PROPOSED
INJECTION
WELLS

BEFORE EXAMINER CATAMACH
OIL CONSERVATION DIVISION

GREENHALL EXMENT NO. 4

CASE NO. \_\_10154

Greenhill Petro OPERATOR	leum Corporatio		Lovingt LEASE	on San And	res Unit	<del></del>
#3 WELL NO.	660 FNL & 198 FOOTAGE LOCA	30 FEL	36°	T16S TOWNSHIP	R36E RANGE	
			Tub	ular Data		
•		Surface Ca	sing	•	,	•
	11	Size: 8 5	5/8 <b>~</b> .	Cemented 1	with <u>450</u>	SX
		TOC: Sur	rface	feet d	otermined by	calc.
		llole size:			•	
		Intermedia	te Casi	ng		
Completed	2082	•		_	with	SX.
11/19/45	2002	TOC:		feet d	etermined by	· · · · · · · · · · · · · · · · · · ·
deepen to 5090		. Hole Size:				
		Long Strin	<u> </u>			
				Cemented	with375	. sx
	-4618		•		etermined by	
	- 4625 TD	Hole Size:	,			•
		•		•	<del></del>	f
		Total Dept			. 1	
		Injection	•	•		<b>.</b>
	•				S090 ndicate which	
Tubing size 23/8"	lined with	IPC		ial)	•	set in a
waterflood tension pa	iker j	packer at	(mater 4	ial) '5 <b>7</b> 8'	feet.	•
(brand & model) (or describe any other	•				,	
Other Data		•		•	•	
1. Name of the inject	tion formation	(	San Andı	res .		
2. Name of Field or	•		•	. ,	res	
3. Is this a new well if no, for what p	.1 drilled for	Injection?	No		ŧ	
4. Has the well ever intervals and give used.	be perforated e plugging det	in any other	er zone( ef cemen	s)? List at or bridg	all such per e plug(s)	
5. Give the depth to (pools) in this a	and name of a		•			s zones
Undanlui	na = Gravbura			•	. `	

Greenhill Petro	leum Corporatio	n Lovington San Andres Unit
#5	660 FNL & 600	FEL 36 T16S R36E
WELL NO.	FOOTAGE LOCA	
	· · · · · · · · · · · · · · · · · · ·	
	•	Tubular Data
	266	Surface Casing
	11	Size: 8 5/8 " Cemented with 400 SX
· .		TOC: Surface feet determined by cale
		Hole size: 11"
		Intermediate Casing
Completed	85/8"	Size: Cemented withSX
1/30/40	2160'	TOC: feet determined by
		Nole Size:
		Long String
		Size: 5 1/2 " Cemented with 200 SX
	51/2'	TOC: 3535 feet determined by 80% calc
•	- TO 5130'	Nole Size: 7 7/8"
		Total Depth:5130'
	•	Injection Interval
		(perforated or open-hole, indicate which)
Tubing size 23/8	lined with	IPC set in a
waterflood tension p	acker	(material) packer at <u>4605</u> feet.
(brand & model) (or describe any oth	·	<del></del>
Other Data	er casing-cuting	g seary.
	ction formation	San Andres
-	•	cable) Lovington San Andres
3. Is this a new we	•	
		well originally drilled? Production
		in any other zone(s)? List all such perforated ail (sacks of cement or bridge plug(s)
	o and name of a	ny overlying and/or underlying oil or gas zones
(pools) in this		)
· Ilno	lanlyina - Grayh	utra

Greenhill Petroleum Corporation OPERATOR	Lovington San Andres Unit
#10 1980' FNL & 1980' FEL WELL NO. FOOTAGE LOCA	
	Tubular Data
	Surface Casing
Completed 4-4-39	Size: 13 " Cemented with 250 SX
4-4-39	TOC: Surface feet determined by Circulation
	Hole size: 17-1/4"
	Intermediate Casing
Lass'	Size: 9-5/8 " Cemented with 250 SX
	TOC: 2246 feet determined by Calc
	Hole Size: 12"
	Long String
2065 95/9"	Size: 7 ". Cemented with 225 SX
	TOC: 3189 feet determined by Calc
	Hole Size: 8-3/4"
	Total Depth: 5110'
1600'	Injection Interval
1 5110' TD	4600 feet to 5/10 feet (perforated or open-hole, indicate which)
Tubing size 2-3/8" lined with	Set in a
waterflood-tension packer	(material) packer at
(brand & model) (or describe any other casing-tubin	ng seal).
Other Data	
1. Name of the injection formation	San Andres
2. Name of Field or Pool (If appli	
3. Is this a new well drilled for	
intervals and give plugging det used.	i in any other zone(s)? List all such perforated tail (sacks of cement or bridge plug(s)
	any overlying and/or underlying oil or gas zones
Underlying-Grayburg	

