(May 1963)		COPY TED JIATES	(Other instru	ctions on Budget Buleau No. 42-R1423.
		TED STATES	reverse s	
	GEOL	OGICAL SURVEY		5. LEASE DESIGNATION AND SEBIAL NO.
	N FOR PERMIT	TO DRILL, DEEP	EN OR PLUG	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1a. TYPE OF WORK		TO DRIEL, DEEL		
		DEEPEN	PLUG BA	CK 7. UNIT AGBEEMENT NAME
	WELL OTHER		INGLE MULTH	S. FARM OR LEASE NAME
2. NAME OF OPERATOR	VED LU VINER		ONE ZONE	WARREN UNIT
CONTINENT 3. ADDRESS OF OPERATOR	TAL OIL CO	MPANY		9. WELL NO.
_				10. FIELD AND POOL, OR WILDCAT
P.O. BOX 460 4. LOCATION OF WELL (I At surface	Report location clearly an	MM 88240 ad in accordance with any S	State requirements.*)	BLINEBRY OIL + GA INNESIGNALL
	AND 1980'FW	L		ALARKEN TUBBOU
At proposed prod. zon	ne			
14. DISTANCE IN MILES	AND DIRECTION FROM NE	AREST TOWN OR POST OFFIC	E4	5EC. 2.5, T205, R-382 12. COUNTY OR PARISH 13. STATE
				LEA NM.
15. DISTANCE FROM PROP LOCATION TO NEARES PROPERTY OR LEASE	T	16. NO). OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
(Also to nearest drl 18. DISTANCE FROM PROD	g. unit line, if any)		1920 ROPOSED DEPTH	20. ROTARY OR CABLE TOOLS
TO NEAREST WELL, I OR APPLIED FOR, ON TH	DRILLING, COMPLETED,	10.11	6900 '	
21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)		<u> </u>	22. APPROX. DATE WORK WILL START*
3569,9'(GR			Apr. 16, 1979
		PROPOSED CASING ANI	CEMENTING PROGRA	A.M.
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<u> 12 '/4''</u>	<u> </u>	<u>32.3</u> [#] 23 [#] 4 26 [#]	1600	600 SX CIrc
0_1	<i></i>		6900'	1425 SY CITC
AS SEE AT SEE ATT	S A DUAL' C TACHMENT F -ACHED FOR B PROPOSED PROGRAM: If drill or deepen direction	DIL WELL IN T OR 10 POINT 13 POINT Sur proposal is to deepen or p	THE BLINEBRY WELL PLAN RFACE USE Plan	
BIGNED War	2. Dutter fu	TITLE ADI	MINISTRATIVE BU	CEVISOV DATE 2-14-79
(This space for Fede	ral or State office/use)			
PEBMIT NO	/		APPROVAL DATE	APPROVED
APPROVED BY				AS AMENDED
CONDITIONS OF APPROV	AL, IF ANY :			MAR 1 4, 197A James J. Jenis James F. SUMS
4565 6				James J. Sins
NMFU 4 JFB REL		*See Instructions	On Reverse Side	JAMES F. SLAS
FILE		SEE HURDENOUS	UN INEVERSE JIGE	
1/100				

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

Continental Oil Company Warren Unit Nos. 70-74 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'	9 5/8", 32.3#, H-40,	ST&C
01		53001	7", 23#, K-55, ST&C	
5800'	_	6900 '	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 ppg spud mud 1600' - 6900' 9.0 - 10.0 pg 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 FCD 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 February 12, 1979, with a duration of approximately 21 days for each well.

PEB:vjk

WELL NAME: <u>Warren Unit No.72</u>

,

.

