# N. M. O. C. C. COPE

SUBMIT IN TRIP!

(Other instructions of reverse side)

Form approved. Budget Bureau No. 42-R1425.

# **UNITED STATES**

DRILL b. TYPE OF WELL OIL WELL CAS WELL 2. NAME OF OPERATOR	OR PERMIT T	DEEPEN	DEEPEN, OR	PLUG E	BACK	6. IF INDIAN, ALLO	(920 total acr							
DRILL b. TYPE OF WELL OIL WELL CAS WELL 2. NAME OF OPERATOR				PLUG E	ACK	6. IF INDIAN, ALLOT	TEE OR TRIBE NAME							
DRILL b. TYPE OF WELL OIL WELL CAS WELL WELL NAME OF OPERATOR					APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK									
b. TYPE OF WELL OIL WELL CAS WELL WELL C. NAME OF OPERATOR	K.XI	DEEPEN	¬ ,	LUG BA		7. UNIT AGREEMEN	T NAME							
OIL GAS WELL WELL NAME OF OPERATOR				LUG BA										
NAME OF OPERATOR	GINGIN CO MILITIDI CO													
	WELL AM WELL OTHER ZONE ZONE ZONE ZONE ZONE													
Cleary Petrole	um Corporatio	on				9. WELL NO.	2							
P. O. Drawer 2	٠	10. FIELD AND POOL, OR WILDCAT												
LOCATION OF WELL (Report			th any State require	ments.*)		Wildcat								
At surface 1980' FS		11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA												
At proposed prod. zone		3, T-7-S, R-30-E												
4. DISTANCE IN MILES AND I	DIRECTION FROM NEAR	ST TOWN OR POS	T OFFICE*			12. COUNTY OR PARISH 13. STATE								
10 miles south	west of Kenna	ι				Chaves New Me								
DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, (Also to nearest drig. uni	)'				OF ACRES ASSIGNED THIS WELL 40									
3. DISTANCE FROM PROPOSED TO NEAREST WELL, DRILLI OR APPLIED FOR, ON THIS LEA	LOCATION* NG, COMPLETED,	ne	19. PROPOSED DEPTH 20. EOT 4000'			Rotary								
. ELEVATIONS (Show whether						22. APPROX. DATE WORK WILL START*								
4236.5' <b>GL</b>							December 1, 1976							
3.	PI	ROPOSED CASI	NG AND CEMENT	NG PROGR.	AM									
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F	FOOT SETTING DEPTH		1	QUANTITY OF CEMENT								
11"	8-5/8"	24#	300'			200 sx								
7-7/8" 4-1/2"		9-1/2	/2# 4000'			225 sx								
	'		'		'									

intervals of interest.

Operations are expected to be completed 21 days after spud.

RECEIVED

NOV 22 1976

U.S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO

zone. If proposal is to drill or deepen	RAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout
preventer program if any 24.	TITLE District Production Manager DATE 11-19-76
(This space for Federal or State offi	APPROVIT DIMP
APPROVED BY CONDITIONS OF APPROVALIF ANY:	THIS APPROVAL IS RESCINDED IF MONTHS.  ARE NOT COMMENCED WITHIN 3 MONTHS.  EXPIRES MAR 2 0 1977
ACTING DISTRICT FOR 15-D	*See Instructions On Reverse Side

WW. W. W. SHELL ST. CO. TIO

# NEW TICO OIL CONSERVATION COMMISSION WELL LUCATION AND ACREAGE DEDICATION PLAT

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

All distances must be from the outer boundaries of the Section U.S. GEOLOGICAL SURVEY Federal 75 CLEARY PETROLEUM CORP. ARTESIA NEW MEXICO nit Letter Section Township 30 East 7 South Actual Foctage Location of Well: 1980 west south 1980 line and feet from the Ground Level Elev. Producing Formation Poc.i ledicated Acreage: 40 San Andres Wildcat 4236.5 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? If answer is "ves," type of consolidation. 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 Commission. CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Agent CLEARY PETROLEUM CORP. Nov. 19, 1976 I hereby certify that the well location wn on this plat was plotted from field 980 Date Surveye Nov. 15, 1976 676

1000

1320 1680

50Q

Minio W. W. 1988 14 10 110



#### CLEARY PETROLEUM CORPORATION

P. O. DAMWER 2353 M.SLAND, FIXAS 79701 (815 SER ATC) 405 WALL TOWARS EAST MIDEAND DISTRICT OFFICE

November 19, 1976

RECEIVED

United States Department of the Interior Geological Survey P. O. Drawer U Artesia, New Mexico 88200 NOV 22 1976 U.S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO

