FILE

COPY TO O. C. SUBMIT IN TRIPLICATE.

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

UNITED TATES DEPARTMENT OF THE INTERIOR

	5. LEASE DESIGNATION AND SERIAL NO.								
	LC 031670A								
APPLICATION	6. IF INDIAN, ALLOTTEE OR TRIBE NAME								
1a. TYPE OF WORK		DEEDENI [DI LIC DA	CV [7. UNIT AGREEMENT NAME				
b. TYPE OF WELL	ILL Ly	DEEPEN 🗌	PLUG BA	CK L					
	AS OTHER		SINGLE MULTI	8. FARM OR LEASE NAME					
2. NAME OF OPERATOR	CONTINENTAL	OIL COMPAN	· · · · · · · · · · · · · · · · · · ·		SEMU PERMIAN				
		. 012 007.11711	¥ 1		9. WELL NO.				
3. ADDRESS OF OPERATOR	107								
4. LOCATION OF WELL (R	eport location clearly and	in accordance with an	v State requirements *)		10. FIELD AND POOL, OR WILDCAT				
At surface 2615' FSL	Skaggs GRAyburg 11. SEC., T., B., M., OB-BLK.								
At proposed prod. zon	2415' F&L				AND SURVEY OR AREA				
	•				SEC. 19 T205 R38E				
14. DISTANCE IN MILES	AND DIRECTION FROM NEAD	REST TOWN OR POST OFF	CICE*		12. COUNTY OR PARISH 13. STATE				
16 0.00.00					LED N.M				
15. DISTANCE FROM PROPO LOCATION TO NEAREST PROPERTY OR LEASE I	Ē.	16.	NO. OF ACRES IN LEASE		17. NO. OF ACRES ASSIGNED TO THIS WELL				
(Also to nearest drig 18. DISTANCE FROM PROP	g. unit line, if any)		70.000	4	40				
TO NEAREST WELL, D. OR APPLIED FOR, ON THE	RILLING, COMPLETED,	19.	PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS					
21. ELEVATIONS (Show who			3950°		22. APPROX. DATE WORK WILL START*				
3536.7 G	٥								
23.		PROPOSED CASING A	ND CEMENTING PROGR	AM	JUNG 30,1974				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	<u> </u>	QUANTITY OF CEMENT				
15-"	1034"	40.5*	1400						
97/2"	7"	23 #	2600'		su cire				
61/4"	41/2"	10.5	3950'	i	5 su cire				
See let	a Skaggs Grackment for 1.	10 point we			APR 17 1979 U. S. GEOLOGICAL SURVEY HOBBS, NEW MEXICO				
signed Later (This space for Feder	drill or deepen directional	lly, give pertinent data	on subsurface locations a	nd measured	nctive zone and proposed new productive and true vertical depths. Give blowout DATE 4-17-79				
APPROVED BY CONDITIONS OF APPROVA	T IF ANY	TITLE			DATE				
USGS (M, IS ACL.								
NMF4 4					James 1. Suis				
44 6		*See Instruction	s On Reverse Side						
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ATTACHMENT TO FORM 9-331 C APPLICATION FOR PERMIT TO DRILL

Continental Oil Company

SEMU Permian Nos. 105, 106, 107 T20S R38E Lea County, New Mexico

- 1. The geologic name of the surface formation is Quaternary Sand.
- 2. The estimated tops of important geologic markers are shown on the attached Proposed Well Plan.
- 3. The estimated depths at which anticipated water, oil, gas or other mineral-bearing formations to be encountered are shown on attached Proposed Well Plan.
- 4. The proposed casing program is as follows:

0-1400' 10 3/4", 40.5#, H-40, ST&C 0-2600' 7", 23#, K-55, ST&C 0-3950' 4½", 10.5#, K-55, ST&C

- 5. A drawing of an API Series 900 Blowout Preventer Specification is attached. Pipe rams and blinds will be checked to 1,000 PSI for 30 minutes when BOP is installed. BOP will be checked when casing string is set and operated daily for checks.
- 6. The proposed mud program is as follows:

