## SUBMIT IN TRIPLICATE\*

Form approved. Budget Bureau No. 42-R1425.

(Other instructions on reverse side)

## UNITED STATES DEPARTMENT OF THE INTERIOR

UNITED STATES reverse side) DEPARTMENT OF THE INTERIOR					,	5. LEASE DESIGNATION AND SERIAL NO.		
GEOLOGICAL SURVEY						Jic. Contr	act #100	
APPLICATION	FOR PERMIT	O DRILL, DEEP	EN, OR F	LUG BA	CK 6.	IF INDIAN, ALLOTT		
	LL X	DEEPEN []	PL	UG BACK	7.	Jicarilla .	Apache NAME	
D. TYPE OF WELL OIL GA WELL WE	S X OTHER		INGLE X	MULTIPLE ZONE	8.	FARM OR LEASE N	A M E	
2. NAME OF OPERATOR						Jicarilla	D	
SOUTHERN	UNION EXPLORAT	ION COMPANY			9.	WELL NO.		
3. ADDRESS OF OPERATOR						#20		
		GTON, NEW MEXIC			10	. FIELD AND POOL,	OR WILDCAT	
4. LOCATION OF WELL (Re At SULLACE 1990 F.S. At proposed prod. zone 14. DISTANCE IN MILES A	SL & <del>1650</del> FWL 1760	RE	CEI	VED	W .	Blanco Mesa Blanco Mesa Bec., T., B., M., OB AND SURVEY OR Sec 31-T26N	BLK. AREA -R3W NMPM	
15. DISTANCE FROM PROPO	SED.	New Mexico	**DEC 28 AU OF LANE MINGTONS PE 2514.6	MANAGEM SOURCE AF	7. No. of A	CRES ASSIGNED	New Mexico	
LOCATION TO NEAREST PROPERTY OR LEASE LI (Also to nearest drlg	INE, FT.	990' FAR	2514.6		TO THIS	WELL W 320	)	
18. DISTANCE FROM PROPE TO NUAREST WELL, DE OR APPLIED FOR, ON THE	HLLING, COMPLETED,	280	6200	2	O. ROTARY (	OR CABLE TOOLS y 0-6200		
21. ELEVATIONS (Show whe	ther DF, RT, GR, etc.)	DRILLING OPERAT			1	22. APPROX. DATE W	ORK WILL START*	
7	252' GR	SUBJECT TO COLA. "GENERAL REQUI		ITH ATTAC		May 15,	1984	
23.	1	PROPOSED CASING AND		G PROGRAM	i i uli	That is subject to	Calcainist ration	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING	ркети	appeal	Pursuant to 30 (	课 290.	
12½" 7 7/8"	8 5/8"	32.0	350		60 cu f	ft (Circ to	surface)	
/ //8	42	105. ¢ 11.6	6200		stages	s: 290 cu ft	& 290 suft	

- 1. Drill  $12\frac{1}{4}$ " 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 6200' w/water base mud.
- 4. Run Induction & Gamma Ray logs, compensated Neutrom density logs.
- Run  $4\frac{1}{2}$ " 11.6 & 10.5# casing to 6200' & cement in two stage w/Multiple Stage Tool @ 3950' (Lewis Shale).
- 6. Drill out stage tool and cement bond log.
- 7. Perforate & Stimulate Mesa Verde (Point Lookout)

EXHIBITS: A. C 102-Survey & location plat.

- B. Ten point compliance
- C. Surface use & operations plan
- D. Topographic map

- E. Cut/fill cross section
- F. Drill pad layout
- G. Production Facilities layout
- Η. 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.

signer befrey to kecheveiler	Drilling Supervi	isor Appan Deerl,	983
(This space for Federal or State chice of E	APPROVAL DATE	AS AMENDED	
71984		JUN 0.5 1984	
APPROVED BY CONDITIONS OF APPROVAL, IF ANY:  OIL CON.  DIST. 3	NMOCC *	AREA MANAGER MININGTON RESOURCE AREA	

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO JERGY AND MINERALS DEPARTMENT

## P. O. UOX 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		Well No.
SOUTHERN UNION EXPLORATION CO. Unit Letter Section Township			JICARILLA "D"	20	
N	31	26N	3W	County Rio Arriba	
Actual Footage Loc					
1120	feet from the Sc	outh line and	1760 tee	t from the West	line
Ground Level Elev:	Producing For		Pool		Dedicated Acreage:
7239	Po	int Lookout	Blanco Mesa	Verde	320 160 Acres
2. If more th	J	•	ell by colored pencil		the plat below.
	ommunitization, ı	mitization, force-pool			of all owners been consoli-
If answer this form i No allowal	is "no," list the f necessary.)ble will be assign	owners and tract des	criptions which have a	actually been consolid	dated. (Use reverse side of mmunitization, unitization, n approved by the Commis-
		<del></del>			CERTIFICATION
	 	111	RE COLORA 1964	best of the desired has been desired ha	r certify that the information con- perein is true and complete to the my knowledge and bellef.  Ling Engineer hern Union Exploration il 12, 1984
1760'	1120'	31	01- COS.	shown of notes a under make the knowled by the survival of the	y certify that the well location on this plat was plotted from field f actual surveys made by me or y supervision, and that the same and correct to the best of my lige and belief.  19,1981 Professional Engineer and Surveyor.
The second should make designation to the second se	Sca	le: 1"=1000'	1	Certificate 3950	NOR ALLAN