Attention: Mr. Leon Beekman, Assistant District Engineer

Re: Federal "35," Well No. 2 1980' FSL & FWL Section 3, T-7-S, R-30-E Chaves County, New Mexico

#### Gentlemen:

In compliance with the NTL-6 requirements the following information is provided as an attachment to the Form 9-331C, "Application for Permit to Drill, Deepen, or Plug Back":

- 1. The surface formation is Tertiary-Ogallala.
- 2. Formation tops are as shown on the, "Drilling Prognosis".
- 3. Depths of oil bearing formations (primary and secondary) are as shown on the, "Drilling Prognosis".
- 4. Casing as shown on the, "Drilling Prognosis".
- 5. Information on the "Blowout Preventer Hook-up" (as shown on the Schematic Attachment "l") with pertinent information on testing procedures and testing frequency (as shown on Attachment "l"-A).
- 6. Characteristics of circulating medium as shown on the, "Drilling Prognosis".
- 7. None required except those supplied by drilling contractor including kelly cocks and stabbing valve.
- 8. Testing and logging are as shown on the, "Drilling Prognosis".
- 9. No abnormal pressures or temperatures are expected to be encountered. Potential hazards such as hydrogen sulfide gas are also not expected but adequate equipment will be provided by drilling contractor should it be necessary.

-2- November 19, 1976

U.S.G.S.

10. The anticipated starting date of this operation is as soon as possible upon approval of request and should be completed in approximately 21 days after commencement of drilling.

Should any other information be required, we will supply it upon request.

Very truly yours,

CLEARY PETROLEUM CORPORATION

W. E. Lorenz

District Production Manager

WEL:RBW:ph

#### DRILLING PROGNOSIS

#### CLEARY PETROLEUM CORPORATION

## Federal "15" Well No. 2

November 19, 1976

Wildcat Chaves County, New Mexico

Location:

1980' FSL & 1980' FWL, Section 3, T-7-S, R-30-E,

Chaves County, New Mexico.

Elevation:

4236.5' GL (Datum to be KB Elev.)

Proposed Total Depth: 4000' Est (to be drilled with rotary tools).

Hole and Mud Program: 11" to 300', drill with fresh water spud mud (Bentonite & Lime), viscosity 50-70 sec., 7-7/8" to 4000', drill with salt water gel with paper for wall cake control and corn starch for water loss control. Magcobar Mud.

> Weight 10.4 to 10.7# /gal 30 to 40 sec/1000 cc Viscosity 10 cc

Water Loss

Logging Program:

Formation Density Compensated Neutron (FDCNL)

(2) Microlaterolog (MLL)

(3) Laterolog (LL<sub>3</sub>)

Temperature Survey - Top cement behind 4-1/2" casing (4)

Gamma Ray/Collar Locator Correlation Log

Drill Stem Test:

San Andres - Possibly one test.

Casing and Cementing Program: 8 5/8": 300', 24#, J-55, 8RT (ST&C) new casing to be set approximately in anhydrite above Redbed section and cemented to surface with 200 sacks Class "C" (2% CaCl). Cement to be displaced by pump and plug method. Use a guide shoe and three (3) centralizers. Test to 600 PSI for 30" (after cement has set 18 hrs) prior to drilling out. 4 1/2": 4000', 9.5# (or better), J-55, 8RT (ST&C) new casing to be set sufficiently below the "P-3" porosity zone and cemented with 225 sacks Pozmix "C" (2% gel) with 3# salt/ sack and mixed 0.5% CFR-2. Run guide shoe with insert float valve on top first joint and five (5) centralizers.

Formation Tops:	Russler	1081	(+3155')
	Yates	1488	(+2748')
	Seven Rivers	1580	(+2656')
	Queen	2208	(+2028')
	Grayburg	2218	(+2018')
	San Andres	2616	(+1620')
	Phi Marker	3125	(+    +)
	P-1	3277	(+ 959')
	P-2**	3370	(+ 866')
	P-3*	3450	(+ 786')
	P-4**	3685	(+ 551')
	Glorieta	3920	(+ 316')
	*Possible pay	zones (oil be	aring)
			nes (oil bearing)