1

COUNTRY: ____Lea

LOCATION: <u>1960' FSL. & 1980' FWL</u> Sec. 25 T-205, R-38E

STATE: New Mexico

	FORMATION	DRILLING	TYPE OF	HOLE		1::G	{·] } =		M	i)
DEPTH	1 Gilling Contractions		FORMATION	HOLE				L H L L L L L L L L L L L L L L L L L L		
	TOPS & TYPE	PROBLEMS	EVALUATION -	SIZE	SIZE	рерти	C.	FORMATION PRESSURE CUMPENT	NEICH	T
	Plinstocone-Sur	face		(NI)	(IN)	(FT)	CFK CFK	10 170 170	(FPG)	
	Santa Rosa						(PPG)	(PPG)		1
	100-200									
	4									
1999										
	Rustler Anhy.	1570	·	12 1/4	9 5/8	1500'			8.5-	Fr
}	Salado Salt	1650							9.0	Wai
2000										
]									l i
	Tansill Anhy.	2730								
	Tates 35 2870	2750								
-3000-	·] · · · - · -									
			Geolograph Deflection							ĺ
		None Anticipated	0-TD			ļ				
	-					[
4000							1			
	San Andres dol	5. 4230			5				-	
							ļ			1
	-					ł				
	4				1					
	-									
	4]
	Glorieta SS	5550								
	a grotteed bo						ļ			1
		6025	GR-CNL-FDC			1	14.9			
<u> </u>	Blinebry Mkr	6035	DLL-Rxo							
			TD-2600'					Less		
	Tubb Mkr 6530							Than	9.0-	Sal
	Drinkard Dolo.	6800	Dipmeter TD-5400'	8 3/4	7"	6900'	15.1	8.5	10.0	Gel
	TD-6900		1 10-0400							
	-									
						ł	ļ			
					[
}	.1	1	1	1	I	1	1	1	1	7

CONTINENTAL (II COMPANY Blow-out Preventer Specifications



API SERIES 900

NOTE:

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

.

•

Form 7-192 Supersedes C-128 Effective 1-1-65

	All dista	nces must be from	the outer bound	aries of th	a section	
Continental	Oil Co.	1.00		en Uni	t	Well 100. 72
Tot etter Section Township			Range	······································	Jounty	
κ	25	20 South	38	East	Lea	
1980 test to the total of total o	South	line and 1	9 80	f oc t i	trom the West	line
2540 0	roducing Formation	Po			ESIGNATED	Dedicated Acreage:
1 Outline the acres	LINEBRY + TUBB		w <u>EBRY OIL</u>	,	hachure marks on th	e plat below
If more than one interest and royal		to the well, o	utline each	and ident	tify the ownership th	ereof (both as to working
	lease of different ov tization, unitization			e well, h	ave the interests of	all owners been consoli-
🗌 Yes 🔲 N	o If answer is "	yes," type of c	onsolidation	<u></u>	<u>;</u>	
If answer is "no. this form if neces		d tract descrip	tions which	have act	ually been consolida	ited. (Use reverse side of
						munitization, unitization, approved by the Commis-
			1		T	CERTIFICATION
i			l			
i			1			ertify that the information con- ein is true and complete to the
			i I			knowledge and behef.
	FR					A Ant il
ENUTA IA	TE		1		Position	Junipun
Olda	SUR		1		<u>Company</u>	estive Sugervism
	76) <u>VEY</u>		, 1			tal. Al Company 1979
2.04	WEXICO TO		1		20-14,	1979
OHN I	V. WEST		·			
			1			certify that the well location this plat was plotted from field
			ł			actual surveys made by me or
	2 A]		ł			supervision, and that the same nd correct to the best of my
			1			and belief.
			I I			
1					Date Survey	y 10,1979
			1			Protessional Engineer
	· · · · · · · · · · · · · · · · · · ·		, 		201	m W. West
		***			Confitticate	John W. West Or
0 330 660 90 13	20 1880 1980 2310 2	40 2000	1600 10	00 50	0 0	Ronald J. Eidson 323

District Engineer U. S. Geological Survey

Gentlemen:

RE: WARREN UNIT Nos 71,72,73,74

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>EARL 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 / Sinday of France, 1975

Notary Public

My commission expires 2-20-8/

Continental Oil Company Surface Use Plan for 10 Wells in T-20S, R-38E Lea County, New Mexico

