UNITED STATES     DEPARTMENT OF THE INTERIOR     SUPPARTMENT OF THE INTERIOR     GEOLOGICAL SURVEY     SUNDRY NOTICES AND REPORTS ON WELLS     COLSPANS FOR POPORALS to drill or to deepen or plug back to a different reservoir, take form 9-331-C for such proposals.     1. oil gas     Well colspanse     1. oil gas     Well colspanse     2. NAME OF OPERATOR	Form 9–331 Dec. 1973	Drawer DD Artesia, NM	5. COMMISSION [ 88210		n Approved. get Bureau No. 42–R1424
GEOLOGICAL SURVEY     GEOLOGICAL SURVEY     SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals.)     COLSPAND     (Do not use this form for proposals.)     1. oil   gas     1. oil   gas     well   other     2. NAME OF OPERATOR HCW Exploration, Inc.   9. WELL NO.     3. ADDRESS OF OPERATOR HCW Exploration, OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)   10. FIELD OR WILDCAT NAME     4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)   10. SEC. 1.22-S, R-28-E     12. COUNTY OR PARISH AT TOTAL DEPTH:   760' FSL & 660' FWL AT TOTAL DEPTH:   13. STATE Eddy     14. API NO.   IS. ELEVATIONS (SHOW DF, KDB, AND WD) 3082' G.L.     15. ELEVATIONS (SHOW DF, KDB, AND WD) 3082' G.L.   3082' G.L.     REQUEST FOR APPROVAL TO: TEST WATER SHUT-OFF   SUBSEQUENT REPORT OF:     REPAIR WELL PULL OR ALTER CASING   Image: State of multiple completion or zone PULL OR ALTER CASING     MULTIPLE COMPLETE CHANGE ZONES   Image: State of the state of					
SUNDRY NOTICES AND REPORTS ON WELLS     Doe not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)     1. oil (X) gas well other     2. NAME OF OPERATOR HCW Exploration, Inc.     3. ADDRESS OF OPERATOR P. O. Box 10585, Midland, Texas 79702     4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)     AT SURFACE: 760' FSL & 660' FWL     16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA     16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA     16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA     17. UNIT AGREEMENT NAME     10. FIELD OR WILDCAT NAME     11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA     Sec. 26, T-22-S, R-28-E     12. COUNTY OR PARISH     13. STATE     14. API NO.     15. ELEVATIONS (SHOW DF, KDB, AND WD)     3082' G.L.     15. ELEVATIONS (SHOW DF, KDB, AND WD)     3082' G.L.     15. TEST WATER SHUT-OFF     16. CHECK APPROVAL TO:     17. SUBSEQUENT REPORT OF:     18. ELEVATIONS (SHOW DF, KDB, AND WD)     3082' G.L.     1981     1981     1981	DEPARTMENT	OF THE INTERIC	DR l	NM-19842	·
SUNDRY NUTLES AND REPORTS ON WELLS     Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use form 9-331-C for such proposals.)     1. oil well   gas well     1. oil well   gas well     0. other   0. C. D.     2. NAME OF OPERATOR HCW Exploration, Inc.   9. WELL NO.     3. ADDRESS OF OPERATOR HCW Exploration, OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) At SURFACE: 760' FSL & 660' FWL AT TOTAL DEPTH: 760' FSL & 660' FWL AT TOTAL DEPTH: 760' FSL & 660' FWL   10. FIELD OR WILDCAT NAME Wildcat     16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA   Sec. 26, T-22-S, R-28-E     12. COUNTY OR PARISH AT TOTAL DEPTH: 760' FSL & 660' FWL   13. STATE Eddy     16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA   New Mexico     16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA   New Mexico     17. TEST WATER SHUT-OFF   X     18. ELEVATIONS (SHOW DF, KDB, AND WD) 3082' G.L.     19. DEC 1 5 1981   Implement on form 9-330.)     MULTIPLE COMPLETE   X     CHANGE ZONES   ABANDON*	GEOLOG	ICAL SURVEY		6. IF INDIAN, ALLOTTE	E OR TRIBE NAME
