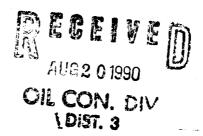
		UNITED STATES  SUBMIT IN TRIPLICATE DEPARTMENT OF THE INTERIOR PERSONNEL OF THE INTERIOR PERSONN		E Exp				
01.mc11/ 4-551)	NT /	/ Co	Contract No. 36					
CUNI	DRY NOTI	6. TP INC	6. IF INDIAN, ALLOTTEE OR TRIBE NAME					
(Do not use this i	Ji	Jicarilla Apache						
OIL GAS WELL	X OTHER			7. UNIT	AGREEMENT NAME			
NAME OF OPERATOR		<del></del>		8. PARM	8. PARM OR LEASE NAME			
CONOCO INC.				No	Northeast Haynes			
ADDRESS OF OPERATOR	3817 NW	Expressway		9. WELL	NO.			
		City, OK 73112			114			
LOCATION OF WELL (Re See also space 17 belo	eport location ci-	early and in accordance with a	ny State requirements.*	ı	10. FIELD AND POOL, OR WILDCAT Balla			
At surface	<del></del>			Qrero	Oters Perch Pictured Cli			
905' FSL & 1050' FWL SE NE SW SW					11. EBC., T., R., M., OR BLK. AND SURVEY OR ARRA			
				Sec	. 15-724N-R	5W		
PERMIT NO.	PERMIT NO. 15. ELEVATIONS (Show whether OF, RT, GR, etc.)					12. COUNTY OR PARISH 13. STATE		
30-039-2259	5	o: GL	Rio	Arriba	NM			
	Charle A.		Natura of Nation Pagest o	Other Det				
Check Appropriate Box To Indicate Nature of Notice, Report, or					QUENT REPORT OF:			
TEST WATER SHUT-OF	_ [ <del>]</del>	CLL OR ALTER CASING	WATER SHUT-OFF		REPAIRING WELL			
FRACTURE TREAT		ICLTIPLE COMPLETE	FRACTURE TREATMENT	<del> </del> .	ALTERING CASING			
SHOOT OR ACIDIZE		BANDON*	SECOTING OR ACIDIZING		ABANDON MENT*			
REPAIR WELL	<del></del>	HANGE PLANS	(Other)					
West with the second	- نیکت		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)					

THIS APPROVAL EXPIRES FEB 01 1891



SIGNED C. Dodson	TITLE Supervisor, Regulator	y <b>DATE</b> July 23, 1990
(This space for Federal or State office use)		APPROVED
APPROVED BY	NMOCD	AUG 1 4 1990
1		TOR AREA MANAGER

# NORTHEAST HAYNES NO. 11Y REMEDIAL PROCEDURE

## I. WELL DATA

TD: 2560'

PBTD: 2532'

Elevation: 6610' KB

Zero: GL

**COMPLETION:** 

**Pictured Cliffs** 

2332'-2352', 2386'-2396', 2428'-2434'

LOCATION:

905' FSLandL050' FWLSec. 15, T24N, R5W

Rio Arriba County, New Mexico

#### II. SAFETY

A tailgate safety meeting shall be held prior to commencing any work.

## III. SUMMARY OF PROPOSED WORK

- 1. Transport 2-1/16" IJ tubing from the warehouse to location.
- 2. Test the integrity of the production casing.
- 3. If the casing will hold pressure, prepare to P&A the well. If the casing has a hole in it, locate the bad section of pipe.
- 4. Install the 2-1/16" IJ tubing with two packers to isolate the bad section of pipe from the Pictured Cliffs formation.
- 5. Swab the well to return to production.
- 6. Divert production into the test separator to determine a stabilized rate.

#### IV. TUBULAR SPECS

OD	Wt.	Grade (ppf)	Drift I.D. (in)	Interval (ft)	Capacity		
(in)					(bpf)	(cff)	
8-5/8	24	K-55	7.972	0- 280	.06360	.35750	
3-1/2"	9.2	J-55	2.867	0-2555	.00870	.04883	
2-1/16	3.25	J-55	1.657	-	.00298	.01672	

ANNULAR CAPACITY:

3-1/2" X 2-1/16" = .0078 bbl/ft

# V. RECOMMENDED PROCEDURE

- 1. MIRU. Kill well, if necessary with TFW (TFW = Fresh water + 1% KCL).
- 2. ND wellhead, NU BOP and test.
- 3. Prepare to test integrity of 3-1/2" production casing.
  - a. Pick up and hydrotest 2-1/16" IJ tubing to 2000 psig with 3-1/2" RBP and 3-1/2" x 2-1/16" treating packer going into the well.
  - b. Set RBP at 2300'.
  - c. Pick up tubing and set packer at 2280'.
  - d. Pressure test RBP to 500 psi.
  - e. Release packer and pressure test the 3-1/2" production casing to 500 psi.

## NORTHEAST HAYNES NO. 11Y PAGE 2

NOTE:

If casing-tubing annulus holds pressure, prepare to P&A the well.

If the casing integrity test fails, go to step 3f.

- f. Move packer uphole, reset and test pipe until the bad section of casing can be located.
- g. Retrieve RBP and POOH.
- 4. GIH with 2-1/16" IJ tubing with hydraulic pump-out plug and SN on the end. Position two Guiberson Hydraulic Tandem packers on the tubing so that they will straddle the bad section of pipe when the tubing is set at 2400'.
- 5. Pressure up tubing string to set both packers and shear the pins in the seating sub (pump out plug). A differential pressure of 500 psig is required to set the packers. Similarly, a differential pressure of 1320 psig is required to release the seating sub and drop it to bottom.

NOTE: A packer hand will be on location to help set the packers and release the seating sub.

- 6. ND BOP. NU wellhead. RDMO workover rig.
- 7. MIRU swab unit.
- 8. Swab on well until the well will flow on its own.

NOTE: Use 1.6" O.D. swab cups to pass through the packers (1.625" I.D.)

- 9. Flow well through test separator to measure gas, oil and water production from the well.
- 10. Report the results to Rick Toothman at (405) 948-4861