Greenhill OPERATOR	Petroleum Corporatio	n Lovington San Andres Unit LEASE
#12 WELL NO.	1980' FSL & 1980' FOOTAGE LOCA	
<del></del>		Tubular Data
Completed	1 1	Surface Casing
7-5-45		Size: Cemented withSX
leepened		TOC: feet determined by
7/87		Hole size:
		Intermediate Casing
		Size: 8-5/8 " Cemented with 500 SX
	:	TOC: Series foot determined by Calc series
	12080 85/8"	Hole Size: 11"
	·	Long String
		Size: 5-1/2 " Cemented with 450 SX
	.5004	TOC: 2435 feet determined by calc 80%
	1 4580 5 5 1/2 "	Hole Size: 7-7/8"
	1490'	
	To	
		Injection Interval 4580 feet to 5055 feet
	TI)	4580 feet to 5055 feet (perforated or open-hole, indicate which)
Tubing size2	23/8 lined with	TPC set in a (material)
water flood-	tension packer	(material) packer at <u>4560</u> feet.
(brand & mod		
Other Data	•	
	injection formation	San Andres
		cable) Lovington San Andres
	ew well drilled for	
3. Is this a no If no, for the	what purpose was the	well originally drilled? Production
	nd give plugging det	in any other zone(s)? List all such perforated ail (sacks of cement or bridge plug(s)
	pth to and name of a	my overlying and/or underlying oil or gas zones
·-	derlying-Grayburg	

OPERATOR	Petroleum Corporation	Lease Lease
#13	1760' FSL & 440' F	•
WELL NO.	FOOTAGE LOCA	
		Tubular Data
		Surface Casing
ompleted 12-16-39		Size: 13 " Cemented with 225 SX
	.	TOC: Surface feet determined by calc
•		Hole size: ?
		Intermediate Casing
	13"	Size: 8-5/8 " Cemented with
		TOC: 2235 feet determined by calc
		Hole Size: 11"
	2503'	
	8 2/1	Long String
		Size: 5-1/2 " Cemented with 150 SX
		TOC: 2818 feet determined by calc
	L4518' { 5½"	Hole Size: 6-3/4"
	50681	Total Depth: 5068
	TO .	Injection Interval
		4518 feet to 5068 feet (perforated or open-hole, indicate which)
Tubing size	2-3/8" lined with	IPC set in a (material)
	waterflood tension I	(material) packer atfeet.
(brand & mo (or describe an	odel) ny other casing-tubing	
Other Data		
1. Name of the	e injection formation	San Andres
	•	Lovington San Andres
		· No
	new well drilled for i what purpose was the	well originally drilled? Production
		in any other zone(s)? List all such perforated ail (sacks of cement or bridge plug(s)
(pools) in	epth to and name of a this area. derlying-Grayburg	ny overlying and/or underlying oil or gas zones

Greenhill Pet	roleum Corporation	<u>l</u>	ovington San A	Indres
OPERATOR		LEA	SE	
#25 WELL NO.	1980' FEL & 660 FOOTAGE LOCA			36E RANGE
			Tubular Data	
		Surface Casin	g	
		Size: 13	" Cemented	with <u>200</u> sx
Completed 10-18-39		TOC: Surfac	e feet d	etermined by circ
		Hole size:		
	302'	_		
	13"		" Cemented	550 with 400 SX
				letermined by calc
		<b></b>		tecermined by <u>care</u>
		Hole Size:	11"	
	2990'	Long String		
	85/8'			with 200 SX
				determined by <u>calc</u> .
	L4515'	Hole Size:	7-7/8"	-
	5½'	Total Depth:	5094'	
	` }	Injection In	terval	
	TD 5094'		feet to	5090 feet indicate which)
Tubing size 2-	/8 lined with	IPC		set in a
water	flood tension	acker at	material) 4495	feet.
(brand & mode	l) other casing-tubin			
Other Data	•			
1. Name of the i	njection formation	Sai	n Andres	
2. Name of Field	or Pool (If applie	cable)Lov	ington San And	ires
	well drilled for at purpose was the		No ly drilled? _	Production
	ever be perforated give plugging det	•		all such perforated ge plug(s)
5. Give the dept (pools) in th		ny overlying a	nd/or underlyi	ng oil or gas zones
	erlying-Grayburg			

