Form 9-331 C		M. O. C). C.	. CORSUBMIT IN TRI			ed. 1 No. 42-R1425.		
(May 1963)	DEPARTMENT	ED STATES OF THE I GICAL SURV	NTE	(Other instruct reverse sid		5. LEASE DESIGNATION AND SEBIAL NO. NM 11963 (920 total acres			
APPLICATION	FOR PERMIT T	O DRILL, I	DEEP	EN, OR PLUG B.	ACK	6. IF INDIAN, ALLOTTE			
1a. TYPE OF WORK DRI b. TYPE OF WELL	LL 🕅	DEEPEN		PLUG BAC	к	7. UNIT AGREEMENT N	AME		
2. NAME OF OPERATOR	s _{ELL} отнек roleum Corporat	ion	Z			8. FARM OR LEASE NAM Federal "15" 9. WELL NO.			
3. ADDRESS OF OPERATOR P. O. Draw	er 2358, Midlan	d, TX 7970		DEC 21 1976		10. FIELD AND POOL, C	DE WILDCAT		
	eport location clearly and 660' FSL & 660'		th any	State requirements.*) O. C. C. ARTEBIA, OFFICE		Wildcat 11. SEC., T., R., M., OR AND SURVEY OR AN	BLK. Rea		
At proposed prod. zon	660' FSL & 660'	FWL				15, T-7-S; R-30-E			
	and direction from NEAR Outhwest of Ken		T OFFIC	¢E*		12. COUNTY OF PARISH 13. STATE Chaves New Mexico			
15. DISTANCE FROM PROPO LOCATION TO NEAREST PROPERTY OR LEASE L (Also to nearest drig	INE, FT. 66	0'	16. N	320 SO. OF ACRES IN LEASE		OF ACRES ASSIGNED HIS WELL	40		
18. DISTANCE FROM PROP TO NEAREST WELL, D OR APPLIED FOR, ON TH	OSED LOCATION* RILLING, COMPLETED, IS LEASE, FT.	none	19. P	ROPOSED DEPTH 4000 ¹	20. ROTA	Rotary Rotary			
	ether DF, RT, GR, etc.) 5'GL (estimat	ed)				22. APPROX. DATE WO December 1,			
23.	P	ROPOSED CASH	NG AN	D CEMENTING PROGRA	М				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F	00T	SETTING DEPTH		QUANTITY OF CEMEN	YT		
<u> </u>	<u>8-5/8"</u> 4-1/2"	<u>24#</u> 9-1/2	 #	<u> </u>		<u>200 sx</u> 225 sx			
		9-1/2	π	4000		223 58			
	to test the Sa intervals of in		P-3"	Zone. The "P-2	" and	"P-4" Zones ar	`e		

Operations are expected to be completed 21 days after spud. **RECEIVED**

	U. S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO
	roposal is to deepen or plug back, give data on present productive zone and proposed new productive lly, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout
24. W. E. Lorenz	TITLE District Production Manager DATE 11-19-76
(This space for Federal or State office use)	APPENVAL PERATIONS
APPROVED BY CONDELOR OR OR ANY: TIS	APPERVAL IS RESCINDED WITHIN 3 MONTHS. MOT COMMERCIE OF 1977 DATE
ACTING DISTRICT FULL WER	IREG TITUT
ACTING DIG	*See Instructions On Reverse Side

NOV 22 1976

OIL CONSERVATION COMM. EZTEIVED

алы ў 🐐 1970 г. 2011 — ц. 2017 🏶 🔺

13世纪17世纪第

.

-	Form C-102 Supersedes C-128 Effective 1-1-65					
		All distances must be fi	roma the outer boundario	ss of the	e Section.	_
Operator			Lease			Well Nc.
	PETROLEUM C	· · · · · · · · · · · · · · · · · · ·	Feder	al 1	5	1
M Actual Footage Loca	Section 15	Township 7 South	30 East		Chaves	
660	feet from the	south line and	6 6 0	faat f	rom the west	
Ground Level Elev.	Producing For		Pool	10011	iom me	line Dedicated Acreage:
	San An	dres	Wildcat			40 Acres
 If more the interest and If more that dated by co Yes 	an one lease is d royalty). n one lease of di mmunitization, u No If an	ifferent ownership is o nitization, force-poolin swer is "yes," type of	, outline each and ledicated to the wo ng. etc? f consolidation	ident ell, ha	ify the ownership th ive the interests of	e plat below. ereof (both as to working all owners been consoli- ted. (Use reverse side of
this form if No allowabl	necessary.) e will be assigne	d to the well until all	interests have bee	en cor	nsolidated (by comm	nunitization, unitization, approved by the Commis-
			OTO MALER & CONSTRUCTION	In SURVEYOR	toined here best of my Name Name Client Company CLEARY Date Novo if hereby c shown on the notes of a under my st is true and knowledge of Date Surveyes Novo	·····
	1	2310 2640 2000	1 1800 1000	500	and/or L and S	

