5. LEASE

NM 15003

entere e a a este esta esta esta antida de la capación de la capac

UNITED STA DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS (Co not use this form for proposess to drill or to determ or plus backs to a different restrown; but show proposeds by the proposed of th	GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
1. oil gas State SEP 13 1982 2. NAME OF OPERATOR SEP 13 1982 2. NAME OF OPERATOR ARTESIA, OFFICE P.O. Box 1919 - Midland, Texas 79702 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) AT SURFACE: 660 FSL & 1980 'FW]. AT TOP PROD. INTERVAL: Same as above Same as above AT TOTAL DEPTH: Same as above AT TOTAL DEPTH: Same as above Same as above AT TOTAL DEPTH: Same as above Same as above	SUNDRY NOTICES AND REPORTS OF WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different	7. UNIT AGREEMENT NAME	
Cities Service Company ARTESIA OFFICE 3. ADDRESS OF OPERATOR P.O. BOX 1919 - Midland, Texas 79702 4. COCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below) AT SURFACE: 660'FSL & 1980'FWL AT TOP PROD. INTERVAL: Same as above AT TOTAL DEPTH: Same as above 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE. REPORT, OR OTHER DATA REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF FRACTURE TREAT SHOT OR ACIDIZE REPARR WELL PULL OR ALTER CASING (NOTE: Report results of multiple completion or zone change on form 9-30). MULTIPLE COMPLETE 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) O.T.D. 11205' Shale, PBID 11165'. The existing Morrow Perfs 10870 - 11074' were fractured in the following marner: Frac existing Morrow Perfs 10870 - 11074' w/24,000 gals MS frac fluid, 112,000 gals CQ2 (51 tons), 32,000\(\frac{2}{2}\) 20-40 sand and 6000\(\frac{2}{2}\) 20-40 Bauxite in two stages and 5000\(\frac{2}{2}\), ARR 12 BPM, ISIP 3800\(\frac{2}{2}\), 15 min SIP 3100\(\frac{2}{2}\), Recovered load. 72 hr. SITP 3190\(\frac{2}{2}\), Ran 4 pt. tests as follows: TIME CHOKE 1 HR. 5/64" 2 229 MCPD 3141\(\frac{2}{2}\) 578\(\frac{2}{2}\) 1/2 HR. 6/64" 2 229 MCPD 3141\(\frac{2}{2}\) 578\(\frac{2}{2}\) 578\(\frac{2}{2}\) 1/2 HR. 7/64" 343 MCPD 3123\(\frac{2}{2}\) 578\(\frac{2}{2}\) 578\(\frac{2}{2	1. oil	Government AO Com	
3. ADDRESS OF OPERATOR P.O. BOX 1919 - Midland, Texas 79702 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below). AT SUBFACE: 660 PSL & 1980 PWI, AT TOP PROD. INTERVAL: Same as above AT TOTAL DEPTH: Same as above 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE. REPORT, OR OTHER DATA REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF PRACTURE TREAT SHOT OR ACIDIZE REPART WELL OHNOLOGY MULTIPLE COMPLETE 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) O.T.D. 11205' Shale, PBTD 11165'. The existing Morrow Perfs 10870 - 11074' were fractured in the following manner: Frac existing Morrow Perfs 10870 - 11074' w/24,000 gals MS frac fluid, 12,000 gals CO2 (51 tons), 32,000\(\frac{2}{2}\) 20 -40 sand and 6000\(\frac{2}{2}\) 20 -40 Bauxite in two stages and 5000\(\frac{2}{2}\), ARN 4 pt. tests as follows: TIME CHOKE 1 HR, 5/64" 222 MSTD 3153\(\frac{2}{2}\) 315\(\frac{2}{2}\) 315\(\frac{2}{2}\) 3778\(\frac{2}{2}\) 127 HR. 6/64" 274 MSTD 3136\(\frac{2}{2}\) 7578\(\frac{2}{2}\) 128 MSD 4 PROVAL IF ANY: Chick space for Federal or State office use) APPROVED BY CONDITIONS OF APPROVAL IF ANY: TITLE CHOKE 1 HR. 5/64" 1 1/2 HR. 6/64" 1 274 MSTD 3136\(\frac{2}{2}\) 7578\(\frac{2}{2}\) 7578\(\frac	Cities Service Company / U.C. D.		
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) AT SURFACE: 660'FSL & 1980'FWL AT 10P PROD. INTERVAL: Same as above AT 10TAL DEPTH: Same AS ADVA D	3. ADDRESS OF OPERATOR	tindesignated Morrow &	
AT SURFACE: 660'FSL & 1980'FWL AT TOP PROD. INTERVAL: Same as above AT TOTAL DEPTH: Same as above 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE. REPORT, OR OTHER DATA REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: 15. ELEVATIONS (SHOW DF, KDB, AND WD) 3285 GR (SHOW DF, KDB,	4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA	
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 15. ELEVATIONS (CHOW DF, KDB, AND WD) 3285' GR 16. CHECK APPROPAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL REPAIR WEL	AT SURFACE: 660'FSL & 1980'FWL AT TOP PROD. INTERVAL: Same as above	Eddy New Mexico	
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF	16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	30 015 24032	
TEST WATER SHUT-OFF	,	15. ELEVATIONS (SHOW DF, KDB, AND WD) 3285' GR	
