CHANGE ZONES

(other) Cement Squeeze waterflow

## UNITED STATES

J.	LLITT			
		LC	050906	

DEPARTMENT OF THE INTERIOR	LC 050906	
GEOLOGICAL SURVEY .	6. IF INDIAN, ALLOTTEE OR TRIBE NAME RECEIVED	
SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to deepen or plug back to a different eservoir. Use Form 9–331–C for such proposals.)	7. UNIT AGREEMENT NAME Ballard Grayburges 1944 2 5 198.	
1. oil gas other	9. WELL NO.	
2. NAME OF OPERATOR  Anadarko Production Company /	10. FIELD OR WILDCAT NAME	
3. ADDRESS OF OPERATOR	Loco Hills-Queen-Grayburg-SA	
P. O. Box 67, Loco Hills, New Mexico 88255  4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  8 - 18S - 29E	
AT SURFACE: 960 FNL&1130 FEL Sec.8,T18S,R29E AT TOP PROD. INTERVAL: Same Eddy County, N. M. AT TOTAL DEPTH: Same	12. COUNTY OR PARISH 13. STATE  Eddy New Mexico  14. API NO.	
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD) 3516.1' GT	
SUBSEQUENT REPORT OF:  SUBSEQUENT REPORT OF:  SEST WATER SHUT-OFF  FRACTURE TREAT  SHOOT OR ACIDIZE  PULL OR ALTER CASING  MULTIPLE COMPLETE  CHANGE ZONES  SUBSEQUENT REPORT OF:  SUBSEQUENT REPORT OF:  AUG 24  AUG 24  U.S. GEOLOGIC	1 1981E: Applit results of multiple completion or zone conform 9–330.)	

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.)\*

ROSWELL, NEW MEXICO

- Rigged up Wireline truck; perforated 2 .4" diam. holes @ 1514' KB (No flow). Pumped & BPM @ 3700# - could not establish circulation out braidenhead.
- Halliburton established pump-in rate & pressure @ & BPM @ 3300#. Acidized with 500 gals 15% acid; zone broke down. Measured waterflow rate out braidenhead of approximately 5 BPD. Re-acidized with 500 gals 15% acid. AR&P = & BPM @ 1700%. S I overnight. Re-acidized with 500 gals 15% acid; AR&P = 1 BPM @ 1100# or 3 BPM @ 2000#. No communication to surface. Flow rate out of braidenhead = approximately
- Halliburton cement squeezed perforations @ 1514' KB with 200 sx Class H with 6% gel & tailed-in with 200 sx Class H with 2% CaCL. (Note: George Stewart with USGS okayed cement job via telephone). Displaced cement plug down 41" casing to 1380'. PD @ 2:30 PM 8-5-81. SI = 1100#.

Continued on page 2		
Subsurface Safety Valve: Manu. and Type	Set @	Ft.
18. I hereby certify that the foregoing is true and correct		
SIGNED TITLE AreaSupervisor DATE	mast 21, 1801	
ACCEPTED FOR RECORD (Tels space for Federal or State office use)		
APPROVED BY PETER W. CHESTER TITLE DATE		
SEP 2 3 1981		
U.S. GLOCOCICAL SURVEY		
ROSWALL NEW MEXICO See Instructions on Reverse Side		

N.M.O.C.D. GOPY

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES			
DEPARTMENT	OF	THE	INTERIOR
GEOLOG	ICAL	. SUR	RVEY

SUNDRY NOTICES 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.)

other

P. O. Box 67, Loco Hills, New Mexico 88255

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17

AT SURFACE: 960 FNL&1130 FEL Sec.8, T18S, R29E
AT TOP PROD. INTERVAL: Same Eddy County, N. M.

16. CHECK APPROURIATE BOX TO INDICATE NATURE OF NOTICE,

gas

well

 $\sqcup$ 

Anadarko Production Company

2. NAME OF OPERATOR

3. ADDRESS OF OPERATOR

AT TOTAL DEPTH: Same

REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL

PULL OR ALTER CASING MULTIPLE COMPLETE CHANGE ZONES

ABANDON\*

well

5. LEASE	
LC 050906	•
6. IF INDIAN, ALLOTTEE OR TRIE	BE NAMESCRIVE
7. UNIT AGREEMENT NAME Ballard Grayburg San Andres Un	SEP 25 198
8. FARM OR LEASE NAME	$\overline{O}$ , $\overline{O}$ , $\overline{O}$ ,
Tract No. 5	
9. WELL NO. 15	ARTESIA, Ortici
10. FIELD OR WILDCAT NAME	
Loco Hills-Queen-Gray	burg-SA
11. SEC., T., R., M., OR BLK. AND	SURVEY OR
AREA 8 - 18S - 29E	
12. COUNTY OR PARISH 13. ST	ATE
	Mexico
14. API NO.	TRATEG
15. ELEVATIONS (SHOW DF, KD 3516.1° GI	B, AND WD)
3516.1' GI	