~* .

OIT COMPENSAL W W SBEEN W



CLEARY PETROLEUM CORPORATION

P. O. DRAWER 2356 MEDLAND, TEXAS 79701 (015) 603-4793

November 19, 1976

United States Department of the Interior Geological Survey P. O. Drawer U Artesia, New Mexico 88200

Attention: Mr. Leon Beekman, Assistant District Engineer

RECEIVED NOV 22 1976 U.S. GEOLOGICAL SURVEY ARTESIA, NEW MEYING

405 WALL TOWERS EAST

MIDLAND DISTRICT OFFICE

RE: Federal "15", Well No. 1 660' FSL & FWL Section 15, 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 "1") with pertinent information on testing procedures and testing frequency (as shown on Attachment "1"-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. 1

November 19, 1976

Wildcat Chaves County, New Mexico

Location:

660' FSL & 660' FWL, Section 15, T-7-S, R-30-E, Chaves County, New Mexico

Elevation: 4216' GL (estimated) (Datum to be KB Elev.)

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

Hole and Mud Program:

<u>11" to 300</u>', drill with fresh water spud mud (Bentonite & lime), viscosity 50-70 sec.,

<u>7-7/8" to 4000</u>; drill with salt water gel with paper for wall cake control and corn starch for water loss control. Magcobar Mud.

Weight10.4 to 10.7#/galViscosity30 to 40 sec/1000 ccWater Loss10 cc

Logging Program:

Formation Density Compensated Neutron (FDCNL)

- (2) Microlaterolog (MLL)
- (3) Laterolog (LL_3)
- (4) Temperature Survey Top cement behind 4-1/2" casing

(5) Gamma Ray/Collar Locator Correlation Log

Drill Stem Test: San Andres - Possibly one (1) test.

Casing and Cementing Program:

 $\overline{8-5/8"}$ to 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.

<u>4-1/2"</u> to 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	1101	(+3155')
Yates	1508	(+2748')
Seven Rivers	1600	(+2656')
Queen	2228	(+2028')
Grayburg	2238	(+2018')
San Andres	2636	(+1620')
Phi Marker	3145	(+1111')
P-1	3297	(+ 959')
P-2**	3390	(+ 866')
P-3*	3470	(+ 786')
P-4**	3750	(+ 551')
Glorieta	3940	(+ 316')
*Possible pay	zones (oil be	earing)
** Possible sec	condary pay zo	ones (oil bearing)

Surface Formation:

Tertiary-Ogallala

SUGGESTED PROCEDURE

- 1. Drill 11" hole with fresh water spud mud (Bentonite & lime) to approx. 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).
- 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 3. porous sands under the surface pipe.
- 4. Have water loss control in mud prior to topping the "P-2" porosity zone at approximately 3390'.
- At approximately 4000' (proposed TD picked by geologist) circulate hole clean 5. and run (1) Formation Density Compensated Neutron (FDCNL); (2) Laterolog (LL_3) and (3) Microlaterolog (MLL).
- 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 6. 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 1 gal/1000 gal Moreflo (demulsifying agent).
- Wait on cement eighteen (18) hours and cut-off and hang 4-1/2" casing in 7. wellhead and release rig. Run Temperature survey inside 4-1/2" casing (after 12 hrs. WOC) to establish top of cement behind 4-1/2" casing. NOTE:
- Move in double drum unit (after setting deadmen) and run Gamma Ray/Collar 8. Locator Log. Correlate with Formation Density Compensated Neutron Log.
- 9. Perforate 1 shot per foot in San Andres porosity.

