5. LEASE

SF 078863

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
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 8. FARM OR LEASE NAME		
1. oil gas X other	Krause WN Federal		
2. NAME OF OPERATOR ARCO Oil and Gas Company	9. WELL NO. 3E		
Division of Atlantic Richfield Company	10. FIELD OR WILDCAT NAME		
3. ADDRESS OF OPERATOR	Basin Dakota		
P. O. Box 5540, Denver, Colorado 80217 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA		
below.)	33-28N-11W 12. COUNTY OR PARISH 13. STATE		
AT SURFACE: 835' FNL & 1810' FWL AT TOP PROD. INTERVAL:	San Juan	New Mexico	
AT TOTAL DEPTH: Approx the same	14. API NO.	New Mexico	
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	30-045-24288		
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW	DF, KDB, AND WD)	
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	5864'		
FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL PULL OR ALTER CASING MULTIPLE COMPLETE CHANGE ZONES ABANDON* (other) N.O. spud & set surface casing	(NOTE: Report results of multiple completion or zone change on Form 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.)* MI & RU. Spud 12-1/4" hole @ 3:00 pm 7-3-80. Ran 8 jts 8-5/8", 24#, J-55, ST&C, Rge 3 casing (323.96') & set @ 339'. Cmtd with 200 sxs Class "B" w/2% CaCl + 1/4# flocele/sx. P.D. @ 5:00 am 7-4-80. Circl 5 bbls cmt to surface. Good returns. 			
Tested BOP to 1000# - held OK.		And the second second	
Drilling ahead.			
Subsurface Safety Valve: Manu. and Type	Set	@ Ft.	
18. I hereby certify that the foregoing is true and correct			
SIGNED W. A. Walther, Jr All TITLE Operations Ma	nagemate 7-1	5-80	
W. A. Walther, Jr. Aug. (This space for Federal or State office use)			
APPROVED BY TITLE TOTALL CONDITIONS OF APPROVAL, IF ANY:	DATE	7-7-7-F	

MWOCC