#### Surface Formation:

Tertiary-Ogallala

#### SUGGESTED PROCEDURE

- 1. Drill 11" hole with fresh water spud mud (Bentonite & Lime) to approximately 300'.
- 2. Run 8-5/8", 24# casing and cement w/200 sacks cement with enough volume to circulate to surface. Use a guide shoe and three (3) centralizers on bottom 100'. Pump plug down with water and wait on cement (WOC). Pressure to 600 PSI after eighteen (18) hours and test for 30" (drop should not be more than 100 PSI).
- 3. If tests OK, drill out with 7-7/8" bit and salt water gel. Use paper for lost circulation material to control "filter cake build-up" in the porous sands under the surface pipe.
- 4. Have water loss control in mud prior to topping the "P-2" porosity zone at approximately 3375'.
- 5. At approximately 4000' (proposed TD picked by geologist) circulate hole clean and run (1) Formation Density Compensated Neutron (FDCNL); (2) Laterolog (LL<sub>3</sub>) and (3) Microlaterolog (MLL).
- 6. Run 4-1/2" (9.5# or better) casing and cement w/225 sacks Pozmix "C". This should be a column of cement 1050' high (using 30% excess) and will fill to approximately 2950'. Use a guide shoe with an insert float valve in top of the first collar and five (5) centralizers spaced on depths from the caliper survey. Pump plug with 2% KCL water mixed l gal/1000 gal Moreflo (demulsifying agent).
- 7. Wait on cement eighteen (18) hours and cut-off and hang 4-1/2" casing in wellhead and release rig.

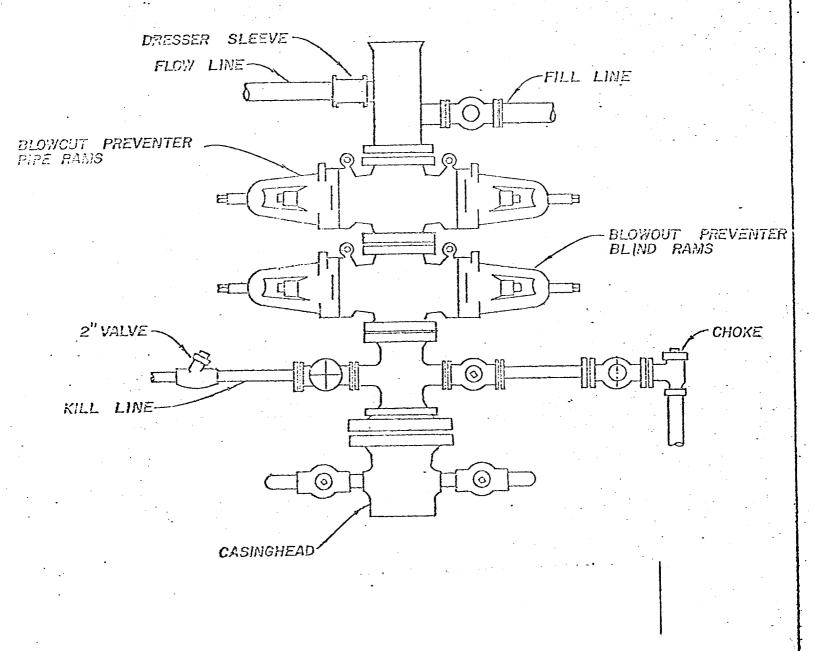
  NOTE: Run Temperature survey inside 4-1/2" casing (after 12 hrs WOC) to establish top of cement behind 4-1/2" casing.
- 8. Move in double drum unit (after setting deadmen) and run Gamma Ray/Collar Locator Log. Correlate with Formation Density Compensated Neutron Log.
  - 9. Perforate 1 shot per foot in San Andres porosity.

# Page 3

- 10. Run 4-1/2" X 2-3/8" packer on tubing and circulate 15% NE acid over perfs. Pull up and set packer above perfs. and acidize w/500 gals 15% NE acid.
- 11. Swab test perfs. to test tank.
- 12. Any subsequent work will be planned after testing.

## BLOWOUT PREVENTER HOOK-UP

#### 2000 PSI WORKING PRESSURE



ATTACHMENT "1"
CLEARY PETROLEUM CORPORATION
Well No. 2 - Federal "185"
1980' FSL & 1980' FWL
Section 3, T-7-S, R-30-E
Chaves County, New Mexico
RBW:ph

#### BLOWOUT PREVENTER OPERATING AND TESTING PROCEDURE

Prior to installation, all blowout preventer equipment will be inspected by operator's representative. This inspection will include visual inspection of ring grooves, bonnet seals, connecting rods and body bore and pressure testing of the opening and closing chambers to pressure limits approved by manufacturer.

The Ram type preventer will be pressure tested to 200-300 psi and casing working pressure upon installation. The full blowout preventer stock will be pressure tested weekly and after each Ram change to 200-300 psi and to the lower of the following maximums:

- 1. Required working pressure on Ram type preventer.
- 2. Wellhead working pressure.
- Casing working pressure.