-2-

- 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.

-3-

12. Any subsequent work will be planned after testing.

WEL:RBW:ph

11-19-76

BLOWOUT PREVENTER HOOK-UP

2000 PSI WORKING PRESSURE



ATTACHMENT "1" CLEARY PETROLEUM CORPORATION Well No. 1 - Federal "15" 660' FSL & 660' FWL Section 15, 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.

3. 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. 1 - Federal "15" 660' FSL & 660' FWL Section 15, T-7-S, R-30-E Chaves County, New Mexico

ph

RBS:ph

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

<u>CLEARY PETROLEUM CORPORATION</u> <u>WELL NO. 1 - FEDERAL "15"</u> <u>660' FSL & 660' FWL, Sec. 15-7S-30E</u> <u>CHAVES COUNTY, NEW MEXICO</u> <u>LEASE NO. 11963</u>

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 21,780' long. This road is shown in red coloring on Exhibit "B". The center line of the proposed new road from the beginning to the wellsite has been flagged with the stakes being visible from one to the next.
- B. 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 (at the northeast corner of Section 13 for approximately 200' and along the west line of the SW/4 Sec. 15 for approximately 600'), 6" of caliche will be spread, watered, compacted and graded.
- C. Maximum Grade: 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. <u>Gates, Cattleguards</u>: Two cattleguards will be installed in the fence at the middle of the north line of Section 13 and at the northwest corner of Section 13. 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. <u>Topography</u>: Land surface is generally flat from an elevation of 4216' GL (estimated) 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. <u>Flora and Fauna</u>: 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.
- C. <u>Ponds and Streams</u>: There are no rivers, streams, lakes or ponds in the area.
- E. <u>Residences and Other Structures</u>: The nearest occupied dwelling is a ranch house in excess of 6-1/2 miles northeast of the wellsite. The nearest water well is 2 miles northeast of the wellsite.
- F. <u>ARCHEOLOGICAL, HISTORICAL AND CULTURAL SITES</u>: 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

