State of New to Appropriate District Office DISTRICT I P.O. Box 1980, Hobbs, NM 88240 DISTRICT II P.O. Drawer DD, Artesia, NM 88210 DISTRICT III	5. Indicate Type of Less	STATE X FEE			
I. Type of Well: Off. Well XX WELL OTHER 2. Name of Operator ARCO OIL AND GAS COMPANY V 3. Address of Operator P. O. Box 1610 Midland Texas 79702		8. Well No. 43 9. Pool name or Wildcat			
P. O. Box 1610, Midland, Texas 79702 4 Well Location Unit LetterO :2310 Feet From TheEast					
SIGNATURE Ken W. Gosnell		/600 5670	ATE6-1-89		
(This space for State Use) ORIGINAL SIGNED BY MIKE WILLIAMS SUPERVISOR, DISTRICT F	lma	DA	JUN 5 1989		
CONDITIONS OF AFFROYAL, IF ANY:					

WORKOVER PROCEDURE

DATE: 1-89

						
WELL NO. & TYPE OF JOB: EAU No. D-43 Abo Recompletion						
DRILLED: 9-60	LAST WO:_	1981				
FIELD: Abo	COUNT	Y:Eddy, N	IM	BY:	Joel Ta	lley
TD: 6382' PBD:	6345′	DATUM	: GL	DIST	RKB TO	GL:
CASING INFORMATION: SURFACE: INTERMEDIATE:	SIZE 8-5/8"	WEIGHT 28#	GRADE J-55	SET @ 718'	SX CMT	TOC Surface Surface
PRODUCTION: LINER:	5-1/2"	15.5#	J - 55	6382 ′	550	
CASING DETAIL: PRESENT PERFORATIONS: 6295'-6310'						
PROPOSED PERFORATIONS: 6258'-6268, 6230'-6240' & 6190'-6212'						
TUBING DATA: SIZE NO. O	2-3/8" OF JTS20	WT.4.7	GRADE	J-55_	THD.8rd	BTMD 6227'
PACKER & MISC.:						

PROCEDURE

- 1. Notify NMOCD Commission of intention to recomplete the well.
- 2. Test anchors. MIRUPU. Check well for pressure and bleed off.
- 3. POH w/ 2-3/8" production tbg. Visually inspect the tbg for workover use.
- 4. RIH w/ 4.75" GR to PBD @ 6345'. Set CIBP on WL @ 6280'. Load & test csg to 500 psi w/ produced water for 15 minutes. If csg does not hold, RIH w/ pkr and isolate leak for squeeze.
- 5. Perforate Abo with 2 JSPF f/ 6258'-6268' (correlate with Shlumberger GR-N/LL dated 10-4-60). If well goes on vacuum swab prior to acidizing.
- 6. TIH w/ treating Pkr and 2-3/8" production tbg, hydro-testing tbg to 4000 psi, to 6268'. Spot 100 gals across perfs and pull packer to 6150'. Reverse 5 bbls water up tbg and set pkr.

- 7. Pressure annulus to 500 psi and acidize perfs w/ 1500 gals 15% NEFE HCL acid at 1 BPM. Flush to btm perf w/ produced water. Maximum treating pressure is 1000 psi.
- 8. SI for 30 minutes and record pressure every 10 minutes. Swab and evaluate.
 - If zone is productive continue with step 12. If zone is not producive continue with step 9.
- 9. POH w/ tbg & pkr. WL set CIBP @ 6250'. Perf Abo f/ 6230'-6240' w/ 2 JSPF. Acidize w/ 1500 gals 15% NEFE HCL and evaluate as in steps 6,7 & 8.
 - If zone is productive continue with step 12
 If zone is not productive continue with step 10.
- 10. POH w/ tbg & pkr. WL set CIBP @ 6220'. Perf Abo f/ 6190'-6212' w/ 2 JSPF. Acidize w/ 1500 gals 15% NEFE HCL and evaluate as in steps 6,7 & 8.
- 11. POH w/ tbg & pkr. Set CIBP @ 6162' (Top Abo @ 6162') on WL to TA well pending Engineering Evaluation.
- 12. POH w/ tbg & pkr. RIH w/ completion assembly as per Production Department specifications. TOTP.

Subject	Well-Boir Diagram	Page No.	01
File	EAU D-43	By JOT	Date /- 89

Current Drilled 7-60 8 5/8" 28# J-55 CS9 2 7/8" Circleted cmt Top of Abo Aces 26/62 201 Jts 23/8" J-55 tbg SN @ 6227' Perts 6295 - 6310 PBO D 6345' 5 ± 1/5,5 # J-55 (5) 26382 Circulated cont w/5505X TO 6382'

Proposed

3rd Objective

Perf 6190-6212

If Plugged Set CIBPD 6162'

2nd Objective

Perf 6230'-6240

If Plugged Set CIBPD 6220'

Ist Objective

Perf 6258'-6268'

If Plugged Set CIBPD 6250'

Set CIBPD 6280'