An operational test of the blowout preventer will be performed on each round trip but no more than one (1) each day. The pipe Ram preventer will be closed on pipe and the blind Rams closed while out of the hole. A drilling crew proficiency test to perform the well shut in procedure will be performed at least once each week with each drilling crew.

ATTACHMENT "1"-A
CLEARY PETROLEUM CORPORATION
Well No. 2 - Federal '15"
1980' FSL & 1980' FWL
Section 3, T-7-S, R-30-E
Chaves County, New Mexico

# MULTI-POINT SURFACE USE AND OPERATIONS PLAN

CLEARY PETROLEUM CORPORATION

WELL NO. **2** - FEDERAL '**35**'

1980' FSL & 1980' FWL, Sec. 3-7S-30E

CHAVES COUNTY, NEW MEXICO

LEASE NO. 11963

This plan is submitted with the Application for Permit to Drill the above described well. The purpose of the plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of necessary surface disturbance involved, and the procedures to be followed in rehabilitating the surface after completion of the operation so that a complete appraisal can be made of the environmental effects associated with the operation.

## 1. EXISTING ROADS:

- A. Exhibit "A" is a portion of a highway map showing the location of the proposed well as staked. At Kenna (65 miles west of Roswell on U.S. 70) go 8 miles south on an improved road and continue approximately 3.6 miles southwesterly on the same improved road on the right fork in the road. Turn right and go north approximately 3/4 mile on a lease road (referred to as the Forest Road).
- B. Exhibit "B" is a plat showing all existing roads within a three mile radius of the wellsite, and the planned access road. The access road shown in blue coloring is a caliche surfaced road over which oil field traffic enters the existing Cato Field to the south.
- C. No existing roads are available from this point to the wellsite.

# 2. PLANNED ACCESS ROADS:

- A. Length and Width: New roads will be 12' wide and 8,580' long.
  It will tie-in to a proposed road (to be built for the Federal "15" lease) on the southeast corner of Sec. 9. This road is also shown in red coloring on Exhibit "B". The center line of the proposed new road from the beginning to the wellsite, has been staked and flagged with the stakes being visible from one to the next.
- B. Surfacing Material: The road will be graded across the natural surface (where loose sand is not present) and will be watered and compacted. Where loose sand is present (along the east-west segment in Section 3 for approximately 600'), six inches of caliche will be spread, watered, compacted and graded.
- C. <u>Maximum Grade</u>: 3 percent.
- D. Turnouts: None required.
- E. <u>Drainage Design:</u> New roads will have a drop of six inches from center line on each side.

- F. Culverts: None required.
- G. Cuts and Fills: None required.
- H. Gates, Cattleguards: One cattleguard will be installed in fence at the southeast corner of Section 9. Location is shown on Exhibit "B".

### 3. LOCATION OF EXISTING WELLS:

A. Existing wells within a two-mile radius are shown on Exhibit "B".

# 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:

- A. There are no existing production facilities (battery, lines, etc.) presently on the lease.
- B. If the proposed well is completed for production the tank battery and flow line will be located on the northwest corner of the pad and no additional surface disturbance will occur.

## 5. LOCATION AND TYPE OF WATER SUPPLY:

A. Water for drilling will be purchased from Mr. Bud Bilberry from a tank (approximately five miles south of Kenna) and transported by tank truck to the wellsite over the existing and proposed roads shown on Exhibits "A" and "C".

# 6. SOURCE OF CONSTRUCTION MATERIALS:

A. Since there is no existing caliche pit in the area, caliche for surfacing the road (where applicable) and the well pad will be obtained from a new pit to be located on patented surface (over Federal minerals) in the SW/4 of the SE/4 of Section 15. The location of the pit to be opened is shown on Exhibit "B" and the corners have been staked and flagged. Approval to open the pit has been obtained from the Bureau of Land Management provided that they are furnished a letter of consent from the surface owner (Mr. Bud Bilberry at Kenna).

# 7. METHODS OF HANDLING WASTE DISPOSAL:

- A. Drill cuttings will be disposed of in the drilling pits.
- B. Drilling fluids will be allowed to evaporate in the drilling pits until pits are dry.
- C. Water produced during tests will be disposed of in the drilling pits. Oil produced during tests will be stored in test tanks until sold.
- D. Current laws and regulations pertaining to the disposal of human waste will be complied with.

- E. Trash, waste paper, garbage and junk will be buried in a separate trash pit and covered with a minimum of 24 inches of dirt. All waste material will be contained to prevent scattering by the wind. Location of trash pit is shown on Exhibit "D".
- F. All trash and debris will be buried or removed from the wellsite within 30 days after finishing drilling and/or completion of operations.