Frenz) Hilliam

William E. Lorenz District Production Manager

WEL:RBW:ph



	1				<u>وَ</u> .		e ^{1.5}						· J			
•••	Bound Likens	AR.Co.	A.R.Co. 8-24-75 SALUM.Dorig			J.J Gra 4 - 1 1530	nDerg et		1 M Tno 2 - 1 - 0	5 101-83	J J.Granzerg 4 - 1 12 13366	i		es.33	i 1	ilə (1 - g - 86 bi
<u>, </u>	2+ 1- 65 - 23355	2.4.6 J.S. Dr. 1. etsi	FJ. KN	Britt				11427 34		/ `		1	-			
				1 • 64 961	Itroto		· 7		2	6:		25		134), ES 27	
	2 Gordan	Tanner	2	5	Potters E1 4219 TO 8104		•			C.E Stronge 7+1+62		Amini *		fiess 1	្រុះ	30-
	203 203	• 84 62			160599 Print 7300 211 8637	2			i	15005		193)7	•	Fise	к. т. К. т	
					5+ 8678 34 2-11-6	- 95	•	t U S.		•	v.s			•	ţ.	
		.s.	<u>U 5</u>				J.D.Coo4	JJGH	*****	C.E.Strong+				P A riji B rij B		ΪŢ
	2-2-2-23		K.M.) 5 • 1 203	• B4		${}^{(0)}$	B. 4 75	1550	SE .	7+1+82	. 6.	nondoch 4 - 97 6-255	•	l Pi	1- 11 877	1
	07427				J. H. V. E. M. Bol	ere %	Jers Biek		·			305	•	6.15	5 ^r	I F
	3	2	3	3.	Put Fo	J.M.	1 E M 20,058 4 Te-25 065		. 3	l 5 m m m m m m		36	•	575'B**	 Henned	31-
			•			Thanias 2-1-83	4 72		1	l Amini 11 + 1 - 13 1 - 19437				8 1 7. 1.51	horl Jr 1- 63 4 52	1
	S = F_1+2=, (12) 7 23 75		•		u J,	17427	1		• •	6 ·		•				Į.
ر . ج ر	- 1-12 (22200393 Emilian	y .5.	U.	s.	Wold:	y	5. 5.		U.			State				1 U 3.
, - 		C.A. Schellinger	13 17 4123 11 J C.A. Schellinger	C.A.Schellinger	11 15 4	ć k Schel-	CA Schellinger	La Schell	44 63 11	24 66 2135 35 1	135 11 1139 33 W.H.Short J	t I Shenor	ນປາວາ 👘	Sheen	111331 111331 11100004	
		3+17+85	3 • 17 85	6 - 1 - 83 15 5 6 8		linger 3 • 1 • 62 15674	3·6·85	6-1-85 6-1-85 10 2034	039 ₩₩	L .	6 - 1 - 85 18 4 5 7 - 1	1 13-1 1 13-1 1 13-1	рг 19-	182	28	1
	F # 12	JA LUM Covie.	J.F.E. W. Davis	. ¥ S.	2.H Marre]-				1 • 1 • 82 3 78	LG-537	· ·	•		-	_	i i:
	·····	eto.	<u>ete</u> 4	NogerEs F_tran	Claar	Per.			ž	.		W.4.51.	ori dr. 1 - 63 97	171 S & 1	í ^t .	٩į
				Hogover eto: 6 • 21 • 76		-0		กูระกละว		· · ·	Hato Welia		•	Teres 5	<u>ج</u> ۰	
172	1	Progriss Hohl & Progris J Agoms 12 C.J.Allison et al	Paylliss Heat EPA C.J.X	ins Lassms, 1/2 lisun etat	fed	1	F.E Sod	10.247 6-1-05 16-2434 1372	şi.	Ii	Sever Holles UVInc. 14	13	-		(Ø) [.]	
	<u>u</u> 3.	J.J. # (1) 50, 21 01		P.H Fulton	R.H. Fulton			Honlad	Oil	UVINS IN.H.		Koniod Oil	1	11.15		<u>8.5.</u>
				etc: 500 6 - 21 - 76	etat 6 • 21 •	Sur To	, 	7. 1. 0 15007		5-1-85 15-1-83 25016 1 5-1-83 10497	UVInd. Holg Hal Well	17-1-87				i t
		VelunSchindier Liez Schindier	3.P.S.ms,etaitz Spear Bras, SneeptiCat,Cota	11 P					ן ט		Kolo UVIn	3.	ø	0	2/	
	1 4 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -			- 10 		- <mark>1</mark> ян.	-	. Р.Н.	1	Allied	Stenondoch	12 (9.8		tine i	4	7
	C 2 2+103504 To 1 82 13 824			HID EN FUITON	ຣິນກ -	Fulton etot	C.A.Schellinger 7 + 1 + 80 11363	Fulton etot 6-2	500 1 • 76	Chem 6-21-71	15-1-82	13-1-03 13-1-03 13-157			, C 3631175, MOJ- <i>Fed</i> , 6550 L 5 5-51	i
			Poulternorth	Sun . M.A. Thamas	¥ J 763	n 25 %				11: dead	legaards			ເປັນ ຈ Shanc	pi andaah	1
	£ 5.	Allen Busching "	Phyllis J Sooms ¹ 2 C.J. Allison etct	Belza Hatinata	Jule No	Sinnes	i. 5.		=tijelol	L'presmb	<u> </u>			102	83 28	25.
