USA C. A. McAdams "D" No. 1E 860' FNL x 1550' FWL, Section 20, T27N, R10W San Juan County, New Mexico

## TABULATION OF DEVIATION TESTS

## AMOCO PRODUCTION COMPANY

DEPTH	DEVIATION
650 <b>'</b>	2-1/2°
966'	4 <sup>0</sup>
1340'	3-3/4°
2020 <b>'</b>	2-1/2
2554 <b>'</b>	$1-1/2^{\circ}$
2594 <b>'</b>	1-1/20
3738 <b>'</b>	$1-1/2^{\circ}$
4522 <b>'</b>	10

SEP 2 7 1983
OIL CON. DIV.

## AFFIDAVIT

THIS IS TO CERTIFY that to the best of my knowledge the above tabulation details the deviation tests taken on AMOCO PRODUCTION COMPANY'S USA C. A. McAdams "D" No. 1E.

Signed Toman

Title <u>District Administrative Supervisor</u>

THE STATE OF NEW MEXICO)

COUNTY OF SAN JUAN

SS.

BEFORE ME, the undersigned authority, on this day personally appeared Darrell D. Lawson known to me to be District Administrative Supervisor for Amoco Production Company and to be the person whose name is subscribed to the above statement, who, being by me duly sworn on oath, states that he has knowledge of the facts stated herein and that said statement is true and correct.

SUBSCRIBED AND SWORN to before me, a Notary Public in and for said County and State this 16th day of September , 1983.