		Greenhil OPERATOR	1 Petroleum	n Corporatio	n .	Lovingt LEASE	ton San Andres Ur	nit	<del></del> ,
		#57 MELL NO.		60 FSL & 660 FOOTAGE LOCAT		36 SEC.		BGE NGE	
٠	•				· · · · · · · · · · · · · · · · · · ·	Tu	bular Data		· ,
					Surfac	o Casing			
					Size:_	13	Cemented with	200	SX
•	•	•			TOC:	Surface	feet determ	ined by <u>ci</u>	<u>rculati</u> o
	•				Nole s		17"		, .
				1   1	Interm	ediate Cas	ing		
•	Comp1	atad		13"	•		Cemented with	200	SX
	•	5/39			TOC:		feet determ		% calc
	Deepe		•		Hola S		12 1/4 "	12110 a 25 70	W Care
٠	514 11/					<del></del>	12 -74		
				2036'	Long Size:	_	Cemented with	250	sx
					•	3266	;		<u> </u>
			1624. E		-		feet determ	irtied by .7	Uh Calc
		1399	,6.	4640!	Hole :	Size:	8 3/4"	-	
	Je 1	10.31		{ 7"	Total	Depth: _	5144'	<del>-</del> .	
Glo	De war	10		} 4980'	Injec	tion Inter	val		
	. 13.			5144'			feet to open-hole, indic		
	Tub for		23/4	TD.					
	IUDII	ig size _	218	TIMEG WICH	1.	(mat	erial)		oc ra a
		erand & n	nodel)	•	:		4620	teet.	
		•	iny other o	easing-tubing	g seal)	•	•		
	Other	<u>Data</u>	•		•				
	1. No	ime of th	ne injectio	on formation		<u>Sa</u>	n Andres		
	2. Na	ame of F	Leld or Poo	ol (If applie	cable)	Lo	vington San Andr	es	
	3. Is	s this a f no, for	new well or what purp	drilled for pose was the	injecti well o	on? riginally	NoP	roduction	
	11	ntorvals sed.					ne(s)? List all ment or bridge pl		orated
		ivo the			ny over	:lying and/	or underlying of	l or gas	zones
	•	1	, Underlying	- Grayburg	•				

Greenhill Pe	troleum Corporation	LEASE	ngton San Andr	es unit
OFERNIUR	•	•		
#7	1980 FNL & 1980			R37E
WELL NO.	FOOTAGE LOCATION	on sec.	TOWNSHIP	Range
Completed 1/5/49 ecpen to fines 4990	S T H 85/9 I S	irface Casing Lze: 8 5/8  OC: Surface  ole size:  otermediate Co	Cemented we get de soing get de feet de feet de	otermined by calc.  withs  existermined bys
	TD 4955' T	OC: 1711  ole Size: otal Depth: njection Inte	feet do 7 1 1 / 4 4955 ' TYELfeet to	etermined by 80% ca
Tubing size	2%s lined with	IF	<del>.</del> .	set in a
TOOTHE STEE	•	(ma	terial)	860 111 8
ther Data				feet.
. Name of Field	or Pool (If applical	le) Lovin	gton San Andre	es
. Is this a new	well drilled for in at purpose was the w	ection? No 11 originally	drilled?	Production
	ever be perforated in give plugging detai			
Give the dept (pools) in th	h to and name of any is area.	overlying and	i/or underlyin	ng oil or gas zones