MULTIPLE COMPLETE CHANGE ZONES ABANDON* (other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* O.T.D. 11205' Shale, PBID 11165'. The existing Morrow Perfs 10870 - 11074' were fractured in the following manner: Frac existing Morrow Perfs 10870 - 11074' w/24,000 gals MS frac fluid, 12,000 gals CO2 (51 tons), 32,000# 20-40 sand and 6000# 20-40 Bauxite in two stages and 5000# 10 mesh sand in 5000 gals gelled EW between stages. Max press 7700#, min press 6000#, AIR 12 BPM, ISIP 3800#, 15 min SIP 3100#. Recovered load. 72 hr. SITP 3190#. Ran 4 pt. tests as follows: TIME CHOKE GR FTP 1 HR. 4/64" 222 MCFD 3153# 578# 1 HR. 5/64" 249 MCFD 3141# 578# 1/2 HR. 6/64" 274 MCFD 3136# 578# 1/2 HR. 7/64" 343 MCFD 3123# 578# Subsurface Safety Valve: Manu. and Type Choke Green Green of Federal or State office use) (This space for Federal or State office use) APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	TEST WATER SHUT-OFF		
including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* O.T.D. 11205' Shale, PBTD 11165'. The existing Morrow Perfs 10870 - 11074' were fractured in the following manner: Frac existing Morrow Perfs 10870 - 11074' w/24,000 gals MS frac fluid, 12,000 gals CO2 (51 tons), 32,000# 20-40 sand and 6000# 20-40 Bauxite in two stages and 5000# 10 mesh sand in 5000 gals gelled BW between stages. Max press 7700#, min press 6000#, AIR 12 BPM, ISIP 3800#, 15 min SIP 3100#. Recovered load. 72 hr. SITP 3190#. Ran 4 pt. tests as follows: TIME CHOKE GR FTP 1 HR. 4/64" 222 MCFD 3153# 578# 1 HR. 5/64" 249 MCFD 3141# 578# 1/2 HR. 6/64" 274 MCFD 3136# 578# 1/2 HR. 6/64" 343 MCFD 3123# 578# Subsurface Safety Valve: Manu. and Type TITLE Reg. Opr. Mgr. DATE (This space for Federal or State office use) (This space for Federal or State office use) APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	CHANGE ZONES	The following the first state of	
Frac existing Morrow Perfs 10870 - 11074' w/24,000 gals MS frac fluid, 12,000 gals CO2 (51 tons), 32,000# 20-40 sand and 6000# 20-40 Bauxite in two stages and 5000# 10 mesh sand in 5000 gals gelled BW between stages. Max press 7700#, min press 6000#, AIR 12 BPM, ISIP 3800#, 15 min SIP 3100#. Recovered load. 72 hr. SITP 3190#. Ran 4 pt. tests as follows: TIME CHOKE GR FTP BP. 1 HR. 4/64" 222 MCFD 3153# 578# 1 HR. 5/64" 249 MCFD 3141# 578# 1/2 HR. 6/64" 274 MCFD 3136# 578# 1/2 HR. 7/64" 343 MCFD 3123# 578# Subsurface Safety Valve: Manu. and Type Set @ Ft. 18. I hereby certify that the foregoing is true and correct Prod. SIGNED TITLE Reg. Opr. Mgr. — DATE 9-10-82 Choice by Conditions of APPROVAL IF ANY:	including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*		
CO2 (51 tons), 32,000# 20-40 sand and 6000# 20-40 Bauxite in two stages and 5000# 10 mesh sand in 5000 gals gelled BW between stages. Max press 7700#, min press 6000#, AIR 12 BPM, ISIP 3800#, 15 min SIP 3100#. Recovered load. 72 hr. SITP 3190#. Ran 4 pt. tests as follows: TIME CHOKE GR FTP 1 HR. 4/64" 222 MCFD 3153# 578# 1 HR. 5/64" 249 MCFD 3141# 578# 1/2 HR. 6/64" 274 MCFD 3136# 578# 1/2 HR. 7/64" 343 MCFD 3123# 578# Subsurface Safety Valve: Manu. and Type Set @ Ft. 18. I hereby certify that the foregoing is true and correct Prod. SIGNED TITLE Reg. Opr. Mgr.— DATE 9-10-82 Choolitions of Approval IF ANY:			
TIME CHOKE GR FTP 1 HR. 4/64" 222 MCFD 3153# 578# 1 HR. 5/64" 249 MCFD 3141# 578# 1/2 HR. 6/64" 274 MCFD 3136# 578# 1/2 HR. 7/64" 343 MCFD 3123# Subsurface Safety Valve: Manu. and Type Set @ TITLE Reg. Opr. Mgr. — DATE APPROVED BY CONDITIONS OF APPROVAL, IF ANY: TITLE DATE CONDITIONS OF APPROVAL, IF ANY:	CO ₂ (51 tons), 32,000# 20-40 sand and 6000# 20-40 Bauxite in two stages and 5000# 100 mesh sand in 5000 gals gelled BW between stages. Max press 7700#, min press 6000#, AIR 12 BPM, ISIP 3800#, 15 min SIP 3100#. Recovered load. 72 hr. SITP 3190#.		
1/2 HR. 7/64" Subsurface Safety Valve: Manu. and Type Set @ Ft. 18. I hereby certify that the foregoing is true and correct SIGNED TITLE Reg. Opr. Mgr. — DATE TITLE Reg. Opr. Mgr. — DATE ONDITIONS OF APPROVAL, IF ANY:	1 HR. 4/64" 222 MCFD 1 HR. 5/64" 249 MCFD		
TITLE Reg. Opr. Mgr DATE 9-10-82 (This space for Federal or State office use) APPROVED BY TITLE DATE CONDITIONS OF APPROVAL, IF ANY:	1/2 HR. 7/64" 343 MCFD	3123# 578# ***	
(This space for Federal or State office use) APPROVED BY			
APPROVED BY TITLE DATE			
CONDITIONS OF APPROVAL, IF ANY:	그는 그		
	CONDITIONS OF APPROVAL IF ANY:	ICETD	

*See Instructions on Reverse Side