### 8. ANCILLARY FACILITIES:

A. None required.

#### 9. WELLSITE LAYOUT:

- A. Exhibit "D" shows the relative location and dimensions of the well pad, mud pits, reserve pit, trash pit and location of major rig components.
- B. Only minor levelling of the wellsite will be required. No significant cuts and fills will be necessary.
- C. The reserve pit will be plastic lined.
- D. The pad and pit area has been staked and flagged.

# 10. PLANS FOR RESTORATION OF THE SURFACE:

- A. After completion of drilling and/or completion operations all equipment and other material not needed for operations will be removed. Pits will be filled and location cleaned of all trash and junk to leave the wellsite in an aesthetically pleasing condition as possible.
- B. Any unguarded pits containing fluids will be fenced until they are filled.
- C. After abandonment of the well, surface restoration will be in accordance with the agreement with the surface owner. Pits will be filled and location will be cleaned. The pit area, well pad, and all unneeded access road will be ripped to promote revegetation. Rehabilitation should be accomplished within 90 days after abandonment.

## 11. OTHER INFORMATION:

- A. Topography: Land surface is generally flat from an elevation of 4236.5 feet at the wellsite, the land surface slopes gently toward the southwest at about 5 feet to the mile.
- B. <u>Soil</u>: Soil is a shallow to medium deep fine sand underlain by clay and caliche.

- C. Flora and Fauna: The vegetative cover is generally sparse and consists of beargrass yucca, sandsage and perenial native range grasses. Wildlife in the area is that typical of semiarid desert land and includes coyotes, rabbits, rodents, reptiles, dove, quail, and an occasional antelope.
- D. <u>Ponds and Streams</u>: There are no rivers, streams, lakes or ponds in the area.
- E. Residences and Other Structures: The nearest occupied dwelling is a ranch house in excess of 5 miles northeast of the wellsite. The nearest water well is a windmill 2-1/2 miles northeast of the wellsite.
- F. ARCHEOLOGICAL, HISTORICAL AND CULTURAL SITES: None observed in the area.
- G. Land Use: Grazing.
- H. <u>Surface Ownership</u>: Wellsite is on patented surface over Federal minerals.

## 12. OPERATOR'S REPRESENTATIVE:

The field representatives responsible for assuring compliance with the approved surface use and operations plan are as follows:

W. E. Lorenz
District Production Manager
405 Wall Towers East
Midland, Texas 79701
Office phone: 915-683-4793
Home phone: 915-682-5998

D. W. Rice Assistant District Production Manager 405 Wall Towers East Midland, Texas 79701 Office phone: 915-683-4793 Home phone: 915-684-4724

## 13: CERTIFICATION:

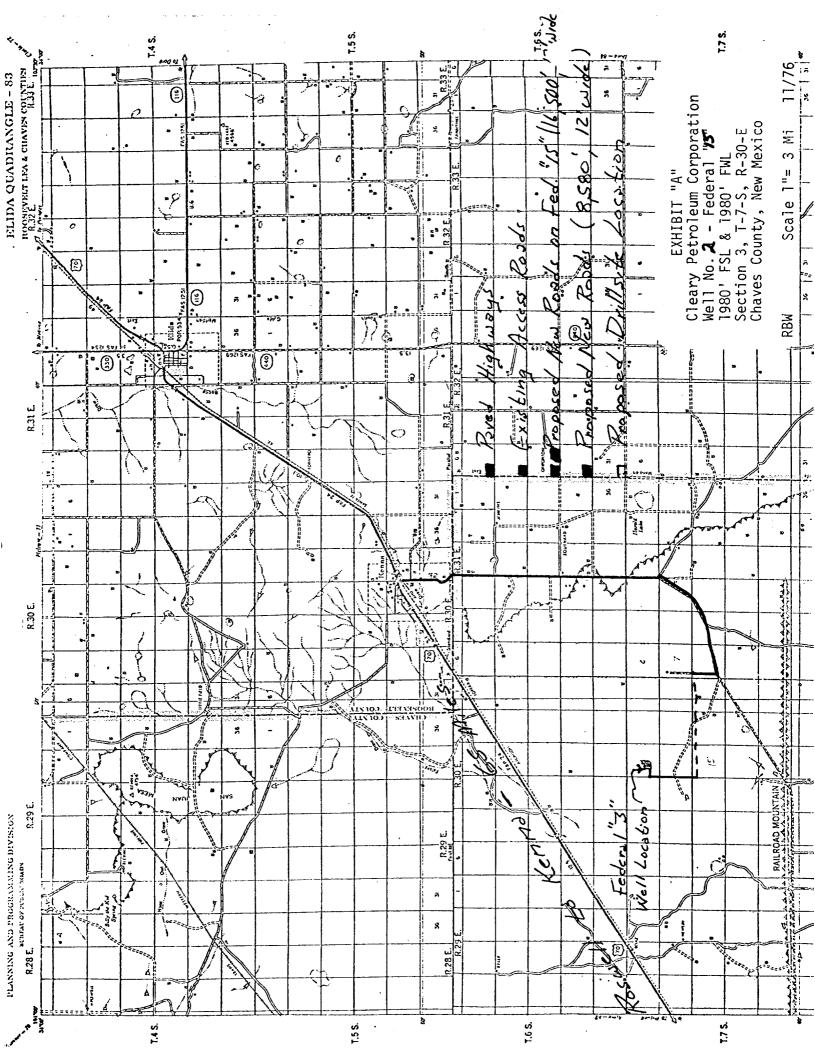
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge true and correct; and, that the work associated with the operations proposed herein will be performed by Cleary Petroleum