OPERATO	ll Petroleum C	orporation	Lovington San LEASE	Andres	
OPERMI			LEASE		
15		)' FSL & 16			E
WELL NO	). FO	OOTAGE LOCA	ION SEC. TOWN	SHIP RANGE	
			Tubular	Data	,
	.1	11	Surface Casing		•
pleted 1-39			Size: 13 " Ceme	nted with	200 s
pened			TOC: Surface f	<del></del>	
23-86	·		Hole size:		. 0)
•				<del></del>	
			Intermediate Casing		500
•		2951	Size: 9-5/8 " Ceme	nted with	s
		้าวีว"	TOC: 1818 f	eet determined	i by <u>calc</u>
			Hole Size: 12"		
			Long String		2.5
			Size: 7 Ceme	nted with	
	•		TOC: 3840 f		
		95/8"	Hole Size: 8-3/4"		
	٠.	7 71		:	
			Total Depth: 5110	· · · · · · · · · · · · · · · · · · ·	
	•	_4531' { 7"	Injection Interval	,	
		1972'	4531 fee (perforated or open-ho	et to 5110	which)
	2 2/011 -	1 5110'		, 20, 20,020	•
Tubing size	2-3/6	ined with	IPC (material)		set in a
<i>i</i>		tension	acker at	45/0 fe	et.
brand & or describe	model) any other ca	sing-tubin	seal).		
Other Data		•	Com And I		
1. Name of	the injection	formation			<del> </del>
2. Name of	Field or Pool	. (If appli	able) Lovington San A	Andres	
3. Is this If no, f	a new well dr for what purpo	illed for se was the	njection? No well originally drille	d? Production	
interval			in any other zone(s)? il (sacks of cement or		
	- ·		y overlying and/or und	erlying oil or	gas zones
· <del>-</del>	in this area,				
	Underlying-Gr	ayourg			•

	oleum Corporatio			on San Andr	es Unit	
OPERATOR	1980 FS- 990	FEL	LEASE			
#17	_660 FNL &_330			T-16S	R37E	
WELL NO.	LOOTVGE TOCV	TION	SEC.	TOWNSHIP	RANGE	
		<del> </del>		<del></del>	<del></del>	<del></del>
			Tub	ular Data	•	•
		Surface Ca	sing			
		Size: 8	5/8 <b>~</b> .	Cemented v	ith450	sx
		TOC: Sur	rface	feet de	termined by	r <u>eale</u>
	85/8"	Hole size:		10 1/4		,
	2050	Intermedia	te Casi	ng		
Completed		Size:		Cemented	vith	SX
9/17/46		тос:		feet de	etermined by	у
deepen to		Hole Size:		<u> </u>	····	
5090	·	Long Strin	Ľ		•	
		Size: 5	1/2 "	Cemented	with 400	sx
•	4623'	TOC:	1832	feet d	etermined b	y <u>80% calc</u>
·.	δ / <sub>2</sub> "	Hole Size:		7 1/4		•
• .	TO 4935	Total Dept	:h:	4935'	. ·	•
•	•	Injection	Intery	<u>a1</u>		
, ,		462 (perforate		feet to pen-hole, i		
Tubing size _ 3%	lined with	· ·	IPC	•	•	set in a
	•		(mate	rial)	•	
(brand & model)	packer	packer at _	460	3	feet,	
(or describe any oth	ner casing-tubin	g seal).				
Other Data	. , • •					
1. Name of the inj	ection formation			San Andres		
2. Name of Field o	r Pool (If appli	cable)	·	_ovington_S	an Andres	
	ell drilled for purpose was the				. Prod	uction
used.	er be perforated ive plugging det					erforated
5. Give the depth	to and name of a	ny overlyin	g and/o	r underlyin	ng oil or gr	as zones
(pools) in this	area.	. 5		•		•
	Inderlying - Gra	vhura		•	•	