Elemen F. Brawn
Notary Public

My Commission Expires: December 28, 1983

SUNDRY NOTICES AND REPORTS ON WELLS  Con out use this form for proposate to drill or to deepen or plug back to a different exercive. Use from \$-331.C for such proposate \$10.00 for well of the well o					
DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY  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 9-313-C for such proposals.)  1. oil gas the well gas other  2. NAME OF OPERATOR 3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, NM 87401  4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below) AT SURFACE: 860' FNL x 1550' FWL. AT TOP PROD. INTERVAL: Same AT TOTAL DEPTH: Same  16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent unduring estimated date of starting any proposed work. If well is directionally drilled, give subsurface lor measured and true vertical depths for all markers and zones pertinent to this work.)  Moved and rigged up rotary rig on 7-24-83. Due to rig repairs, well v spudded until 7-28-83. Drilled a 12-1/4" surface hole to 335' and lar 8-5/8", 24#, K-55 casing at 331'. Cemented with 378 cu.ft. Class "B" containing 2% CaC12. Circulated to surface. Drilled a 7-7/8" hole at a TD of 6385' on 8-10-83. Landed 4-1/2", 10.5#, K-55 casing at 6385' cemented the first stage with 185 cu.ft. Class "B" containing 2% caC12. Circulated to surface. Drilled a 7-7/8" hole at a TD of 6385' on 8-10-83. Landed 4-1/2", 10.5#, K-55 casing at 6385' cemented the first stage with 198 cu.ft. Class "B" 65:35 POZ cement. Tailed stages with 118 cu.ft. Class "B" containing 2% cac12. Released rig on 8-11-83.		,		m Approved. get Bureau No. 42F	₹1424
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 9-331-2 for such proposals well or to deepen or plug back to a different general well of the proposals of the proposal	UNITED STATES				
SUNDRY NOTICES AND REPORTS ON WELLS    Con not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use from \$-331-6 for such proposals.					
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.)  1. oil gas well SS other  2. NAME OF OPERATOR Amoco Production Company 3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, NM 87401 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) AT SURFACE: 860' FNL x 1550' FWL AT TOP PROD. INTERVAL: Same AT TOTAL DEPTH: Same  16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE. REPORT, OR OTHER DATA  REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TERST WATER SHUT-OFF TERST WATER SHUT	GEOLOGICAL SURVEY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
1. oil well gas with IS other  2. NAME OF OPERATOR Amoco Production Company  3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, NM 87401  4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) AT SURFACE: 860' FNL x 1550' FWL. AT TOTAL DEPTH: Same AT TOTAL DEPTH: Same 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertincluding estimated date of staring any proposed work. If well is directionally drilled, give subsurface for measured and true vertical depths for all markers and zones pertinent to this work.)*  Moved and rigged up rotary rig on 7-24-83. Due to rig repairs, well we spudded until 7-28-83. Drilled a 12-1/4" surface hole to 335' and lar 8-5/8", 24#, K-55 casing at 331'. Cemented with 378 cu.ft. Class "B" containing 2% CaCl2. Circulated to surface. Drilled a 7-7/8" hole are a TD of 6385' on 8-10-83. Landed 4-1/2", 10.5#, K-55 casing at 6385' cemented the first stage with 493 cu.ft. Class B 50:50 POZ cement. Cethe second stage with 118 cu.ft. Class "B" 65:35 POZ cement. Tailed stages with 118 cu.ft. Class "B" neat cement and circulated to surface was set at 4570'. Released rig on 8-11-83.	SUNDRY NOTICES AND REPO	RTS ON WELLS			
1. old   Self Well   Other    2. NAME OF OPERATOR Amoco Production Company  3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, NM 87401  4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  AT SURFACE: 860' FNL x 1550' FWI. AT TOP PROD. INTERVAL: Same AT TOTAL DEPTH: Same  16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:  REST WATER SHUT-OFF   SHOULD BE STANDON' SPULL OR ALTER CASING   OTHER PROPERSTORE   OTHER PROPESS   OTHER	eservoir. Use Form 9–331–C for such proposals.)				
2. NAME OF Production Company  3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, NM 87401  4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) AT SURFACE: 860' FNL x 1550' FWL. AT TOP PROD. INTERVAL: Same AT TOTAL DEPTH: Same  16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE. REPORT, OR OTHER DATA  REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: FRACTURE TREAT SHOOT OR ACIDIZE PULL OR ALTER CASING MULTIPLE COMPLETE PULL OR ALTER CASING MULTIPLE COMPLETE CONTROL OF SEMBLE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertincluding estimated date of starting any proposed work. If well is directionally drilled, give subsurface low measured and true vertical depths for all markers and zones pertinent to this work.)  Moved and rigged up rotary rig on 7-24-83. Due to rig repairs, well we spudded until 7-28-83. Drilled a 12-1/4" surface hole to 335' and lar 8-5/8", 24#, K-55 casing at 331'. Cemented with 378 cu.ft. Class "B" containing 2% CaC12. Circulated to surface. Drilled a 7-7/8" hole at a TD of 6385' on 8-10-83. Landed 4-1/2", 10.5#, K-55 casing at 6385' cemented the first stage with 493 cu.ft. Class B 50:50 POZ cement. Ce the second stage with 1655 cu.ft. Class "B" 65:35 POZ cement. Tailed stages with 118 cu.ft. Class "B" neat cement and circulated to surface was set at 4570'. Released rig on 8-11-83.	II			nualis b	
