL SITES FOUND BY PECOS ARCHEOLOGICAL CONSULTANTS. 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 periment data on subsurface locations and measured true verticle depths. Give blowout preventer program, if any. 24. Interest and compare SIGNATURE C. Wade Howard (The spece to fader or Bate office and compare SIGNATURE C. Wade Howard (The spece to fader or Bate office and compare SIGNATURE C. Wade Howard (The spece to fader or Bate office and compare PERMIT NO. APPROVAL DATE APPROVAL DATE APPROVAL DATE SIGNATURE C. Wade Howard (The spece to fader or generat ro control that the applicant hode legal or equitable tits to tense rights in the subject lease which would entite the applicant to conduct operations thereon. APPROVAL DATE APPROVAL DATE SIGNATURE C. Wade Howard Title 18 U.S.C. Section 1001, makes is a crime for any person knowingly and willfully to make to any department or agency of the United States any false,	11	WC50, 8 5/8	32#	4100'	1650 SACKS	- CIRCULATE	· · · · · · · · ·	
SURFACE CASING - 300 SACKS CLASS C W/ 4% GEL, 2% CACL2 (13.5 PPG, 1.74 CF/S, 9.1 GW/S). F/B 170 SACKS CLASS C W/ 2% CACL2 (14.8 PPG, 1.34 CF/S, 6.3 GW/S). INTERMEDIATE CASING - 450 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 200 SACKS CLASS H W/ 1% CACL2 (15.6 PPG, 1.18 CF/S, 5.2 GW/S). PV TOOL Q 2007 - 2nd STAGE: 900 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 100 SACKS CLASS H W/ 2% CACL2 (15.6 PPG, 1.19 CF/S, 5.2 GW/S). PRODUCTION CASING - 950 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 165 SACKS S0/50 POZ CLASS H W/ 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 165 SACKS S0/50 POZ CLASS H W/ 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 165 SACKS S0/50 POZ CLASS H W/ 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 165 SACKS D100 CASING - 950 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 165 SACKS S0/50 POZ CLASS H W/ 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 165 SACKS D100 CASING - 950 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 165 SACKS S0/50 POZ CLASS H W/ 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 165 SACKS D2 CLASS H W/ 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 165 SACKS D2 CLASS H W/ 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 165 SACKS D2 CLASS H W/ 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 165 SACKS D2 CLASS H W/ 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 165 SACKS D2 CLASS H W/ 2% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.1 GW/S). F/B 100 THERE ARE NO OTHER OPERATORS IN THIS QUARTER QUARTER SECTION. D2 EVERAL KEQUIREMENTS D4 E GUIRE METHOD SA CHECOLOGICAL CONSULTANTS. IN Above Space Describe Proposed Program: f proposal is to de	7 7/8	WC50,LS65, 5	15.5#	7200'	1115 SACKS	- CIRCULATE	(TIE BACK)	
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 true verticle depths. Give blowout preventer program, if any.          24. I hareby certify that the foregoing is true and connect       TITLE       Eng. Assistant       DATE       6/29/95         24. I hareby certify that the foregoing is true and connect       TITLE       Eng. Assistant       DATE       6/29/95         TYPE OR PRINT NAME       C. Wade Howard       TITLE       APPROVAL DATE         PERMIT NO.	PPG, 1.34 CF/S, 6.3 GW INTERMEDIATE CASIN SACKS CLASS H W/ 1% DV TOOL @ 2800' - 2nd SACKS CLASS H W/ 2% PRODUCTION CASING 50/50 POZ CLASS H W/ THERE ARE NO OTHE! PLEASE NOTE: THE FL	//S). G - 450 SACKS 35/65 POZ CACL2 (15.6 PPG, 1.18 C STAGE: 900 SACKS 35/6 CACL2 (15.6 PPG, 1.19 C - 950 SACKS 35/65 POZ 2% GEL, 5% SALT, 1/4# F R OPERATORS IN THIS C OWLINE ON EXHIBIT 'A'	Z CLASS H w/ 6% GEL F/S, 5.2 GW/S). 55 POZ CLASS H w/ 6 F/S, 5.2 GW/S). CLASS H w/ 6% GEL, CLOCELE (14.2 PPG, 1 QUARTER QUARTER WAS MOVED AFTER	., 5% SALT, 1/4# FLOCELE ( % GEL, 5% SALT, 1/4# FLO( 5% SALT, 1/4# FLOCELE (1) .35 CF/S, 6.3 GW/S). SECTION. THE 'NOTICE OF STAKING	12.8 PPG, 1.94 CF CELE (12.8 PPG, 1 2.8 PPG, 1.94 CF/	F/S, 10.1 GW 1.94 CF/S, 10 S, 10.1 GW/ A2PROVAL GENERAL SPECIAL	IIIS). F/B 200 D.1 GW/S). F/B 100 S). F/B 165 SACKS SURTECT TO REQUIREMENTS A STIPULATIONS E OF	
SIGNATURE       C. Wade Howard       TITLE       Eng. Assistant       DATE       6/29/95         TYPE OR PRINT NAME       C. Wade Howard       C. Wade Howard       6/29/95         (This space for Federal or State office use)       PERMIT NO	In Above Space Describe F	Proposed Program: if proposal	is to deepen, give data or	) present productive zone and no	pposed new producti preventer program, if	ve zone if om		
(This space for Federal or State office use)         PERMIT NO			TITLE E	ng. Assistant		DATE	6/29/95	
PERMIT NO	TYPE OR PRINT NAME	C. Wade I	Howard					
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. APPROVED BYS/ G./BEAT J. LUCEAD TITLE ACTING STATE LIFECTOK DATE 8-22-95 CONDITIONS OF APPROVAL, IF ANY: Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	(This space for Federal or State office	1 UBB)	·····					
APPROVED By 5/6/bert J. Lucero TITLE ACTING STATE LIFECTOR DATE 8-22-95         CONDITIONS OF APPROVAL, IF ANY:         Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.					• • • • • •			
representations as to any matter within its jurisdiction,	APPROVED BY	ilbert J. Luc	/				_	
	Title 18 U.S.C. Section 1001, m representations as to any matter	akes it a crime for any person kno er within its jurisdiction.	wingly and willfully to make to	o any department or agency of the Un	ited States any false, fic	titious or fraudul	ent statements or	
							DeSotoMohole 10-04 ver 2 0	