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.)\*

SUBSEQUENT REPORT OF:

Page 2

Halliburton cemented down 8-5/8" surface casing (outside 4½" csg.) with 200 sx Halli-burton Lite with 18# Salt/sx. (Top of primary cement @ 500' & 8-5/8" csg. shoe @ 350'). Over-displaced ½ bbl @ surface to clear braidenhead.

U. S. GEOLOGICAL SURVEY

ROSWELL, NEW MEXICO

4. WOC 72 hours. Rigged up pulling unit

(other) Cement Squeeze waterflow

- 5. Perforated Metex: 2492-2507, 2507-25, 2535-40, 2568-73, 2605-11, 2625-28, & 2634-37 0 1 SPF.

  Perforated Fremier: 2655-58,2671-87 & 2704-12 0 1 SPF. Total holes = 69 .31" Diam.
- 6. Acidized all perfs 2492-2712 w/2500 gals 15% N.E. Acid & 120 BS, overflushed w/100 EFW. AR & P = 6 BPM @ 1325#.

  Continued on page 3... and Time

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18. I hereby o	ertify that the foregoing is true an	d correct	
SIGNED		ITLE Area Supervisor DATE _	August 21, 1981
	PETER W. CHESTERINIS	space for Federal or State office use)	
APPROVED BY	SEP 2 3 1981	TITLE DATE .	
	U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO		

Form 9–331 Dec. 1973	Form Approved. Budget Bureau No. 42–R1424
UNITED STATES	5. LEASE
DEPARTMENT OF THE INTERIOR	LC 050906
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME OF THE PARTY OF THE
SUNDRY NOTICES 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.)	7. UNIT AGREEMENT NAME Ballard Grayburg San Andres Unit SEP 25 1981 8. FARM OR LEASE NAME
1. oil gas other	Tract No. 5 Q. C. D.  9. WELL NO.  ARTESIA, OTHICS
2. NAME OF OPERATOR	15
Anadarko Production Company .	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	Loco Hills-Queen-Grayburg-SA
P. O. Box 67, Loco Hills, New Mexico 88255	11. SEC., T., R., M., OR BLK. AND SURVEY OR
<ol> <li>LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)</li> </ol>	AREA 8 - 18S - 29E
AT SURFACE: 960 FNL&1130 FEL Sec.8, T18S, R29E	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL: Same Eddy County, N. M.	Eddy New Mexico
AT TOTAL DEPTH: Same  16. CHECK APPROFRIATE BOX TO INDICATE NATURE OF NOTICE,	14. API NO.
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
	3516.1 GL
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	
	] <b>('')</b> [[]]
FRACTURE TREAT SHOOT OR ACIDIZE SEPARATION WELL	
KELVIN MEER III VIIG 2	1 1001E: depart results of multiple completion or zone
PULL OR ALTER CASING	1901 Harke on Form 9-330.)
CHANGE ZONES U. S. GEOLOGI	CAL SURVEY
ABANDON*   ROSWELL, N	EW MEXICO
(other) Cement Squeeze waterflow X	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly stating including estimated date of starting any proposed work. If well is a measured and true vertical depths for all markers and zones pertine	directionally drilled, give subsurface locations and
ge <u>3</u>	
Dowell fraced all perfs 2492-2712 in 4 equal s 15% N.E. Acid, 92,000 gals X-linked gel, 9500 loo mesh sand, 130,000% 20/40 sd, 48,000% 8/12 Each stage separated by a temp block of RS & M	gals Waterfrac - 30 gel, 64,000# sd & 165 gals scale inhibitor.
Washed out frac sand.	
Ran 2-3/8" tbg. w/SNOE @ 2835' KB.	
Install production equipment and place well on	pump.
Subsurface Safety Value, Many, and Type	S.4. @
Subsurface Safety Valve: Manu. and Type	Set @ Ft.
18. I hereby certify that the foregoing is true and correct	
/ / 1 1 7	isor DATE August 21, 1981
PETER W. CHESTER for Federal or State of	ffice use)
APPROVED BY CONDITIONS OF APPROVAL, SEARY 3 1981	DATE
COUDITIONS OF ASSERTANT SELECT S 1901	

U.S. GEOLOGICAL SURVEY