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

1. Existing Roads

- A. The proposed well sites are as follows:
- Warren Unit No. 71 1980' FSL and 660' FWL, Section 25
 ➡ Warren Unit No. 72 1980' FSL and 1980' FWL, Section 25
 Warren Unit No. 73 1980' FNL and 1980' FWL, Section 25
 Warren Unit No. 74 660' FNL and 1980' FWL, Section 25
 SEMU Warren No. 103 1980' FNL and 330' FWL, Section 29
 SEMU Burger B No. 104 1980' FSL and 1650' FWL, Section 20
 SEMU Permian No. 105 1320' FSL and 1320' FWL, Section 19
 SEMU Permian No. 106 2640' FSL and 1320' FWL, Section 19
 SEMU Permian No. 107 2640' FSL and 2640' FWL, Section 19
 SEMU Burger B No. 108 1980' FSL and 330' FWL, Section 20
- B. Exhibit "A" is a portion of a New Mexico road map showing existing black top roads. Directions to the area are as follows: From Stanolind Road south of Hobbs, travel south on Highway 18 for approximately 9.5 miles to Conoco's Warren Unit. The Warren Unit wells are located on the east side of the highway. Access is obtained by driving on the lease road opposite Conoco's red, white, and blue pumping units. The remaining wells are accessed via the lease road opened by Conoco's red, white and blue cattleguard. Refer to attached Exhibit "B" for lease road directions.
- C. Access raods are shown on Exhibits "B" and "C".
- D. No improvement or maintenance is anticipated for the existing roads.
- 2. Planned Access Roads
 - A. Width and Length: New roads required will be 16' wide and varying in length as shown on Exhibit "C". The new roads are labeled and coded on Exhibits "B" and "C".
 - B. Turnouts: None

- C. Drainage Design: New roads will have a drop of 6" from center line on each side.
- D. Culverts, Cuts and Fills: No culverts, major cuts or fills are required.

- E. Surfacing Material: Six inches of caliche, bladed, watered, and compacted.
- F. Gates, Cattleguards, Fences: None required.
- G. The proposed roads are staked.
- 3. Location of Existing Wells

See Exhibit "C"

4. Location of Existing and/or Proposed Facilities

- A. Tank Batteries: Existing batteries are spotted on Exhibit "C".
- B. Producing Facilities: No new producing facilities are required.
- C. Oil Gathering Lines: Flowlines will lay on the surface alongside the roads.
- D. Other Lines: Electrical power lines will be constructed on 330' spans as shown on Exhibit "E". The construction and equipment specifications are included.
- E. Rehabilitation: Pits will be backfilled and leveled as soon as practical to orginal 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. <u>Water Supply</u>

Water for the Warren Unit Wells will be hauled from Eunice, N. M. The remaining wells will be supplied from the Eumont Hardy Water System.

6. Source of Construction Materials

Caliche will be hauled over existing roads from an existing pit in Section 15, T-20S, R-38E. See Exhibit "C".

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: Rolling sand hills
- B. Soil: Sandy
- C. Vegetation: Shinnery, sparse
- D. Surface Use: Grazing
- E. Ponds and Streams: None within one mile.
- F. Water Wells: See Exhibit "C"
- G. Residences and Building: None
- H. Arroyos, Canyons, Etc.: None
- I. Well Sign: Sign identifying and locating wells will be maintained at drill sites with the spudding of the wells.
- J. Open Pits: All pits containing mud or other liquids will be fenced.
- K. Archaeological Resources: None observed.

12. Operator's Representive

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 sites 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.

2/13/79

H. C. Pokrandt Production Superintendent



٠.

5

29 E - -

.

6

-=- 8

10.000

S. 5. 24

G





F & J 47 ··· 10 K allor Rup 0-250 open 20/ Reserve P.7 RKA HOUL Pzd SCD $\hat{\varphi}$ 11115.4 Barrol 200 I S. COTIWZ CONTINENTS/ Oil Co. えるによ Pipe Lee. C. Moor 129' 2-Waukesha NX Hondo Rig # 1 U-15 EXHIBIT



r

.





