SUBMIT IN TRIPLICATE*

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

UNITED STATES DEPARTMENT OF THE INTERIOR

	3C-C39 5. LEASE DESIGNATION						
	Jicarilla Cor	itract #145					
APPLICATION	I FOR PERMIT	TO DRILL, DEI	PEN, OR PL	UG BACK	6. IF INDIAN, ALLOTTE		
1a. TYPE OF WORK	LLxxx	DEEPEN [PLU	G BACK [Jicarilla Apa		
b. TYPE OF WELL OIL GA	AS ELLXXX OTHER		SINGLE XX	MULTIPLE ZONE	S. FARM OR LEASE NA	ME	
2. NAME OF OPERATOR	on Exploration			,	Jicarilla 'K'		
2 ADDRESS OF OPERATOR				- N	#12-E		
PO Box 2179,	Farmington, NM	1 87499	ov State setuikement	E D	10. FIELD AND POOL,	OR WILDCAT	
PO Box 2179, 4. Location of Well (R A 040 FW1 and At proposed prod. zon	Basin Dakota 11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA						
At proposed prod. zon Same	e		E C E 198	NAGENEN.	Sec 2- T25N-R	5W. NMPM	
14. DISTANCE IN MILES	AND DIRECTION FROM NEA	REST TOWN OR POST OF	FICE OF LANESO	010	12. COUNTY OR PARISI	1 13. STATE	
48 miles SW	of Dulce, New M	lexico BUR	EMINGTO		Rio Arriba	New Mexico	
				EASE 17. NO. TO T	OF ACRES ASSIGNED THIS WELL \$60 5 320		
18. DISTANCE FROM PROP TO NEAREST WELL, D OR APPLIED FOR, ON TH	William Compression V	00'	7450 [†]	20. кот	Rotary, 0- 74	50'	
21. ELEVATIONS (Show who	ether DF, RT, GR, etc.)			!	22. APPROX. DATE W		
	6637' GR				May 15, 198	4	
23.	1	PROPOSED CASING	AND CEMENTING	PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DE	TH QUANTITY OF CEN		NT	
12 1/4"	8 5/8"	32.0	350	260 с	uft (Circ to	surface)	
7 7/8"	4 1/2"	11.6 & 10.5	7450		ge: 275 cuft, 290 cuft		
	1	1	1	i			

- 1. Drill 12 1/4" hole to 350'. Run 8 5/8", 32.0#/ft, K-55 casing and cement @ 350'.
- 2. Pressure test casing and BOP to 800 psi.
- 3. Drill 7 7/8" hole to 7450 w/ water Base mud.
- 4. Run Induction & Gamma Ray logs, Compensated Neutron density logs.
- 5. Run 4 1/2" 11.6 & 10.5 #/ft casing to 7450'. Cement in 3 stages with stage tools @ 5450' and 3150' (Mancos and Lewis Shale.)
- 6. Drill out stage tools and cement bond log.
- 7. Perforate and Stimulate the Dakota Formation.

EXHIBITS: A. C-102 Survey and Location Plat.

- B. Ten Point Compliance Plan.
- C. Surface Use and Operations Plan.
- D. Topographic Map.
- E. Cut and Fill Diagram.

F.Drill pad Layout.

G. Production Facilities layout.

H. Blow out Preventer Schematic.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout

preventer program, if any.		
signed expressed schweiler Title I	Drilling Supervisor	APPROVED Dec. 1, 1983
(This space for Federal or States in the use)	APPROVAL DATE	AS AMENDED JUN 05 1984
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		aghu Micker
OIL CON.		AREA MANAGER FARMINGTON RESOURCE AREA
U ·	NMOCO '	

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO JERGY AIR MINERALS DEPARTMENT

P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

form C-107 Revised 10-1-78

All distances must be from the cuter boundaries of the Section.

Operator			Legse		····				
-	NION EXPLORAT	TON COMPANY	Jica	ailio			Well No.		
Unit Letter	Section	Township	Rone		County		12E		
M	2	25N		5W	Rio A	rriba			
Actual Footage Location of Well: 1100 feet from the South line and 1040 feet from the West. tine									
Ground Level Elev:	Producing For		Pool	1881	t from the	West	line Dedicated Acreage:		
6637	Dak	ota	Basir	Dakota			320 Acres		
1. Outline th	e acreage dedica	ited to the subject	well by co	olored pencil o	or hachure	marks on th	e plat below.		
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).									
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc?									
Yes	☐ No If a	nswer is "yes," typ	e of conso	lidation					
If answer this form i	is "no," list the	owners and tract d	escriptions	which have a	ctually be	en consolida	ited. (Use reverse side of		
this form if necessary.)									
	A TO THE ROLL OF T				ì		CERTIFICATION		
IN ESE	07/984 07/984 014. DIV. 2157. 3	R	ECE	ND MANAGEM	T.C.	tained her	ertify that the information con- ein is true and complete to the knowledge and belief.		
015	2157. ³	BUF	DEO DE LA	ND MANAGEM ND MANAGEM RESOURCE AF	REA		J. Bollschweiler		
	l i	\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		! 			g Supervisor		
	! Sec		ı	! 		Company SOUTHERN Date	UNION EXPLORATION		
1	<u> </u>					Decemb	er 5, 1983		
	 	2				shown on t notes of a under my s	certify that the well location this plat was plotted from field octual surveys made by me or supervision, and that the same and correct to the best of my		
K-12E	_1	<u></u>				knowledge	and belief. -		
1040')	0		I		Date Surveye	d 1014		
į	1		1		\blacksquare	Registered P	er 30, 1983 rofessional Engineer		
11001						Fred 3	Surveyor Kerr Jr.		
7	Sca	le: 1"=1000'	•			Gertificate vi	O.M. Marine		

