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Form 9-331 C				SUBMIT IN	TRIPLICAT		
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3.	<u>I</u>	ROPOSED CASIN	G AND	CEMENTING PROG	RAM		
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PERMIT NO.				APPROVAL DATE		APPROVED	
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APPROVED BY CONDITIONS OF APPROV	AL, IF ANY :	ŤIŤI	,E		-   · A	5 ADM-110	
						OCT 1 9, 1978.	
LISG5 15 J, N				Dn Reverse Side	1	DISTRICT ENGINEER	



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#### ATTACHMENT TO FORM 9-331C APPLICATION FOR PERMIT TO DRILL

Continental Oil Company Warren Unit No. 60 T-20S, R-38E 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 - 1600' - NEW 9 5/8", 32#, H-40, ST&C 0 - 5900' - NEW 7", 23#, K-55, ST&C 5900' - 6800' - NEW 7", 26#, 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 - 1600' - 8.5 - 9.0# fresh water 1600' - 6800' - 9.0 - 10.0# saltwater 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 November 22, 1978, with a duration date of approximately 21 days.

## PROPOSED WELL PLAN OUTLINE

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# Contraction <u>Rea</u>

LOCATION: <u>1980' FML 0.660' FUL</u> Sec. 26, T205, R38E

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Henrico

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### CONTINUENT CHE COMPANY Blow-cut Freventer Specifications



API SERIES 900

NOTE:

Manual and Hydraulie 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.

## NE :XICO OIL CONSERVATION COMMISSIC WELL LOCATION AND ACREAGE DEDICATION PLAT

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Form C-102 Supersedes C-128 Effective 1-1-65

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Operator Contin	nental Oil Co.	Lec	Warren Unit		Weithic.
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#### SURFACE USE PLAN Continental Oil Company Warren Unit No. 60 T-20S, R-38E Lea County, New Mexico

The plan is to accompany "Application for Permit to Drill" the subject well. The following is a discussion of pertinent information concerning possible effect which the proposed drilling of the well may have on the environment of the well and road sites and surrounding acreage. A copy will be posted on the derrick floor so that all contractors and sub-contractors will be aware of all items of this plan.

#### 1. Existing Roads

- A. The proposed well site is 1980' FNL and 660' FWL of Section 26, T-20S, R-38E, Lea County, New Mexico.
- B. Exhibit "A" is a portion of a New Mexico road map showing existing black top roads. Directions to the location (outlined in red on map) are as follows: Travel 9.6 miles south of Hobbs on N.M. 18 and turn east 200 yards to Warren Unit No. 44. The proposed location is 0.75 mile north.
- C,D,E. Access roads are shown on Exhibits "B" and "C".
- F. No improvement or maintenance is anticipated for the existing roads.

#### 2. Planned Access Roads

- A. Width any length: New road required will be 12' wide and .075 mile long. This new road is labeled and coded on Exhibits "B" and "C". (staked)
- B. Turnouts: one
- C. Drainage Design: New road will have a drop of 6" from center line on each side.
- D. Culverts, Cuts and Fills: none
- E. Surfacing Material: Six inches of caliche, bladed, watered, and compacted.
- F. Gates, Cattleguards, Fences: See attached Exhibit "C"
- G. The proposed road is staked.
- 3. Location of Existing Wells

See Exhibit "C"

#### 4. Location of Existing and/or Proposed Facilities

A. Tank Batteries: An Adobe Oil Company tank battery is located 0.375 mile north of the proposed location. See attached Exhibit "C".

#### B. Producing Facilities:

No additional facilities required. See Exhibit "C"

#### C. Oil Gathering Lines:

The proposed flowlines will lay not buried along side the proposed road.

D. Rehabilitation:

Pits will be backfilled and leveled as soon as practical to original condition. Commencement of rehabilitation operations will immediately follow removal of drilling and completion equipment from location. Rehabilitation of the surface is planned to be completed within 45 days from commencement.

