Form 9–331 Dec. 1973	N. M.	Sil (Stra game		Form Approved. Budget Bureau	
UN	NITED STATES P. O. I	P9X 1260	5. LEASE	211-0	
	NT OF THE INTERIC	DRess and the	6 IF INDIAN AL	LOTTEE OR TRIE	
GEUL	OGICAL SURVEY				
SUNDRY NOTICES	is to drill or to deepen or plu	ON WELLS	7. UNIT AGREE	MENT NAME	
eservoir. Use Form 9-331-C for si	uch proposals.)		8. FARM OR LE		
1. oil gas well	other WATER	NJECTION	9. WELL NO.		
2. NAME OF OPERATOR			10. FIELD OR WI	LDCAT NAME	2-9467 3/14
CONOCO INC. 3. ADDRESS OF OPERATO	 R	Wa	WWW BLINES	3RY. Tukk	all Das
P. O. Box 460, Ho	bbs, N.M. 88240		11. SEC., T., R., AREA	M., OR BLK. AND	SURVEY OR
4. LOCATION OF WELL (RE	EPORT LOCATION CLEAR	RLY. See space 17	SEC. 34	T205, R	38E
below.) AT SURFACE: 1980		FWL	1 .	PARISH 13. ST	
AT TOP PROD. INTERV AT TOTAL DEPTH:	AL:		14. API NO.		M
16. CHECK APPROPRIATE	BOX TO INDICATE NAT	URE OF NOTICE,			
REPORT, OR OTHER D		and the second	15. ELEVATIONS	S (SHOW DF, KE	B, AND WD)
FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL PULL OR ALTER CASING MULTIPLE COMPLETE CHANGE ZONES ABANDON* (other) RE-SQUEEZ		ALL LESS	change o	sults of multiple cor n Form 9–330.)	
17. DESCRIBE PROPOSED including estimated dat measured and true vert	OR COMPLETED OPERA te of starting any proposi ical depths for all marker	en work. DEwen is	directionany dracd,	ails, and give pe give subsurface	rtinent dates, locations and
PLEASE SEE	E ATTACHED	PROCER	URE.		
Subsurface Safety Valve: Ma	anu. and Type			Set_@	Ft.
18. I hereby certify that the SIGNED Wind To	foregoing is true and cor	rect Administrative Sup	ervisor DATE	7/11/8	'4
APPROVED BY PLEASE	Include TITL	e for Federal or State EPE	office use.	12/84	<u></u>



WARREN UNIT NO. 75 RE-SQUEEZE PERFORATIONS IN PADDOCK

WELL DATA:

TD: 6130' PBTD: 6073' ELEVATION: GL-3518' KBM: 11' AGL LOCATION: 1980' FSL & 1980' FWL, Section 34, T-20S, R-38E, Lea County, New Mexico CASING DATA: Surface - 8-5/8", 24#, K-55 set @ 1500' w/730 sx cmt. Production - 5-1/2", 17#, K-55 set @ 6130' w/1286 sx cmt.
PERFORATIONS: Paddock - 5734' - 71' Blinebry - 5812' - 6023'
PACKERS: Baker Lok-Set @ 5792' Baker C-1 Tandom @ 5512' w/17 pts tension

RECOMMENDED PROCEDURE:

- 1. Shut off injection & allow well pressure to bleed off.
- 2. RU & POOH w/straddle pkr arrangement (see depths above).
- 3. RIH w/retrievable BP & 5-1/2" treating pkr on 2-7/8" tbg (workstring) hydrotested to +6000 psig.
- 4. Set BP @ +5700'. Test BP w/treating pkr to +1000#. Unseat pkr & test csg to 1000 psi to check for holes. If any csg leaks are discovered, call ARP @ Ext. 169.
- 5. Release BP @ 5700' & set @ +5800'. Test BP w/treating pkr to 1000 psi & dump 10' sand on top of BP.
- Pull up to +5630' & set pkr. Pressure test pkr down backside to +1000 psi. Establish a pump in rate into the Paddock perforations (maximum pressure 2000 psi).
- 7. Mix 6 bbls (based on BP & pkr depths in this procedure, if actual depths change, use 2 bbls cmt to squeeze in formation + volume below pkr & above sand on BP see attached diagram) of Class H cmt containing .2% Halad 4 (or equivalent) and 1% CaCl plus 4.3 gals water/sx cmt. (Cmt will weigh 16.4#/gal & yield 1.06 ft³/sx with a pumping time of 1 hr 46 min @ 90°F circ. temp.)
- Spot the cmt to within 60' of pkr bottom via a bypass on the pkr. Close bypass & attempt to hesitate squeeze to 1500 psi. (Place 500 psi on backside prior to squeezing.)
- 9. Release pkr & reverse circ. excess cmt to surface. POOH w/pkr & tbg. WOC no less than 12 hrs.
- 10. RIH w/bit & scraper & tag cmt. Drill cmt out of csg to +5775'. POOH w/bit & scraper.

WARREN UNIT NO. 75 Re-Squeeze Perforations in Paddock Page 2

- 11. RIH w/treating pkr & test squeeze to 1000 psi for 30 min. If leak occurs, call ARP, Ext. 169.
- 12. Reverse sand off BP. Retrieve BP set @ +5800'. POOH.
- 13. RIH w/Baker AD-1 tension pkr & set @ +5790' & test pkr to no more than what squeeze was tested to. Place back on injection.

