OIL CONSERVATION COMMISSION Cycl DISTRICT

OIL CONSERVATION COMMISSION BOX 2088 SANTA FE, NEW MEXICO	RE: Proposed MC Proposed DHC Proposed NSL Proposed SWD Proposed WFX Proposed PMX
Gentlemen:	
I have examined the application dated for the letro Leuris Cop. Boling Operator Lease and the second to the second	5-8-78 9-8-78
and my recommendations are as follows:	
The state of the s	Yours very truly,

OIL CONSERVATION COMMISSION Cycle DISTRICT

OIL CONSERVATION COMMISSION	DATE 5-12.78
BOX 2088	
SANTA FE, NEW MEXICO	RE: Proposed MC
	Proposed DHC
000	Proposed NSL
Carl Ellrog	Proposed SWD
	Proposed WFX
	Proposed PMX
•	·
Gentlemen:	
	1- 0 78
I have examined the application dated	5-8-10
for the Potro-Touris Corp. Hindlower Summer Operator Lease and Well	1000000000000000000000000000000000000
and my recommendations are as follows:	ng Fred.
Marrie /	
·	
	Yours very truly,
	all Kendrick

NO. OF COPIES RECEIVED DISTRIBUTION	NEV	MEXICO OIL CONS	ERVATION COMMISSION	n.	F- C 101	
SANTA FE	,	MEXICO DIE CONS	LK TATION COMMISSIO	JN	Form C-101 Revised 1-1-6	5
FILE					5A. Indicate	Type of Lease
U.S.G.S.					STATE	_
LAND OFFICE					.5. State Oil	Gas Lease No.
OPERATOR					NM-169	6
		·				THITTINI.
	N FOR PERMIT TO	DRILL, DEEPEN	, OR PLUG BACK			
1a. Type of Work					7. Unit Agree	ment Name
b. Type of Well DRILL		DEEPEN 🗌	PLUG	BACK		
OIL GAS				ILTIPLE [8. Form of Le	ase Name
2. Name of Operator	X OTHER CONVE	RT TO SWD	SINGLE X MI	ZONE		POWER PUMP CO.
I	1.017			ļ	9. Well No.	·
PETRO-LEWIS CORPOR 3. Address of Operator	ATION					5-
	mpvac 70226					l Pool, or Wildcat
BOX 509 LEVELLAND 4. Location of Well		400	NODELL		ENTRAD	mmmm
UNIT LETTE	LO	400	FEET FROM THE NORTH	LINE		
AND 1980 FEET FROM	THE WEST LIN	NE OF SEC. 22	TWP. 19 RGE.	3		
THINITINI THE	immiliini	mininiinii	TWP: 19 RGE.	1777777	12. County	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
					SANDOVA	
CHHHHHHHHH	/////////////////////////////////////	<i>HHHHH</i>		<i>HHHH</i>	TITITI	HHHH
	<i>HHHHHH</i>	444444	19. Proposed Depth	19A. Formation		20. Rotary or C.T.
			PBTD @3800'	GALLUP		ROTARY
21. Elevations (Show whether DF,	RT, etc.) 21A. Kind	& Status Plug. Bond	21B. Drilling Contractor		22. Approx.	Date Work will start
6896'GR, 6910'FB			N/A			5-78
23.	F	PROPOSED CASING AN	D CEMENT PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOO	T SETTING DEPTH	SACKS OF	CEMENT	EST. TOP
13 3/4"	10 3/4"	32.74#	241'	150sx.	CHAICIAI	surface
8 3/4"	7"	20 & 23#	5436'	450sx.		3020'
				-		
WATER DIS TO SWD WI	POSAL, PURSUANT LL BE PERFORMEI	TO THE ENTRA	RECOMPLETE THE (DA PLUG BACK AP) WING MANNER; squeeze above To	PROVED ON	2-2-78.	THIS CONVERSION
2. (GIH & clean out	, pressure te	st squeeze perf	s, & run (CBL from	TD to New
	TOC +100'.					
	· -	erforate Gallu	p & break down i	formation	W/1500ga	al, 15%HCL,acid
	if required.				_	
:	2800', run 2 7/ injection. <i>Loan</i> <i>Pastection</i> .	8" injection of the back sine w/	tubing, W/ UNI-I <i>Bactskiriside F</i>	PACKER-ING PACKER FLU	s set. Di	lace well on
						MAY 20 1978
IN ABOVE SPACE DESCRIBE PRO FIVE ZONE. GIVE PLOWOUT PREVENTE	DPOSED PROGRAM: IF IR PROGRAM, IF ANY.	PROPOSAL IS TO DEEPEN	OR PLUG BACK, GIVE DATA O	N PRESENT PRO	DUCTIVE CONE)	NO PROPOSED NEW PRODUC
hereby certify that the information	nabove is frue and comp	elete to the best of my l	knowledge and belief.			~~ /
A Low Heller	Lealus -	CONTOR S	NTTTTM TOOMS		E 0 5	70
Signed January 1	nying	Title SENIOR D	RILLING FOREMAN	D	Date 5-8-7	/ 8
(This space for S	tate (se)					