0-1400' 8.5-9.0 ppg spud mud 1400'-2600' 9.0-9.5 ppg salt water gel 2600'-3950' 10.0-15.5 ppg weighted brine gel

- 7. The auxiliary equipment to be used is:
 - (1) kelly cocks
 - (2) floats at the bit
- 8. It is proposed to run GR CAL CNL FDC PDC logs at selected intervals, as shown on the attached Proposed Well Plan.
- 9. No abnormal pressures or temperatures are expected to be encountered in this well.
- 10. The anticipated starting date for the first well is June 1, 1979, with a duration of approximately 14 days for each well.

PEB:cab

WELL NAME: SEINY FORMING NO. 107

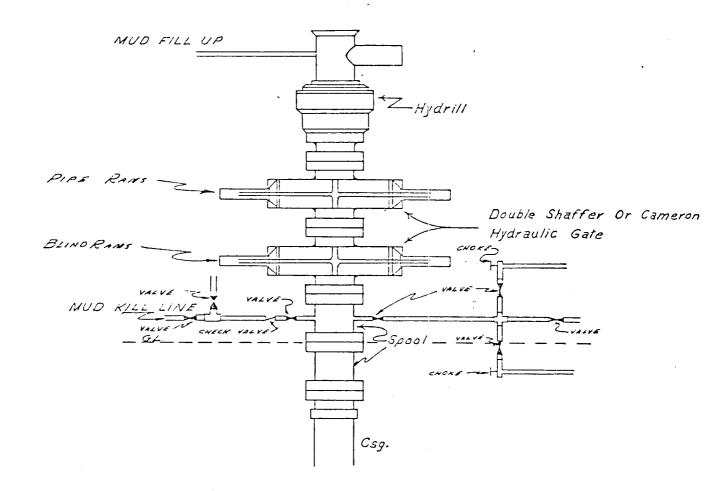
COUNTY: Lza

LOCATION: 2570'FNL = 2400' FEL Sec. 19, TEOS, R385

EST. KB: 3553 EST. GL: 3540

				TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING		tul) 6: 22	ION RE :T	MIJD.	
DEPTH	FORMATION TOPS B TYPE Plaistargue	DRILLING PROBLEMS	SIZE			DEPTH	FRACTURE	FORWATION PRESS, RE GRADIENT	WEIGHT	TYPE	
		Water so.	50-175								<i>i</i> -
											-
16	26.0	,			•			-			-
		Rustler anhy Salado sait	1350 1440		JE"	/ɔ³/4"	الادوني ا	12.0	LESS THAN 3.5	3.5 -	Fish - Wha
				Geolograph Deflection 0-TO					:		-
<u> </u>	222										-
		Base Salt Vates ss.	2520 Paro = 2560 2560		<u> 4%°</u>	7"	2600'	15.8	35-50	7.0 -	514 514 W
	7,22	Seven Rivers									
		- Queen ss. -Penrose ss. - Grayburgdol	OV COPPETIATION	GR-CNL-FDG DLL TD-2600							ish:
1	حوب	TO 3950			4/4	-	-1				Bride Sel

CONTINENTAL CIL COMPANY Blow-out Preventer Specifications



NCTE:

API SERIES 900

Manual and Hydraulic controls with closing unit no less than 75' from well head. Remote controls on rig floor.

DUE TO SUBSTRUCTURE CLEARANCE, HYDRILL MAY OR MAY NOT BE USED.

NEW PEXICO OIL CONSERVATION COMMISSION AT AT

Supercedes 6-12.

3239.

Continental Oil Co. SEMU Permian 20 South 32 East South 2615 in in a figure of lev Skuggs 2536.7 GRAYBURA 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 rovalty) 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? If answer is "ves," type of consolidation If answer is "no!" list the owners and tract descriptions which have actually been consolidated all se reverse side of 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 Commis-CERTIFICATION fained herein is true and complete to the ministrative Expuring 2000