Corporation and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

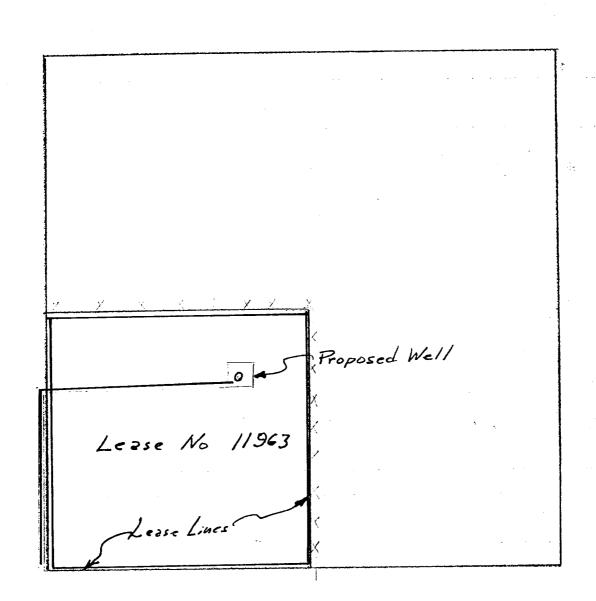
November 19, 1976

William E. Lorenz

District Production Manager



33		Ja e g W. Doris	SILLUNGOVA US. US.			v.s.			U.S.				<del></del>				
, ; ,		AR.Co.	ARCo. 3 · 2 4 · 7¢	J.J.Grynberg 4 · 1 · 8 · 1			JM Thomas Brodsma			J.J.Gryngerg 431922 43192			į	es.13 (		5 . 5 · 5 ( b);	
37	\$ 1 - 05 2 1 - 05	3.4.6 J.N. 276'2. 675'	F.J. KMBritt		1530h		81427 3A					7, 53 197, 51	mann ea briliair	1			
			174.L	1 · 84	lexaco Fotters				2	6	25				1845	93	) 
	GordonTanner		·22 J 28		EI 4719 10 8104	<i></i>			C.E Stronge		Amini				វេននេះ		(* 
	6 · 1 · B4 20962			100200 PENNT300 211 6637			t5085			(94)7				is es ?	, · ·	` .	
	vs.		U. 3.	3. 2-11-61	~ US.			υ <sup>'</sup>	5.		· v.\$				l	إ	
	.V Transs		км			⊕.	J.D.Cook 8 4 76	776	กับระเอ	C.E.Strongs		Sheno 8 · 1 ·			Entron 13:1	- 91	ļ»,
	\$-1-93		209	94 FI	3.7.4.					£500\$		1.G-2	53		14.15 3 44.15		į
			•	÷.	E.H. Boll Puri Fo	engerto	Jess Bick EM Pross		31	·		3	6 . 6 .		ក្សភ <u>ិ</u> ក្រ	lana ce <sup>s</sup>	f 51~-
j	32	\$1011	3	<b>.</b>		J. M. Thomas	4 : #2			Amini H -1 83 19437		·			14.1.5h	0,13	j :
		·			l I	2·1·83 17427				19437		•			184		ĺ
	1 23 - 75 1 23 - 75 1 23 - 75 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	y.5.	ט	<b>\$.</b>	HJ. HJ.	<b>.</b>	l 5.	<u> </u>	U.	\$.		\$1,	le material			المحتجا	{ 
=		A Schellinger	CA Schellinger	C.A. Schellinger	1000	Schel-	3. 2. 1/13 . 1 C.A. Schellinger 3 - 6 - 85	CA Schel	1	74 66 21 35 35 7	17.11.5ho	130.	33.36 (13) Shenond 13.11 ft	ולסכ	Shern	, 63 , 450µ	1774     1822
	1	3 - 17 - 85	3 · 17 B5	18 503 3	}	15674	3.6.85	10 50 H	T <sub>SS</sub>	1. J	183	.7	11025		1822		i
	F5*3 - 3: 74	18 8,4% 2019.	J.R.E. U.W. Davis	ม 5.	J.H Mesrej-	5			7-1-82	LG-337			 				i .
		e i o ·	ere 4	MoverEs Fution Hagair : etat	Claar	Pci	Proposed		•	•			11.4.\$1.5r .6 · 1 · 1845	83	70 50 . 7	•	
				6 - 21 - 76		- Y	Well	C.Schirl- linger	}		H:10 174			~	F	ا ا ما	
-,5;	į.	Physist Hohi & Physis J Adoms is C.J.Allison at of	Pagiliss Mant E.P.A.	llison, et of	Fed	3"	R. E Sand	linger 6 - 1 - 65 LG-2-3 - 13 🖸			กักเจา	3/4 23	ųs.				v :.
-		,		P.H Fulton, elc: Sun	Fullon elal	Sur		Honlad		UVInd. IShorldi 5-1-05   5-1-03 25015   15-1-03	UVInd.	Halp	Noniod Oil 1-1-821		12.11 1		Ye.
]			3.P. S.ms.etal \$2	G + 21 + 76	6 - 21 -		10	1200	7   	10497		wells	15907	~ ·	1080		
	בינה לה להנית עובה בינה ביל אל היים ביל היים היים היים בילה יים	Veluin Schünzler Eile Schündler EstnerSchöndel	Special Col. Cols	10	2	J	0			} <del></del>	Wells	JVInd.	l. 2 ₩.Ħ. →	<b>⊚</b> .	10%;	1 .	$i^{i}$
	C. Fries			AND End	EUn	RH. Fulton	C. Schellinger	P.H. Fulton etot	1 Sun 21 - 76	Allied Chern 5-21-74	Shenond 15- 1 - 16- 5 -	82	Short Jr.     Short Jr.     Short Jr.     Short Jr.		4 70	. HOLIN, 2011/66, \$550	ŀ
ķ.	.3415				Y A Than	etol	11563					٠,	ستها	Print.	Till T	is is is i ndooh ndooh	4