#58 2310' FNL & 1309' FWL 31 16S 37E  WELL NO. FOOTAGE LOCATION SEC. TOWNSHIP RANGE  Tubular Data  Surface Casing  Size: 13	OPERATOR	troleum Corporation Lovington San Andres LEASE
Tubular Data  mpleted -15-41  size: 13		990
### Tubular Data    Surface Casing		
Surface Casing   Size: 13	Walla No.	TOOTION BEG. TOWNSHIE HERON
Size: 13  " Cemented with 180  TOC: Surface feet determined by circ  TOC: Surface feet determined by circ  Intermediate Casing  Size: 8-5/8  " Cemented with 400  ZOSS' TOC: 860  feet determined by cal  Body " Hole Size: 11"  Long String  Size: 5-1/2  " Cemented with 200  #570  TOC: 3479  feet determined by cal  Hole Size: 7-7/8"  Total Depth: 4990'  Injection Interval  4570  feet to 900'  (perforated or open-hole, indicate which)  Tubing size 2- /8  lined with  IPC  set indicate which)  (brand & model)  (or describe any other casing-tubing seal).  Other Data  1. Name of the injection formation  San Andres  2. Name of Field or Pool (If applicable) Lovington San Andres  3. Is this a new well drilled for injection? No		<u>Tubular Data</u>
Size: 13 " Cemented with 180  TOC: Surface feet determined by circ  249' Hole size: 17-1/4"  Intermediate Casing  Size: 8-5/8 " Cemented with 400  TOC: 860 feet determined by cal  85/7" Hole Size: 11"  Long String  Size: 5-1/2 " Cemented with 200  TOC: 3479 feet determined by cal  Hole Size: 7-7/8"  Hole Size: 7-7/8"  100: 3479 feet determined by cal  Hole Size: 7-7/8"  Total Depth: 4990'  Injection Interval  4570 feet to 5070  (perforated or open-hole, indicate which)  Tubing size 2- /8 lined with 1PC set indicate which)  (brand 6 model) (or describe any other casing-tubing seal).  Other Data  1. Name of the injection formation San Andres  2. Name of Field or Pool (If applicable) Lovington San Andres  3. Is this a new well drilled for injection? No		Surface Casing
Long String   Size:		Size: 13 " Cemented with 180 S
Intermediate Casing  Size: 8-5/8 " Cemented with 400  TOC: 860 feet determined by	epen to 5070	TOC: Surface feet determined by circ
Size: 8-5/8 " Cemented with 400  Toc: 860		
Tubing size 2-/8 lined with IPC set indicate which)  Tubing size 2-/8 lined with IPC set indicate which)  Tubing size 2-/8 lined with IPC set indicate which)  Total Depth: 4570 feet to (material) packer at (material) 4550 feet.  (or describe any other casing-tubing seal).  Other Data  1. Name of field or Pool (If applicable) Lovington San Andres  2. Name of Field or Pool (If applicable) Lovington San Andres  1. Is this a new well drilled for injection? No		Intermediate Casing
Hole Size:		Size: 8-5/8 " Cemented with 400 S
Long String  Size: 5-1/2 " Cemented with200		ZO85' TOC: 860 feet determined by calc
Size: 5-1/2 " Cemented with200  - 4570		8 5/9" Hole Size: 11"
Hole Size: 7-7/8"  Hole Size: 7-7/8"  Injection Interval  4570 feet to feet to (perforated or open-hole, indicate which)  Tubing size 2- /8 lined with IPC set indicate which)  packer at 4550 feet.  (brand & model) (or describe any other casing-tubing seal).  Other Data  Name of the injection formation San Andres  Name of Field or Pool (If applicable) Lovington San Andres  Is this a new well drilled for injection? No		Long String
Hole Size: 7-7/8"    4990'   Total Depth: 4990'		Size: 5-1/2 " Cemented with 200 S
Injection Interval    4570   feet to   5070   feet to   (perforated or open-hole, indicate which)		
Injection Interval  4570 feet to		Hole Size: <u>7-7/8"</u>
4570 feet to		1 4990' Total Depth: 4990'
4570 feet to		
Tubing size 2- /8 lined with IPC set i (material)  packer at /550 feet.  (brand & model) (or describe any other casing-tubing seal).  Other Data  1. Name of the injection formation San Andres  2. Name of Field or Pool (If applicable) Lovington San Andres  3. Is this a new well drilled for injection? No		4570 feet to feet
packer at	Tuhing size 2	
(brand & model) (or describe any other casing-tubing seal).  Other Data  1. Name of the injection formation San Andres  2. Name of Field or Pool (If applicable) Lovington San Andres  3. Is this a new well drilled for injection? No	Tuoriig Dano	(material)
(or describe any other casing-tubing seal).  Other Data  1. Name of the injection formation San Andres  2. Name of Field or Pool (If applicable) Lovington San Andres  3. Is this a new well drilled for injection? No	(brand & mode	packer at 4330 feet.
Name of the injection formation San Andres      Name of Field or Pool (If applicable) _Lovington San Andres      Is this a new well drilled for injection?		·
2. Name of Field or Pool (If applicable) Lovington San Andres  3. Is this a new well drilled for injection? No	Other Data	
3. Is this a new well drilled for injection? No	1. Name of the	Injection formation San Andres
	2. Name of Field	d or Pool (If applicable) Lovington San Andres
ı		
4. Has the well ever be perforated in any other zone(s)? List all such perforat intervals and give plugging detail (sacks of cement or bridge plug(s) used. NO	intervals and used.	