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DISTRICT 1 P. O. Box 1980, Hobbs, NN 88240

DISTRICT II P. O. Drawer DD, Artesia, NM 88210

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV P. O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994

Instructions on back

# OIL CONSERVATION DIVISION

PO Box 2088 Santa Fe, NM 87504-2088

Submit to Appropriate District Office

State Lease-4 copies Fee Lease-3 copies

AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

30-02	Number	7081	21	2Pool Code	$\mathbf{r}$				<sup>3</sup> Pool Na	me		
Property Code		33081 41540 Lusk Delaware, West Sproperty Name Well Number										
10935 70grid No.		Federal USA "f" 2							2			
99321				TEXACO			& PRODUCTION	INC.				* Elevation 3538'
UL or lot no.	Section	Township	Range	Lot Idn		lace L	ocation			······································		
В	31	19-S	32-E		330		North/South line North	Feet fro		East/Wes East		<sup>7</sup> County Lea
UL or lot no.	Section		<u> </u>	ottom Ho			Different From				, 	
	Section	Township	Range	Lot Idn	Feet fron	n the	North/South line	Feet fro	m the	East/Wes	st line	<sup>7</sup> County
<sup>12</sup> Dedicated Acres 40	13 Jo	int or Infill	<sup>1</sup> Consolic	lation Code	<sup>16</sup> Order No	).				<u> </u>		l
NO ALLO	WABLE	WILL BE OR	ASSIGNE A NON-		40 A	AS BE	UNTIL ALL INTE EN APPROVED	ERESTS F BY THE	DIVISIOI cont best Signa Printe C. Positi En Comp Tey Date Jur Signat Signat Profes	N. 'OPERATOF I hereby cer alned herein is of my knowler ture <u>C.</u> Wade Name Wade How an gineer's As any (aco Expl. 18 SURVEYOF reby certify t his plat was plat al surveys mad rvision, and this ect to the be	R CER true and dge and vard ssistan & Pro 95 R CER hat the st of my 95 95 95 95	TIFICATION t the information id complete to the belief. 
0 330 660	990	1320 1650	1980 23								•	
		·		10 2640		150	0 1000 5	00 (	Sheet	<u>8 of 8</u>		

#### DRILLING PROGRAM

#### FEDERAL (USA) "I" WELL NO. 2

#### SURFACE DESCRIPTION:

This well is in an area known as the Querecho Plains. The Querecho Plains occurs in a region which is typified by undulating landforms which possesses both stabilized and unstabilized sand dunes, mesquite anchored-hummocks and hills. Vegetation consists mainly of shin oak, mesquite, sand sage, broom-snake weed, and range grasses.