	υ S.	allen Busdvine S	Prytiss Halis Prytisu Jaamsia C.J. Allison etcl		Jelen W.	-	V U.S.	5.y H+.	weli etal	Mildred L'pstamb			.3. (12) E-R.H. 617/2	3	187	( B	y <b>s</b> .
i		CA Schellinger	Cattlege	ard T	CAS:h	Hinger	Cleary Pat.	5-21 76	. a . s.	Allied Chem.	RH, Fullenta clat	21-74	ruston Pann	1165	Redie	,,,,	i i
		81563	1.G-26 10 5	<b>83</b> 5	8 · 1 · 1567			A STORY	232011	الانطيط	6 73 76 G	u I Mad	6-376" ( rell by         ks:-75     stot by	Sun -7:-76	1111 1	•	1,50
66	ا جي دونون جي ندر		J.	6	L,	1	- fed 15	5.31	Sun	Eipstamb Eipstamb R.H. Sun	Jexos		ˈ3i-		11.31 3		8. 8
د:،		AnnoAlford 10 - 1 - 25 26384	•		Claar	j Pet,	A Schellinger 8 - 1 - 82 15574	15674	6.29 76	Furion 16-29 76 6101 6-29 76			ting	8		سيسير	
	\$ K		Propose	one Pit			90 Fr.	Fullon	•		Emmal A	مجموعة :بل	Road UVInd.		1117	-	
	Co	u.S.	5101	·	12		[eigi",		Ses: C	socar, stol	Texo:	( )	J. Deflore	Non A	) 5777777	Bote	· [ 0.
200	5. J. Ē 7.	radshaw 1- EZ	UV Ind. 5 · 1 · 85 25015	ICASchillinger   8 · 1 · 21   14(4)		2	orodstan • 1• 82 5056		C.A.5:	hellinger e : BI Isec.	2.70		Sp.Uni:	78	6	170 2 2 n	177°
		Ugeris EA	Fandleton LondeExpl	LA Schellinger	C.A. Sche	ilinger • 01	C.A.Schellinger	1 .	Uyln		Uyind	94	4.71	76	सि छ <sub>े</sub> ।	25.00	3
2)	2335	5° 0	U.S. p	U.V.Ind Va		2	ر از	<u>Б.н</u>	5 5	Cresby#/a	Jaglma!	· · · · · · · · · · · · · · · · · · ·	So.Uni	15	16.57	. 1	9-
}	Fendielonk 4 : 1	ood&Ex⊅!.	R L. Hayare E. Len Mayer 6 • 2: • 75				C.A. 5:hellinger 3 • 29 • 80 4 • 29 • 80	1 5 to 1	2 23 0 1 2 23 0 0 1	Fullone L. Bure.	LLS A.M So.U	. 7¢	4 · 27 ·	76			* 6 7
			Amore 6-33-75 CA Schellinger 2 6 9 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 1	Uvind, etal 1 E fragi is	מאט	તા. તાલ			עשות בי	Cresby 74	5 - 2		1 1 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 1 1 1	7:43y	Test T UVIn		c,
	t S			C.A. Schellinger		-5603.	Topien, Sleele		2	Creeby 76	So. Union		i : 11300 Sa. Union	*******	10 11 m	\$o.ur	
	ا فيدول ا : 4 ا : 2	Harris 84		6 . 24 . 85	10 - 1 12 4 5	- BŠ	3 · 20 · 63 4 · 29 · 80	1		Marcall 7. P. 76	12 1 12 1	•	16101		_	8 .	77
				R.L. Haynie & Len Mager E - 21 - 76 Se mañndraes				I	-UV $ln$ :	Nongian cist	13.800.00 13.400.00	y::::::			रिक्षा १	•	
	* ************************************	ş. 9	<u> </u>	(But Mariaca, eta)	<b>'</b> }	J.	24.5-5.54e2ie	i	2	6	So'Un 1 · 29 Arrio		5   \$200.00   \$200.00   \$00.00	<b>)</b>	11.15 3		:0-
	1		24 Servilinger 10 + 1 - 85 12407	17 Serve	1			]	2 5	12-1   CASTREE   10-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1   12-1	1		25.		7 1	. (11	1 1 1
		נא ברועט	1	US.	1			64.	n <b>b (</b> V). Fernatron a Tresta Y	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Stenn Fr Samers	٠٥٠.	2010 \$ 7.3 2372-13 Jr 131, 1. [c [ 1		ļ"" <sup>1</sup>		
	e i e en ere		<u> </u>		1	t Z	Jan I		y ' <sub> </sub>		, ,		,	,,	3	. r	s
			1		· O		Fet.			Cleary	XHIB / Petr	u "I role:	o um Coi	rpor	atio	า	
		<b>,</b> ,,,,			20.5	مو. 				Wel	No.	L Fe	deral	"13"	l		
	Angel Angel Angel Angel	Duind 	1 3	13	3.77	-` ع	205	1 1	980'	FSL & FV	WL, Se	ec.	J, I-	/ - S ,	, κ-3!	J− <u>E</u> /* î;î	a.•



