5. LEASE

## UNITED STATES DEPARTMENT OF THE INTERIOR

DEPARTMENT OF THE INTERIOR	SF 078863
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 difference or proposals.)	· ·
1 -11	Krause WN Federal
1. oil gas X other	9. WELL NO.
2. NAME OF OPERATOR ARCO Oil and Gas Company	1E
Division of Atlantic Richfield Company	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	Basin Dakota
P. O. Box 5540, Denver, Colorado 80217	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space below.)	17 AREA 32-28N-11W
AT SURFACE: 790' FNL & 1520' FWL (NE NW)	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL:	San Juan New Mexico
AT TOTAL DEPTH: Approx the same	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTIC	<del></del>
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
	5898' GL
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	
FRACTURE TREAT	
REPAIR WELL	(NOTE: Report results of multiple completion or zone
PULL OR ALTER CASING 🗍	change on Form 9-330.)
MULTIPLE COMPLETE	
CHANGE ZONES	Control of the Contro
(other) N.O. setting production casing	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly including estimated date of starting any proposed work. If well measured and true vertical depths for all markers and zones pert.  Drilled to 6360' & logged. Ran 144 jts 4-casing (6374.66') GS & diff fillup collar, FC @ 6337' & DV tool @ 1940'. Landed casi with 500 gals mud flush & 10 BW, 500 sxs H 3/4% CFR-2; tailed with 300 sxs 50/50 poz slurry displaced with 101 BW. Circl press held OK. PD @ 6:30 am 5-11-80. Cemented 10 BW, 350 sxs Halliburton lite, 3/4% CFR-poz mix, 3/4% CFR-2, 2% CaCl; 143 bbls slu press 500#, closed DV tool with 2000#, hel Released rig @ 1:00 pm 5-11-80. Waiting on completion.  Subsurface Safety Valve: Manu. and Type	is directionally drilled, give subsurface locations and inent to this work.)*  1/2", 10.5#, J-55, Rge 3, ST&C  DV tool (5.34') total of 6380',  Ing @ 6359'. Cemented 1st stage  [alliburton lite, 10#/gilsonite/sx,  mix, 3/4% CFR-2, 2% gel; 231 bbls  1200#. Bumped plug with 1800#-  2nd stage with 500 gals mud flush,  2, 2% CaCl; tailed with 200 sxs 50/50  arry displaced with 131 BW. Circl  d OK. PD @ 10:30 am 5-11-80.
	The state of the s
18. I hereby certify that the foregoing is true and correct  SIGNED WAULTE AL TITLE Operations	Manager page 5-15-80
SIGNED W. A. Walther, Jr. Life (This space for Federal or State	DATE
APPROVED BY TITLE	
CONDITIONS OF APPROVAL, IF ANY:	NMOCOT
OO	MAY 1 6 1980

\*See Instructions on Reverse Side