5. LEASE

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SLIDVEY

DEPARTMENT OF THE INTERIOR	Jicarilla Contract #111
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
	Jicarilla -
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
reservoir, Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME
1. oil gas	Jicarilla 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
2. NAME OF OPERATOR ARCO Oil & Gas Company	9. WELL NO. 108 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Division of Atlantic Richfield Company	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR Suite 501	W.Lindrith-Gallup/Dakota
1860 Lincoln Street, Denver, Colorado 80295	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LCCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)	AREA 7-24N-4W 2 2 3 5
AT SURFACE: 2150' FSL & 1600' FWL (NE SW)	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL: Unit K	Rio Arriba New Mexico
AT TOTAL DEPTH: Approx. the same	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	30-039-22104
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	6742 '국GLF # 원 한국가 3
TEST WATER SHUT-OFF	
FRACTURE TREAT	
SHOOT OR ACIDIZE	ੱਡ ੋ ਚੁੱਕੇ ਹੈ ਵਿੱਚ ਹੈ ਂ ≛ੂੰ ਵੱ
REPAIR WELL	(NOTE: Report vestals of Full Al Pompletion or zone
PULL OR ALTER CASING MULTIPLE COMPLETE T	change on Form 9-330.) 그 고 경험
CHANGE ZONES	U. S. GEOLOGICAL SURVER BE TO DE
ABANDON*	DUSTED TO SURVEY TO BE SEEN OF THE PROPERTY OF
(other) N.O. setting production casing	
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.)*	
Ran 187 jts 5-1/2" casing, 35 jts 17#, K-55, H	R3. ST&C (1372.72'). 152 its
15.5#, K-55, R3, ST&C (5954.06), GS, diff fill-up collar and DV tool (6.11')	
total of 7332.89'. Cement 1st stage with 1000 gals mud flush, 10 BW, 350 sxs	
RFC made 100 bbls slurry. Displaced with 1721	bbls water. P.D. 12:30 am 10-17-79.
Bumped plug with 1700#, float held OK. Second	
10 BW and cement with 300 sxs RFC, made 85 bbl	
P.D. @ 4:30 am 10-17-79. Closed DV tool with	2000#, casing landed @7319'KB.
Released Rig 7:00 am 10-17-79.	
** ***	
Waiting on completion.	등학교 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등
	그 그는 그는 그 승규를 통해 살아 보고 있는 것이다.
Subsurface Safety Valve: Manu. and Type	Set @ Ft.
	in the state of th
Operations	
SIGNED W. A. Walther, Jr. Witte Manager	DATE 10-31-79
(This space for Federal or State office use)	
	The second secon
APPROVED BY TITLE TO CONDITIONS OF APPROVAL, IF ANY:	DATE