Cleary Petroleum Corporation
Well No.2 Federal """

1980' FSL & FWL, Sec. 3, T-7-S, R-30-E

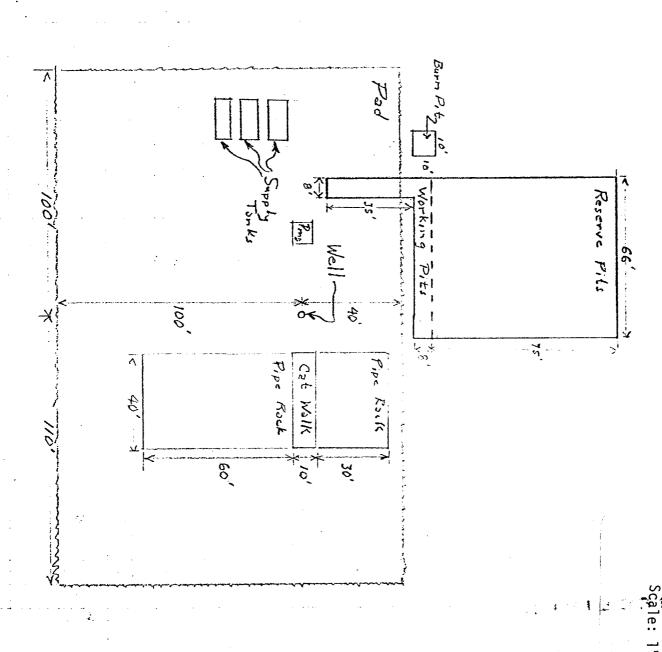


EXHIBIT "D"
Cleary Petroleum Corporation
Rig Layout
Well No.2 Federal '15"

4\_\_\_