SUBMIT IN TRIPLICATE*

(Other instructions on

reverse side)

Form approved. Budget Bureau No. 42-R1425. 30 039 - 23019

40/60 pozmix, (12% gel).

22 sxs (40 CF) Class B cement

UNITED STATES					
DEPARTMENT OF THE INTERIOR					
GEOLOGICAL SURVEY					

DEPARTMENT OF THE INTERIOR					5. LEASE DESIGNATION	AND SERIAL NO.
GEOLOGICAL SURVEY					Tribal Contra	act #71
APPLICATION FOR PERMIT TO DRILL, DEEPENS DAPPEUD BACK					G. IF INDIAN, ALLOTTE	
1a. TYPE OF WORK		1,23			Jicarilla Apa	
	ILL 🖾	DEEPEN 🔲	PLUG B	CK 🗆 🙀	7. UNIT AGREEMENT N	AME
b. Type of well	GAS 🗀	श्रिरं	SINGLE 1983 MULTI	IPLE -		
	VELL OTHER	OIL (ZONE ZONE	IPLE X	8, FARM OR LEASE NAI	
	Company, Inc.		A I A		Jicarilla Tri	ibal Cont. #71
3 ADDRESS OF OPERATOR			DIST. 3	(O)	78 -12	
212 Washins	rton CE Albur	nierano Noti Mo	vice experi		10. FIELD AND POOL, O	R WILDCAT
313 Washington, SE, Albuquerque, New Mexico 8706. 4. LOCATION OF WELL (Report location clearly and in accordance with any State reprisements.*) At surface Unit 'C' 710' FNL & 2015' FWL					1	Gallup Dakota
At surface Unit	c'C' 710' FN	L & 2015' FWL .	AEC A	1083	11. EC., T., R., M., OR !	BLK.
At proposed prod. zo:		, ,	RIPR 5	SURVE	DO SURVEY OR AS	REA
At proposed prod. zone					Sec. 10 T23N	1.R4W
14. DISTANCE IN MILES	AND DIRECTION FROM NE	AREST TOWN OR POST OFF	1010	10N-12	12. COUNTY OR PARISH	
12 miles SV	V of Lindrith,	New Mexico			Rio Arriba	New Mexico
					ACRES ASSIGNED	i
DRANDOW OR I DANK TOWN					10	
18. DISTANCE FROM PROPOSED LOCATION* 19. PROPOSED DEPTH			PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS		
TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 800'			otary			
21. ELEVATIONS (Show whether DF, RT, GR, etDRILLING OPERATIONS AUTHORIZED ARE					22. APPROX. DATE WO	RK WILL START
7305' GL	7305' GL SUBJECT TO COMPLIANCE WITH ATTACHED				7-15-83	
23.	"G	PROPOSED CASING A	S" ND CEMENTING PROGR		io n is subject to adm	
SIZE OF HOLE	SIZE OF CASING	E OF CASING WEIGHT PER FOOT SETTING DEPTH		sppeel	CFR 20 CFR 20 CFR	<u>90. </u>
9 3/4"	8 5/8"	22# (J-55)	225	225 SX	s (405 CF) Cla	
7 7/8"	4 1/2"	$\frac{11.6 \# (N-80)}{1}$	7600'	1st sta	•	(1350 CF)
, .					ozmix.	(2000 01)
		•		2nd sta		(990 CF)

Drill 230' of 9 3/4" surface hole. Set 225' of 8 5/8" casing. Cement to surface with 225 sxs (405 CF) cement. Use an oil base mud, (15% oil), and Shaeffer 5000# standard doublegate hydraulic BOP. Drill 7 7/8" hole to 7600' to test Dakota formation.

Wasatch formation on surface. Estimated tops: 0jo-2580'; Pictured Cliffs-3025', Chacra-3375'; Cliff House-4560'; Pt. Lookout-5090'; Gallup-6185'; Tocito-6845'; Greenhorn-7165'; Dakota 'A'-7250'; Dakota 'D'-7390'; Burro Canyon-7495'.

D. V. Tool @ 3075'. Float Collar @ 7570'.

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 pr 24

eventer program, if any.		
talk Space T and some	Seologist	DATE 12-83
(This space for Federal or State office use)		
PERMIT NO.	APPROVAL DATE	APPROVED
APPROVED BY	TITLE	AS AMENDED
CONDITIONS OF APPROVAL, IF ANY:		MAY 1 0 4983
om.	*See Instructions On Reverse Side	JAMES F. SIMS DISTRICT ENGINEER

NMOCG

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

Form C-102

All distances must be from the outer houndaries of the Section Well No. Apache #71 JICATILLA Circiolor 23-2 CHACE OIL COMPANY, INC. County Frence Township Section Unit Letter 4 WEST RIO ARRIBA 23 NORTH C Actual Fastage Location of Well; line feet from the . NORTH 710 Dedicated Acresses 5. LINdrith Gallup - DAKSTA Producing Formation Ground Level Elev. 40 Acres GALLUP- DAKOTA 7305 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the 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? Il answer is "yes," type of consolidation ... T Yes If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Position Gen 10615 10 Date Surveyed November 18, 1982 Registered Professional Engla Leëse Certificate No. 1463