1. oil well well other   0. C. D.     2. NAME OF OPERATOR HCW Exploration, Inc.   9. WELL NO.     3. ADDRESS OF OPERATOR HCW Exploration, Inc.   10. FIELD OR WILDCAT NAME Wildcat     3. ADDRESS OF OPERATOR HCW Exploration, Inc.   10. FIELD OR WILDCAT NAME Wildcat     4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) At surface: 760' FSL & 660' FWL At TOP PROD. INTERVAL: 760' FSL & 660' FWL AT TOTAL DEPTH: 760' FSL & 660' FWL     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     SHOOT OR ACIDIZE     REPAIR WELL     PULL OR ALTER CASING     MULTIPLE COMPLETE     COLL & GAS	(Do not use this form for proposals to drill or to deepen or plug back to a different				DEC 01 130
1. Office weil weil other   9. WELL NO.   ARTESLA. OFFICE     2. NAME OF OPERATOR HCW Exploration, Inc.   9. WELL NO.   ARTESLA. OFFICE     3. ADDRESS OF OPERATOR P. O. Box 10585, Midland, Texas 79702   10. FIELD OR WILDCAT NAME Wildcat   11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA     4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) AT SURFACE: 760' FSL & 660' FWL AT TOP PROD. INTERVAL: 760' FSL & 660' FWL AT TOTAL DEPTH: 760' FSL & 660' FWL   11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA     5. C. 26, T-22-S, R-28-E   12. COUNTY OR PARISH New Mexico   13. STATE Eddy     16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA   15. ELEVATIONS (SHOW DF, KDB, AND WD) 3082' G.L.     17. TEST WATER SHUT-OFF   X     FRACTURE TREAT   X     SHOOT OR ACIDIZE   X     REPAIR WELL   X     PULL OR ALTER CASING   X     MULTIPLE COMPLETE   X     CHANGE ZONES   ABANDON*					·····
2. NAME OF OPERATOR HCW Exploration, Inc.   1   1     3. ADDRESS OF OPERATOR P. O. Box 10585, Midland, Texas 79702   10. FIELD OR WILDCAT NAME Wildcat     4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) AT SURFACE: 760' FSL & 660' FWL AT TOP PROD. INTERVAL: 760' FSL & 660' FWL   11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 26, T-22-S, R-28-E     12. COUNTY OR PARISH AT TOP PROD. INTERVAL: 760' FSL & 660' FWL   13. STATE Eddy     16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA   15. ELEVATIONS (SHOW DF, KDB, AND WD) 3082' G.L.     16. CHECK APPROVAL TO: SUBSEQUENT REPORT OF:   SUBSEQUENT REPORT OF:     17. TEST WATER SHUT-OFF FRACTURE TREAT   X     18. GEOL WULL OR ALTER CASING   X     MULTIPLE COMPLETE   X     MULTIPLE COMPLETE   X     MULTIPLE COMPLETE   X     ABANDON*   V.S. GEOL & GAS		other			
HCW Exploration, Inc.   10. FIELD OR WILDCAT NAME     3. ADDRESS OF OPERATOR   P. 0. Box 10585, Midland, Texas 79702     4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)   11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA     AT SURFACE: 760' FSL & 660' FWL   Sec. 26, T-22-S, R-28-E     AT TOP PROD. INTERVAL: 760' FSL & 660' FWL   12. COUNTY OR PARISH     AT TOTAL DEPTH: 760' FSL & 660' FWL   New Mexico     16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,   New Mexico     REQUEST FOR APPROVAL TO:   SUBSEQUENT REPORT OF:     TEST WATER SHUT-OFF   SUBSEQUENT REPORT OF:     FRACTURE TREAT   X     PULL OR ALTER CASING   DEC 1 5 1981     MULTIPLE COMPLETE   DEC 1 5 1981     CHANGE ZONES   DIA				1	arteora, citricit
3. ADDRESS OF OPERATOR   Wildcat     P. 0. Box 10585, Midland, Texas 79702   Wildcat     4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)   AT SURFACE: 760' FSL & 660' FWL     AT SURFACE: 760' FSL & 660' FWL   Sec. 26, T-22-S, R-28-E     AT TOP PROD. INTERVAL: 760' FSL & 660' FWL   Sec. 26, T-22-S, R-28-E     AT TOTAL DEPTH: 760' FSL & 660' FWL   II. SEC., T., R., M., OR BLK. AND SURVEY OR AREA     Sec. 26, T-22-S, R-28-E   Sec. 26, T-22-S, R-28-E     I2. COUNTY OR PARISH I3. STATE   Eddy     New Mexico   II. API NO.     I6. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA   SUBSEQUENT REPORT OF:     REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:   SUBSEQUENT REPORT OF:     TEST WATER SHUT-OFF   II. SEC., T., R., M., OR BLK. AND WD)     GEO/OS OF ACIDIZE   II. SEC., T., R., M., OR BLK. AND SURVEY OR     PULL OR ALTER CASING   II. SEC., T., R., M., OR BLK. AND SURVEY OR     MULTIPLE COMPLETE   II. SEC., T., R., M., OR BLK. AND SURVEY OR     OHL & GAS   OIL & GAS		nr /			NAME