CONDITIONS OF APPROVAL, IF ANY:

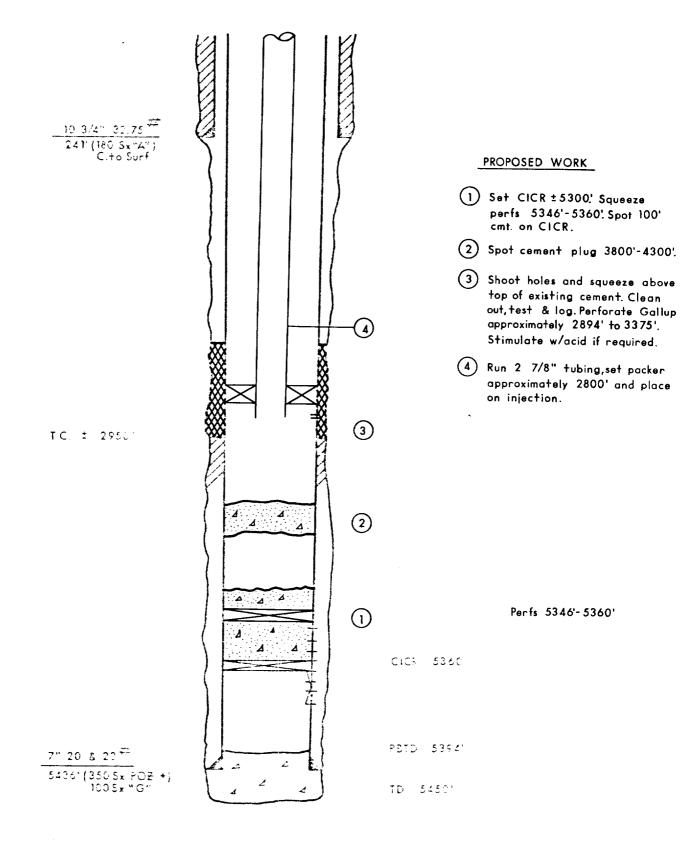
NEW MEXICO OIL CONSERVATION COMMISSION

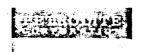
APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

					_			
OPERATOR				ADDRESS				
	WIS CORPOR	ATION		BOX	509 LE	EVELLAND, TE	XAS 79	336
LEASE NAME			WELL NO.	FIELD				COUNTY
FLUID POWE	ER PUMP COM	PANY	5-	ENTR	ADA			SANDOVAL
LOCATION	*			I		· · · · · · · · · · · · · · · · · · ·		
•	UNIT LETTER	; w	ELL IS LOCATED4	00FEET	FROM THE	NORTH	LINE AND	1980 FEET FROM THE
WEST		22	10		2			
WEST	LINE, SECTION	22 70	wnship 19		3	нмрм.		
NAME OF	ETDING			AND TUBING D				
SURFACE CASING	SIRING	SIZE	SETTING DEPTH	SACKS CEM	ENT	TOP OF CEM	ENT	TOP DETERMINED BY
INTERMEDIATE		10 3/4	241'	150sxs		circulated		surface
INTERMEDIATE							j	
LONG STRING								
		7	5436	450sxs		3020'	1.	CBL LOG 12-8-73
TUBING				NAME, MODEL AND	DEPTH OF	TUBING PACKER		
	-	2 7/8	2800'	GHITRERSON	NI IIN	I-PACKER-I	@280	n'
NAME OF PROPOSED	INJECTION FORMAT	ION	2000	TOP OF FO		I THOREM I		
CALTUD				2894			2550	•
IS NIECTION THROU	JGH TUBING, CASING	OR ANNULUS?	PERFORATIONS			INTERVAL(S) OF INJ	SCTION	
m		,						
THROUGH TU	L DRILLED FOR	IF ANSWER IS	NO, FOR WHAT PURPOS	LIONS	2900	<u>-3400'</u>	LUAE WEL	L EVER REEN DEGEOGRAPH
					marer on		ZONE OT	ET THAN THE PROPOSED INJEC-
NO LIST ALL SUCH PER	FORATED INTERVALS	OIL PRO	DUCER (ENTRADA)	C.U.		LINE AND 1980 FEET FROM THE CEMENT TOP DETERMINED BY COBL LOG 12-8-73 COBL LO	
5346 - 76 .	Set CICR &	SOUEEZE W/	100sx Cl "C"	@5300', &	SPOT			
FRESH WATER ZONE	IN THIS AREA		DEPTH OF BOTTOM OF OIL OR GAS ZONE IN T	NEXT HIGHER HIS AREA		DEPTH OF TO	P OF NEXT	LOWER S AREA
			2894', MANCO			3550',	LOWER 1	MANCOS
NTICIPATED DAILY NJECTION VOLUME (BBLS.)	MINIMUM	I MAXIMUM	OPEN OR CLOSE	D TYPE SYSTEM	IS INJ	ECTION TO BE BY GRA	VITY OR	APPROX. PRESSURE (PS!)
5000	2000	500	0 CT	LOSED	PR	ESSURE		200#
ERALIZED TO SUCH A	WHETHER THE FOLL A DEGREE AS TO BE	UNFIT FOR DOMES	F MANUEL THAT	TO BE DISPOSED O		AL WATER IN DISPO-	ARE WAT	
	OR OTHER GENERAL	VES	i EN	NTRADA	1	LLUP		VEC
AME AND ADDRESS	OF SURFACE OWNER	(OR LESSEE, IF S	TATE OR FEDERAL LAND	2)	GA	ППОЕ		155
STATE								
IST HAMES AND AD	DRESSES OF ALL OP	ERATORS WITHIN C	NE-HALF () MILE OF	THIS INJECTION WE	ELL			
III MDG DEME	0. mrn. 0.00	·						
YATES PETR	OLEUM, 207	WEST 4th S	TREET ARTESIA	NEW MEXI	CO, 8	8210		
								The state of the s
		···						
			···					
				 				335
ENT TO EACH OF TH	S APPLICATION BEE: IE FOLLOWING?	N SURFACE OWNS	E.R.	EACH OPERA	TOR WITH	IN ONE-HALF MILE		3 7
		1	YES		YES			
RE THE FOLLOWING HIS APPLICATION (S	ITEMS ATTACHED T SEE RULE 701-B)	O PLAT OF AREA		ELECTRICAL			DIAGRAMA	ATIC SKETCH OF WELL
		ON ETT	E USGS. NMOCO	ON ET	ים דוכי	GS. NMOCC	· 7	mma Cuen
	I hereby cert							
	0111			as and complet	c to the	nest of my knowl	euge and	Dellel.
FYMAK	MATLA	lu	CENTOD D	DTIITMO TO	TOTAL ***			F 0 70
- June	(Signature)	4//	_ SENTOR D	RTLLING FO (Title)	KEMAN.			
	. 5	<i>V</i>	-17 ::	(1 1116)				(Date)