3. ADDRESS OF OPERATOR 3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, NM 87401  4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) AT SURFACE: 860' FNL x 1550' FWL. AT TOP PROD. INTERVAL: Same AT TOTAL DEPTH: Same 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF CHANGE ZONES ABANDON* spud and set casing WILTIPLE COMPLETE CHANGE ZONES ABANDON* spud and set casing Moved and rigged up rotary rig on 7-24-83. Due to rig repairs, well we spudded until 7-28-83. Drilled a 12-1/4" surface hole to 335' and lar 8-5/8", 24#, K-55 casing at 331'. Cemented with 378 cu.ft. Class "B" containing 2% CaCl2. Circulated to surface.  The second stage with 1655 cu.ft. Class "B" 65:35 POZ cement. Tailed stages with 118 cu.ft. Class "B" neat cement and circulated to surface was set at 4570'. Released rig on 8-11-83.	2. NAME OF OPERATOR		·		
3. ADDRESS OF OPERATION  4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  AT SURFACE: 860' FNL x 1550' FWL. AT TOP PROD. INTERVAL: Same AT TOTAL DEPTH: Same  16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: PRACTURE TREAT  SUBJECT OF REPORT OR ACIDIZE  PULL OR ALTER CASING ON MULTIPLE COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent unduring estimated date of starting any proposed work. If well is directionally diffled, give subsurface low measured and true vertical depths for all markers and zones pertinent to this work.)*  Moved and rigged up rotary rig on 7-24-83. Due to rig repairs, well we spudded until 7-28-83. Drilled a 12-1/4" surface hole to 335' and lar 8-5/8", 24#, K-55 casing at 331'. Cemented with 378 cu.ft. Class "B" containing 2% CaCl2. Circulated to surface. Drilled a 7-7/8" hole at a TD of 6385' on 8-10-83. Landed 4-1/2", 10.5#, K-55 casing at 6385' cemented the first stage with 493 cu.ft. Class "B" 65:35 POZ cement. Tailed stages with 118 cu.ft. Class "B" neat cement and circulated to surface was set at 4570'. Released rig on 8-11-83.	Amoco Production Company			NAME	
AT SURFACE: 860' FNL x 1550' FWL, AT TOP PROD. INTERVAL: Same AT TOTAL DEPTH: Same  16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:  TERACTURE TREAT  SUBSEQUENT REPORT OF:  TRACTURE TREAT  SUBSEQUENT REPORT OF:  (NOTE: Report results of multiple demple of the complete of the		n, NM 87401	11. SEC., T., R., M., OR	BLK. AND SURVI	EY OR
AT SURFACE: 860' FNL x 1550' FWL. AT TOP PROD. INTERVAL: Same AT TOPADO. INTERVAL: Same AT JUAN APPINO.  14. APINO. 30-045-25637  15. ELEVATIONS (SHOW DF, KDB, 6014' GL.  16. CHECK APPROPALE INTERVAL: SUBSEQUENT REPORT OF:  17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent including estimated date of starting any proposed work. If well is directionally drilled, give subsurface low measured and true vertical depths for all markers and zones pertinent to this work.)*  Moved and rigged up rotary rig on 7-24-83. Due to rig repairs, well we spudded until 7-28-83. Drilled a 12-1/4" surface hole to 335' and lar 8-5/8", 24#, K-55 casing at 331'. Cemented with 378 cu.ft. Class "B" containing 2% CaCl2. Circulated to surface. Drilled a 7-7/8" hole at a TD of 6385' on 8-10-83. Landed 4-1/2", 10.5#, K-55 casing at 6385' cemented the first stage with 493 cu.ft. Class B 50:50 POZ cement. Cethe second stage with 1655 cu.ft. Class "B" 65:35 POZ cement. Tailed stages with 118 cu.ft. Class "B" neat cement and circulated to surface was set at 4570'. Released rig on 8-11-83.	4. LOCATION OF WELL (REPORT LOCATION		AREA NE/NW, S	Section 20,	T27N, R10
14. API NO.  30-045-25637  15. ELEVATIONS (SHOW DF, KDB, 6014' GL  REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:  TEST WATER SHUT-OFF SHOOT OR ACIDIZE SHOOT OR ALTER CASING SHOW DELTE SHOOT OR SPUD And SET OR SHOOT OF SHOOT OR SPUD AND ALTER CASING SHOW OF SPUD AND ALTER CASING SHOOT OF STORY SHOOT OF SPUD AND ALTER CASING SHOOT OF STORY SHOOT O	AT SURFACE: 860' FNL x 1550' F	WI.	12. COUNTY OR PARIS	H 13. STATE	
REQUEST FOR APPROVAL TO:  SUBSEQUENT REPORT OF:  TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE PULL OR ALTER CASING COMMULTIPLE COMPLETE COMP	AT TOP PROD. INTERVAL: Same			New Mexi	.co
REQUEST FOR APPROVAL TO:  SUBSEQUENT REPORT OF:  REST WATER SHUT-OFF  FRACTURE TREAT  SHOOT OR ACIDIZE  SUBLICATIONS (SHOW DF, KDB, 6014' GL.  (NOTE: Report results of multiple completion of the completion of t		E NATURE OF NOTICE		25637	