	33 class 6 creenoted pine pole 3 1/2" x 4 1/2" x 8 treated crossen "high density wet process porcelain pin Insulator 5/8" x 5" Forged steef pin w/sq. waher, nut, 6 1 ocknut 5/8" x 12" markine bolt w/ nut (or length req'd) 2 1/4" x 1 1/4" x 26" flat (rossem Brace 1/2" x 1 1/4" x 26" flat (rossem Brace 5/8" x 4 1/2" Certrage Bolt w/ Nut 9/8" x 4 1/2" Certrage Bolt w/ Nut 9.5" x 4 1/2" Certrage Bolt w/ Nut 9.5" x 4 1/2" Certrage Totator Rods, size req'd 5.6" subjects of the pole for ASR, Alumfrum, of Coppersite req'd 6" Subjects Squeeze on Connector 5/8" x 18" (or length req'd) Double Arming Bolt w/s sq. nuts Boy is a late i - see dwg No, FS-10 for specs. Squeeze on basket, size required
	r r 881 881 568/3 77/28 77/28 77/28 85/37 77/28 77/28 85/37 77/28 85/37 46/200 65/02 51520A6P
	4050
DATE: DRAWN DESIGN APPROV SCALE:	HERS, NO. NEARWEY 471.02540 KUARNEY SERIES "BI"
DATE: ////////////////////////////////////	X X X
TITLE DESCRIPTION MATERIALS PRODUCTION DEPT FOR SPECES ES-1 SHEET 1 OF 3	

	and a second	α το			
		00 44 00 00	NN FILL KX	┟┽┟┼┼┝┿	ITEM
		<u>connectore</u> . reg'd <u>size LB fitting & cover & gaaket</u> transformer tank grounding terminal Bird Guards (Insulating boots on transformer bushings)	Aluminum deedend Preforms for ACSR, size req'd 30' class 6 creessted pine pole OVERHEAD GRUD, 94 ACSR - If Req'd - Ref. Dwg ES-11, FS-1A - Note 3 Eround connector, motor 600 V. secondary lightening errestor single phase Creeniald Type EP liquid-tight fiexible steal conduit, size req'd, V necessary liquid-tight	Primary Cutout - 100 mmp, 15 KV, 16000 amp int, cap, General Purpose "U" bot Clamp Lightening arreator, 10 KV Single phase oil switch, 14,4 KV split bolt connector, size reg'd Arrounding spece. see deg No. ES-11 & ES-1A, Note 3 57 clame 4 creosored pine pole	DESCRIPTION
		5, <u>6 w</u> 5-/5		., FZXX/015G UC 510AGP	A. B. CHANCE NO.
					JOSLYN NO.
DATE: 12-27-71 DRAWN BY: DESIGN BY: CHECKED BY: APPROVED BY: SCALE: NOWE		<u>-538888898888888888888888888888888888888</u>	ULKNOY KC.22 X	HSUARDISON KAHC 2	OT HER NO. HFRS. NO. SUB.
TITLE DESCRIPTION MATERIAL PRODUCTION DEPT. HOBBS DIVISION DRAWING NO. HOBBS DIVISION DRAWING NO. HOBBS DIVISION HOBBS DI HOBBS DIVISION HOBBS DIVISI					

X.

	DESCRIPTION double upset bolt s/sq. nut, round washer, and cotter key on short end, sq. nut and MF locknut on long end, 15 1/8" long, or length required.) uet proceeds porcelain secondary spoil insulator, "", brown glaze conduit w/ servicehead(s) & req'd size & rated insulator clevis for 4" insulator y", brown glaze conduit w/ servicehead(s) & req'd size & rated insulator clevis for 4" insulator y", brown glaze req'd straisformer cluster mount bracket (small) transformer cluster mount bracket (large) for v, Rf, Dug No. 55-18 16" cross plate anchor for size req'd) spoil form glaze wet process porcelain secondary spoil form glaze strain holds with vet straight for req'd. Chance No. 3427 3/8" x 12/1/" bolts for sy clamp w/) 1/" bolts netium size strain insulator for sy clamp w/) 1/" bolts netium size strain insulator serving elseve for 3/8" gy strand 3/16" x 0" 1/8" bolts netium size strain insulator vet process porcelain secondary spool insulator, 4" - white glaze	
	A. B. CHANCE NO. 7628 7628 5570 5572 5572 5317 (NUT 5500 6P) 5317 (NUT 5500 6P) 5317 (NUT 5500 6P) 56933 1/2 66934 7887	
	L OIOL	
	EWR WDY SERVES 'NO, EWR WDY SERVES 'NO, ALUMATORH 15H3-6 ALUMATORH 15H3-6	
DATE: 12-27-71 DRAWN BY: DESIGN BY: CHECKED BY: APPROVED BY: SCALE: NONE		
TITLE PRODUCTION JOB		
CONOCO PT HOLE BRAWING T SALET		•
DIVISION		الله



N .

NOISIAIG