P. 0. Box 10585, Midland, Texas 79702     4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) AT SURFACE: 760' FSL & 660' FWL AT TOP PROD. INTERVAL: 760' FSL & 660' FWL AT TOTAL DEPTH: 760' FSL & 660' FWL     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     SHOOT OR ACIDIZE     PULL OR ALTER CASING					
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below.)   AT SURFACE: 760' FSL & 660' FWL     AT TOP PROD. INTERVAL: 760' FSL & 660' FWL     AT TOTAL DEPTH: 760' FSL & 660' FWL     16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA     REQUEST FOR APPROVAL TO:   SUBSEQUENT REPORT OF:     TEST WATER SHUT-OFF   Image: Complete completion or zone     FRACTURE TREAT   Image: Complete completion or zone     SHOOT OR ACIDIZE   Image: Complete completion or zone     PULL OR ALTER CASING   Image: Complete complete completion or zone     MULTIPLE COMPLETE   Image: Complete complete completion or zone     CHANGE ZONES   Image: Complete complete complete completion or zone     ABANDON*   Image: Complete complete completion or zone					BER. AND SURVEY OR
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AT TOP PROD. INTERVAL: 760' FSL & 660' FWL   Eddy   New Mexico     AT TOTAL DEPTH:   760' FSL & 660' FWL   Id. API NO.     16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA   Is. ELEVATIONS (SHOW DF, KDB, AND WD) 3082' G.L.     REQUEST FOR APPROVAL TO:   SUBSEQUENT REPORT OF:     TEST WATER SHUT-OFF   Image: Completion of the completing the completion of the completion of the completion	AT SURFACE 760' FSL	L & 660' FWL			
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REPORT, OR OTHER DATA     REQUEST FOR APPROVAL TO:     SUBSEQUENT REPORT OF:     TEST WATER SHUT-OFF     FRACTURE TREAT     SHOOT OR ACIDIZE     PULL OR ALTER CASING     MULTIPLE COMPLETE     CHANGE ZONES     ABANDON*	AT TOTAL DEPTH: 760	FSL & DOU FI	NL	14. API NO.	
REQUEST FOR APPROVAL TO:   SUBSEQUENT REPORT OF:     TEST WATER SHUT-OFF   Image: Construction of the second se	16. CHECK APPROPRIATE BOX	TO INDICATE NAT	URE OF NOTICE,		
REQUEST FOR APPROVAL TO:   SUBSEQUENT REPORT OF:     TEST WATER SHUT-OFF   Image: Construction of the second se	REPORT, OR OTHER DATA	4		15. ELEVATIONS (SHOW	W DF, KDB, AND WD)
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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.)\*

Moved in completion unit on 11-4-81. GIH w/2 3/8" Tubing to 9656' PBTD. Displaced hole w/2% KCL water. Ran cement bond-correlation log. Perforated Bone Spring formation with 2 JSPF from 7320'-7512' (24 holes). Acidized w/ 3000 gals. 10% MCA-FE + 70 ball sealers. Flowed & swabbed 70 bbls. load water w/final oil cut of 25%. Ran 3½" rental tubing and treating packer. Fracture treatedzone on 11-17-81 w/604 bbls. gelled 2% KCL water + 1,780,000 SCF of nitrogen + 160,000# 20/40 sand. Flowed & swabbed 990 bbls. water w/ final oil cut of 10%. Ran RBP and set at 7002'. Perforated Bone Spring formation with 1 JSPF from 6256'-6746'. Acidized w/5500 gals. 10% MCA-FE + 75 ball sealers. Flowed & Swabbed 126 bbls. load water w/final oil cut of 10%. Fracture treated zone on 12-3-81 w/450 bbls. gelled 2% KCL water + 2,204,000 SCF of nitrogen + 116,000# 20/40 sand + 30,000# 10/20 sand. (Continued on attached

Subsurface Satety Valve Manu and Typ	e	Set @ Ft.
18. I nepeby certify that the Polygonig is		
SIGNED Steve Douglas Steve Do	uglas <sub>TITLE</sub> Division Engineer <sub>DATE</sub>	December 14, 1981
	(This space for Federal or State office use)	
APPROVED EVEDLOGICAL SUBVEY CONDITIONS OF APPROVAL IF ANY	DATE	

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