#### 5. Water Supply

Fresh and brine water will be hauled from Eunice, New Mexico.

- 6. Source of Construction Materials
  - A. Caliche will be hauled from an existing pit in SE/SE, Section 15, T-20S, R-38E.
  - B. Caliche will be purchased from Earl Kornegay.
- 7. Methods for Handling Waste Disposal

Waste Disposal: Well cuttings will be disposed in reserve pit. Barrel trash containers to be in accessible locations within drill site area during drilling and completion procedures. All detrimental waste will be hauled away, burned or buried with a minimum cover of 24" of dirt. See Exhibit "D" for location of pits. If well is productive, maintenance waste will be placed in special trash cans and hauled away periodically. Any produced water will be collected in tanks until hauled to an approved disposal system, or separate disposal applications will be submitted to the survey for appropriate approval.

8. Ancillary Facilities

None

9. Well Site Layout

Exhibit "D" shows the relative location and dimensions of the well pad, mud pit, reserve pit, etc. The reserve pit will be lined with plastic. The pad and pits are staked.

#### 10. Plans for Restoration of Surface

Pits will be backfilled and leveled as soon as practical to original condition. Commencement of rehabilitation operations will immediately follow removal of drilling and completion equipment from location and rehabilitation of the surface is planned to be completed within 45 days from commencement.

#### 11. Other Information

- A. Terrain: smooth sand hills
- B. Soil: sandy
- C. Vegetation: Shinnery, sparse
- D. Surface Use: grazing
- E. Ponds and Streams: none within one mile
- F. Water Wells: none within one mile
- G. Residences and Building: none within one mile
- H. Arroyos, Canyons, Etc.: Monument Draw is approximately 4 miles SW of location.
- I. Well Sign: sign identifying and locating well will be maintained at drill site with the spudding of the well.
- J. Open pits: All pits containing mud or other liquids will be fenced.
- K. Archaeological Resources: none observed

#### 12. Operator's Representative

Field personnel who can be contacted concerning compliance of this Surface Use Plan are as follows:

Production and Drilling W. D. Cates or H. C. Pokrandt 1001 North Turner Hobbs, New Mexico 88240 Phone: 393-4141

#### 13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Continental Oil Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

fordat-

DATE

PEB:bnp







Ø न 5 1-250 100Rinp oven 86 Resource SC D Pad Enns H 3 CoTIWZI Rack Pipe CONTINENTal Oil Co. Lee. C. Moor 129' 2-Waukes ha NKR Hondo Rig # 1 U-15 EXHIBIT D 80

Continental Oil Company Warren Unit No. 60 Power Distribution

A plot is attached showing the proposed well location, existing roads, proposed road, existing power lines, proposed power line, also drawings of the pole design.

It is proposed to tie in to an existing primary line at approved location Well No. 54 and construct 1320' of primary line with a transformer bank at the well site. The new line will be constructed on the right side of the road at 330' per span. The proposed line is staked.





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Surface Owner's agreement

Continintal Oil Co. 60 Warren Unit XC 063 458 Sue 26-205-38E 1980/N 660/W

District Engineer U. S. Geological Survey

Gentlemen:

Re: WARREN UNIT N 0 60

This refers to the Form 9-331C, Application to Drill, Deepen or Plugback accompanying this letter. The undersigned hereby states that he has personally contacted <u>*Core Kornegay*</u>, the owner of the surface land where the proposed work is to be conducted and advised him of the proposed work, the construction site and pertinent roads included in the project. It is further stated that, upon being fully advised of the extent of the work and the effect upon the surface, said owner has consented to the said work and that agreement as to the compensation for damages to the surface estate has been reached.

It has been agreed, subject to change at that time, that upon abandonment of operations the roads shall be (ripped or left intact) and the pad shall be (ripped or left intact).

STATE OF NEW MEXICO COUNTY OF LEA

Subscribed and sworn to before me this <u>11th</u> day of <u>October</u>, 19 78

My commission expires October 27, 1978