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE PULL OR ALTER CASING MULTIPLE COMPLETE CHANGE ZONES ABANDON* souther) spud and set casing Moved and rigged up rotary rig on 7-24-83. Due to rig repairs, well we spudded until 7-28-83. Drilled a 12-1/4" surface hole to 335' and lar spudded until 7-28-83. Drilled a 12-1/4" surface hole to 335' and lar containing 2% CaCl2. Circulated to surface. Drilled a 7-7/8" hole at a TD of 6385' on 8-10-83. Landed 4-1/2", 10.5#, K-55 casing at 6385' cemented the first stage with 493 cu.ft. Class B 50:50 POZ cement. Cet the second stage with 1655 cu.ft. Class "B" cost and circulated to surface was set at 4570'. Released rig on 8-11-83.		E TATORE OF THORIOL,	15. ELEVATIONS (SHO	W DF, KDB, AND	O WD)
MULTIPLE COMPLETE CHANGE ZONES  ABANDON* spud and set casing  17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertineluding estimated date of starting any proposed work. If well is directionally drilled, give subsurface low measured and true vertical depths for all markers and zones pertinent to this work.)*  Moved and rigged up rotary rig on 7-24-83. Due to rig repairs, well we spudded until 7-28-83. Drilled a 12-1/4" surface hole to 335' and lar 8-5/8", 24#, K-55 casing at 331'. Cemented with 378 cu.ft. Class "B" containing 2% CaCl2. Circulated to surface. Drilled a 7-7/8" hole are a TD of 6385' on 8-10-83. Landed 4-1/2", 10.5#, K-55 casing at 6385' cemented the first stage with 493 cu.ft. Class B 50:50 POZ cement. Cettle second stage with 1655 cu.ft. Class "B" 65:35 POZ cement. Tailed stages with 118 cu.ft. Class "B" neat cement and circulated to surface was set at 4570'. Released rig on 8-11-83.	TEST WATER SHUT-OFF  FRACTURE TREAT  SHOOT OR ACIDIZE  REPAIR WELL		(NOTE: Report results of	multiple completion	or zone
ABANDON* spud and set casing  17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinelluding estimated date of starting any proposed work. If well is directionally drilled, give subsurface low measured and true vertical depths for all markers and zones pertinent to this work.)*  Moved and rigged up rotary rig on 7-24-83. Due to rig repairs, well we spudded until 7-28-83. Drilled a 12-1/4" surface hole to 335' and lare 8-5/8", 24#, K-55 casing at 331'. Cemented with 378 cu.ft. Class "B" containing 2% CaCl2. Circulated to surface. Drilled a 7-7/8" hole are a TD of 6385' on 8-10-83. Landed 4-1/2", 10.5#, K-55 casing at 6385' cemented the first stage with 493 cu.ft. Class B 50:50 POZ cement. Cetthe second stage with 1655 cu.ft. Class "B" 65:35 POZ cement. Tailed stages with 118 cu.ft. Class "B" neat cement and circulated to surface was set at 4570'. Released rig on 8-11-83.			change on Form	255 5 F 255 11	
DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent including estimated date of starting any proposed work. If well is directionally drilled, give subsurface low measured and true vertical depths for all markers and zones pertinent to this work.)*  Moved and rigged up rotary rig on 7-24-83. Due to rig repairs, well we spudded until 7-28-83. Drilled a 12-1/4" surface hole to 335' and lar 8-5/8", 24#, K-55 casing at 331'. Cemented with 378 cu.ft. Class "B" containing 2% CaCl2. Circulated to surface. Drilled a 7-7/8" hole are a TD of 6385' on 8-10-83. Landed 4-1/2", 10.5#, K-55 casing at 6385' cemented the first stage with 493 cu.ft. Class B 50:50 POZ cement. Cetthe second stage with 1655 cu.ft. Class "B" 65:35 POZ cement. Tailed stages with 118 cu.ft. Class "B" neat cement and circulated to surface was set at 4570'. Released rig on 8-11-83.	CHANGE ZONES	LJ	P 1 5 983	VIE CO	. 6 . 6
spudded until 7-28-83. Drilled a 12-1/4" surface hole to 335' and lar 8-5/8", 24#, K-55 casing at 331'. Cemented with 378 cu.ft. Class "B" containing 2% CaCl2. Circulated to surface. Drilled a 7-7/8" hole ar a TD of 6385' on 8-10-83. Landed 4-1/2", 10.5#, K-55 casing at 6385' cemented the first stage with 493 cu.ft. Class B 50:50 POZ cement. Ce the second stage with 1655 cu.ft. Class "B" 65:35 POZ cement. Tailed stages with 118 cu.ft. Class "B" neat cement and circulated to surface was set at 4570'. Released rig on 8-11-83.	including actimated date of starting any I	PERATIONS (Clearly stat	irectionally drilled, give s	nd give pertinent ubsurface location	dates, ns and
Subsurface Safety Valve: Manu, and Type Set @	spudded until 7-28-83. Dril 8-5/8", 24#, K-55 casing at containing 2% CaCl2. Circul a TD of 6385' on 8-10-83. I cemented the first stage with the second stage with 1655 c stages with 118 cu.ft. Class	led a 12-1/4" sur 331'. Cemented wated to surface. anded 4-1/2", 10. h 493 cu.ft. Class "B" 6 "B" neat cement	face hole to 335 ith 378 cu.ft. C. Drilled a 7-7/8 5#, K-55 casing as B 50:50 POZ cers: 35 POZ cement.	' and landed lass "B" cen " hole and r at 6385' and ment. Cemer Tailed in	d ment reached d ited both
18. I hereby certify that the foregoing is true and correct  Original Signal By  Diet Adm Supur  9-14-83	Original Signau by.				Ft
SIGNED D.D. LOWSON TITLE DISC. Adm. Supvi. DATE 9-14-05  (This space for Federal or State office use)	D.D. Lawson				<del></del>

ACCEPTED FOR RECORD

SEP 22 1983

NMOCC

FARMINGTON RESUUNDE AREA
BY 63