NOTE: Should waivers from the surface owner and all operators within one-half mile of the proposed injection well not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests. SEE RULE 701.

BOLING FEDERAL #5





TRETOLITE DIVISION
369 Marshall Avenue / Saint Louis, Missouri 63119
(314) WO 1-3500/TWX 910-760-1660/Telex 44-2417

WATER ANALYSIS REPORT

OMPANY 1 51 - 125 1		e central	ANALYSIS	<u>0 1 /5/1 </u>
DURCE Analysis	DATE SAMPLED		NO *Meq/l	<u> </u>
		3 · -		
1. pH				
2. H ₂ S (Qualitative)				
3. Specific Gravity	•			
4. Dissolved Solids				
5. Suspended Solids				
6. Phenolphthalein Alkalinity (CaCO ₃)	<u></u>			
 Methyl Orange Alkalinity (CaCO₃) 	·	<u></u>		
8. Bicarbonate (HCO ₃)	HCO ₃	÷61		HCO ₃
9. Chlorides (CI)	CI	÷35	5	CI
10. Sulfates (SO ₄)	· · · · · · · · · · · · · · · · · · ·	<u>-48</u>	<u> </u>	SO,
11. Calcium (Ca)	Ca	÷20	2. 1	Ca
12. Magnesium (Mg)	Mg	÷12.2	2	Mg
13. Total Hardness (CaCO ₃)	- 12:	***		
14. Total Iron (Fe)		 		
15. Barium (Qualitative)				
16. Strontium				
*Milli equivalents per liter PROBABLE A	MINERAL COMPOSIT	ION		
*	Compound		X Meq/L =	= Mg/L
Ca ← HCO ₃	Ca (HCO ₃) ₂	81.04	A med/L —	- Mg/L
Mg SO ₄	1	68.07	-:	
	Ca SO ₄		<u></u>	• • •
Na CI	Ca Cl ₂	55.50		
Saturation Values Distilled Water 20°C	Mg (HCO ₃) ₂	73.17		
Ca CO ₃ 13 Mg/L	Mg SO ₄	60.19		
Ca SO ₄ • 2H ₂ O 2,090 Mg/L	Mg Cl ₂	47.62		
Mg CO ₃ 103 Mg/l	Na HCO3	84.00		
	Na ₂ SO ₄	71.03		
	Na Cl	58.46		<u> </u>
REMARKS	<u>a Táir - Barras an t</u>			
			· · · · · · · · · · · · · · · · · · ·	
	<u> </u>			
			sectfully submitted	