S.	Cinter Service 1+23+85	CA Schellinger 7 - 1 - 00	C.A. Sch		C.A.S::h	rilinger (Cleary rat.		A start	Allied Chem	RH. Sun Fullon It-21-7 cini	Himin	5557	Redie	an etat	
		µ553	LG-20		, 1567.	New	Roads	25.70	15,517	•	6 72 76 6 92 16 17.71.1	s elos ou 16-2 25 outil 45 islks: 23	Sun 7-7:-76	11. 15	¢	Ì.
	- 2 5- 1 35	7	C2E3	eguard	<i>P</i>	1	Carl 4 Cm	e* 21	3073 30937	flissed Lips:omb		17, 21 51 35	7	<u> </u>	1l	<u>الا.</u> 8
3		AnnoAlford 10+1+85 25384			-1237	, re7.	CA Schellinger 8 · 1 · 82 15574		507 1 1-23 76	R.H Sun Fullon 4-23-76 etal 1 6-79-761	Exist Exist	1510	18.	e (1.32 - 2		
7	FH		7,	oposed	<u>-13 %</u>	<u> </u>	0	IS674		1	Ernmel Hilon	3.5				
	Compost, etal An Versnali, etal	U.S.	51271	Well 2	Ig: Fed	"15"	Tory tory tory	5-25.76 J	rost Co	ed Cooper etal, S'a og er, etal	BorbaraMites Islo Sill, el of	The + C	1.03		Bote	r C a
-	5. J. E 7.	radshaw 1 - EZ	3-1-05 1	8 + 1 - 21	[·	0.0.2	iradstore	21	C.A.S:	hellinger 5 + Bl 5=C+	Texoco	J D 1 o - 26 So.Un	101 cm	i i	Worth	ety.
	15 ê		25015	1414)	C.A. Sche			P,t	011			5-13 3-13	· 79	વે મન્ દ	4Sa. Jo.	sn P
	3 - 1 - 2036	24 24 3	Fendicion Londe Expl. A.J.BA 2036A U.S.	U.V.Ind Va Treime Cressy	2 - 5	- 01 - 1	C.A. Schellinger 3 + 1 - 85			Cresty Na	UV hid 14 Vima Crast	1 4-20	illord		- i- i	5
	Franciston	O→	R L. Hountes	£*£``		2	C.A. Schellinger	K.H Fulton 1	2:		L L Coin	24 So.Ur 4.27	מכוו	11.52 3		9
	4 + 1 2034		C - 2: -75 Arioto 6-21-75				3.29.80 4.29.50			ullongo Esding C 1- E 16 Bures C 1- E 10 21-76	4 . H . 76 So, Union 5 - 2 - 79	A . 7.2	175		4	
				UV Ind. 27:01 JE Ernst 19 Faities Ernst 19	U.V.In Serier	d 44	Corrent Steele	1	UV IS	Via Via Cresby Vie	Price p E Erns	1 [1791			d.	
	م تا الم محدث			C.A.Schellinger	CASTR	llinger	C.A. Schellinger				So. Union	SaUnion		11.51	So.Un	ilar.
		i Horris 64 42		R.L. Haynie E. Len Mayer	10 + 1	• BÕ	3 · 28 · 63 4 · 29 · 80			HarCall	17 1 82 1	6 • 1 • 13 16 2 0 1			1 B • 1	
	50- 10 Cri 51-775 10-1775 10-1775 10-1775 10-1775	2	• • • • • • • • • •	\$ + 2+ + 76 5 +			Eleve-S.Sieste			Winston dat 14 steerr 1/2	J Board of L Sugarian, Inc.	뀌는 전		7(1) T	-	
		9	2 5 5 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5	R		11 ²	7		. 21	s –	So Union 1+29-63 Amoco 1+12-76-77		<u>م</u> ر	11.11 3		-
			10 - 1 83 12407	12.2 ×	1	, ⁻			12	12 12 12 12 12 12 12 12 12 12 12 12 12 1	1. 12. 76-64	10 5710	22.1223		C.7. 3.4 2 (22)	• 1
	to to to and	2141-344		Earbarg Elsia	: [:]			G A.Te		Ching () () () () () () () () () (Stean Fre Sonvers - A FE 282 Willing	. Dorg 5 *.	;-	Ten I	•	
	• • • • • • • • • • • •		<u></u>			<i>t</i> 7	1775	.n:id.	y i	•	((* · · · · · · · · · · · · · · · · · ·		11	I	. vi	<u>،</u> _
 					. ' @		Glann Pet. 7-1-90			Cleary F	XHIBIT Petroleu		1042+	ion		
						10	1923			Well	No.1 F	ederal	"15) H		
	* * 23-24 7 * 32-228 	2	3	3.	72 1200 947 83 (5 J	<u>U 5.</u>		50' F	FSL & FWL	., Sec.	15, T-	·7-S,	R-30	0-E	
Į		rota l	•	•		1	I I	H. C	Una\	ves Cty.	New Mex	100 \$	scale	: 1":	=4000	01

<u>ECottleguard</u> Lease No 11963 Lease Lines Lease Lines. Lesse No 11963 Proposed Well

EXHIBIT "C" Cleary Petroleum Corporation Well No.1 Federal "15" 660' FSL & FWL, Sec. 15, T-7-S, R-30-E