FORMATION TOPS: Estimated KB Elevation: 3548'

<u>Formation</u>	<u>Depth</u>	<u>Lithology</u>	<u>Fluid Content</u>
Rustler	835'	Anhydrite, Salt	
Tansill	2520'	Dolomite	
Yates	2585'	Sand, Dolomite	Oil/Gas
Capitan Reef	2825'	Limestone, Dolo	
Delaware (Cherry Canyon)	4395'	Sandstone, Shale	Oil/Gas
Brushy Canyon- Pay	6690 <b>'</b>	Sandstone, Shale	Oil/Gas
Bone Spring	7148'	Limestone	

The base of the salt section is found around 2520'. No abnormal pressures or temperatures are anticipated to be encountered in this well. H2S is possible in this well. H2S RADIUS OF EXPOSURE: 100ppm = 19 feet, 500ppm = 9 feet, based on 400ppm and 180 mcf. (See attached H2S Drilling Operations Plan. H2S equipment to be operational prior to drilling out Surface Casing Shoe.)

#### PRESSURE CONTROL EQUIPMENT:

A 3000 psi Dual Ram typy preventer with rotating head will be used. (See Exhibit C). We do not plan to have an annular preventer. We will be able to achieve full closure of the well with the double ram preventer. It will be installed after surface casing is set. BOP will be tested each time is is installed on a casing string and at least every 29 days, and operated at least once each 24-hour perion during drilling.

BOP's on this well will not be tested by an independent service company since it will be drilled immediately following the Federal (USA) "J" Well No. 4. We will test the BOP and all components of the well control system with the rig pump.

A PVT system will not be installed. We will be drilling thru the reserve pit and will circulate the steel pits one hour each tour to check for gains and losses and will be noted on the driller's log, which is Texaco's policy.

We do not plan to run an automatic remote-controlled choke. We will have installed and tested two manual, H2S trimmed, chokes.

### CASING AND CEMENT PROGRAM:

The casing and cementing programs are detailed on Form 3160-3. All casing will be new.

Centralizer Program:

Surface Casing - Centralize the bottom 3 joints and every 4th to surface.

Intermediate Casing - Centralize the bottom 3 joints and above and below the DV tool.

Production Casing - Centralize bottom 600' every 3 joints.

#### MUD PROGRAM:

Depth	Туре	<u>Weight</u>	<u>Viscosity</u>
0'-850'	Fresh Water	8.4	28
850'-4100'	Brine Water	10.0	29
4100'-6900'	Fresh Water	8.4	28
6900'-7200'	FW/Starch	8.4-8.6	29-33

Bottom Hole Pressure at T. D. estimated to be 8.4 PPG EMW.

### LOGGING, TESTING:

GR-CAL-DSN-SDL and GR-CAL-DLL-MSFL surveys will be run.

A two-man Mud Logging Unit will be used from 4100' to 7200'.

No drill stem tests will be conducted.

No cores will be taken.

## DRILLING CONTROL CONDITION II-B 3000 WP

FOR AIR DRILLING OR WHERE NITROGEN OR AIR BLOWS ARE EXPECTED





H2S TRIM REQUIRED

NO

YES

#### DRILLING CONTROL

#### MATERIAL LIST - CONDITION II - B

- A Texaco Wellhead
- B 3000f W.P. drilling spool with a 2" minimum flanged outlet for kill line and 3" minimum flanged outlet for choke line.
- C 3000# W.P. Dual ram type preventer, hydraulic operated with 1" steel, 3000# W.P. control lines (where substructure height is adequate, 2 - 3000# W.P. single ram type preventers may be utilized).
- D Rotating Head with fill up outlet and extended Blocie Line.
- 1,3,4, 2" minimum 30005 W.P. flanged full opening steel gate 7,8, valve, or Halliburton Lo Torc Plug valve.
- 2 2" minimum 3000# W.P. back pressure valve.
- 5,6,9 J<sup>M</sup> minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.
- 12 3" minimum schedule 80, Grade "B", seamless line pipe.
- 13 2" minimum x 3" minimum 3000\$ W.P. flanged cross.
- 10,11 2" minimum 3000\$ W.P. adjustable choke bodies.
- 14 Cameron Mud Gauge or equivalent ( location optional in choke line).
- 15 2" minimum 3000# W.P. flanged or threaded full opening steel gate valve, or Halliburton Lo Torc Plug valve.

					TEXACO, INC.	
SCALE	DATE	EST. NO.	DAG. NO.	}		
					EXHIBIT C	
CHECKED BY-					EXILIBILI O	
APPROVED BY						