Greenhill Pe	troleum Corporat	ion	Lovingt LEASE	on San Andr	es	<del></del>
#31	660' FNL & 198	O' FWL	1	178	36E	
WELL NO.	FOOTAGE LO		SEC.	TOWNSHIP	RANGE	
			Tu	bular Data		
ompleted 12-22-39	111	<u>Surfa</u>	ce Casing			
	111	Size:		Cemented w	with	sx
eepened 6-20-87		TOC:	Surface	feet de	etermined by	circ
			size: <u>17</u>	'-1/4"	<del></del>	
	Lz		mediate Cas	ing	•	
		Size:	8-5/8 "	Cemented v	with 500	sx
		TOC:	2021	feet de	etermined by	calc
	L <sub>310</sub>		Size:	11"		
	87		String		•	
		Size:	5-1/2 "	Cemented v	with 325	sx
	454	TOC:	2890	feet d	etermined by	calc so
	5'/2	ji.		7-7/8"		•
	}	•	Depth:		<del>* ***</del>	
	770	)	-		<del></del>	
	J_ 512:		tion Interv		F10F	
	TO			<del></del> _	5125 ndicate which	
Tubing size2-	-3/8" lined with	n			s	et in a
water flood	tension	packer		erial)	feet.	
(brand & mode				•		
ther Data						
l. Name of the	njection formati	on	San /	Andres		
2. Name of Field	or Pool (If app	licable)	Lovingto	on San Andre	S	
	well drilled fo nat purpose was t			drilled? P	roduction	
	ever be perforat i give plugging d					forated
5. Give the depty (pools) in the	th to and name of	any ove	rlying and/	or underlyin	ng oil or gas	zones
	erlying-Grayburg					

	oleum Corporati	ion		ton San Andr	es Unit	
OPERATOR		•	Lease			
#43 WELL NO.	1980 FNL & 6		· 1	T17S	R36E	
WELL NO.	LOOTINGE TO	WIION	SEC.	TOWNSHIP	RANGE	
· · · · · · · · · · · · · · · · · · ·		Surfac	Tu e Casing	ıbular Data	·	
	1 1 1.5					
		•			termined by ci	
·					–	Culacio
	13"			17 1/2		
	2201		ediate Cas	_		
Completed		Size:_	8 5/8 4	" Cemented v	vith 600	sx
6/19/41		TOC: _	199	feet de	etermined by	50% calc
Repento 5030'	2036	Hole S	ize:			
•	13 78"	Long S	tring			
	<b>\</b> \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Size:_	5 1/2	" Cemented v	with350	SX
		TOC: _	2679	feet de	etermined by _{	30% calc
	5½" 45%'	Hole S	ize:	7 7/8"		•
	} .	Total	Depth:	4990'		
	TD 4990'	Inject	lon Inter	val		
			4546 orated or		5030 ndicate which)	
Tubing size	$2^{3/8}$ lined with	•		TPC	s:	st in a
			(mat	erial)	foot	•
(brand & model)				733 0	1080,	
(or describe any otl	ner casing-tubi	ng seal).	•			
Other Data			•			
1. Name of the inj	•					
2. Name of Field of	r Pool (If appl	icable)	Lo	vington San <i>I</i>	Andres	<del></del>
3. Is this a new wo					Productio	<u>n</u>
4. Has the well ever intervals and gused.		tall (sad	cks of cen	ent or bridg		orated
5. Give the depth (pools) in this	to and name of		•	• .	g oil or gas :	zones
About an out			•	•		

Greenhill   OPERATOR	Petròleum Corporation	<u>n '</u>	Lovingt LEASE	ton San Andı	ces Unit	<del></del>	<del></del>
#40	1000 581 9 6	CO EEL	•	T170	Dace	•	
WELL NO.	1980 FNL & 60 FOOTAGE LOCA		SEC.	T17S TOWNSHIP	R36E Range	,	,
	<u> </u>						· .
•.	•		Tul	bular Data			
	,	Surfaco	Casing			180	
		Size:	13 . "	Comented 1	with	, ,	_sx
		Toc:	Surface	feet d	etermined	<b>by</b> circu	latio
·			•	17 1/4"			
			diate Cas		•	<b></b> .	
	13"			Cemented	_	250 600	SX
Completed 12/4/39		•		feet d	• * *		
				11"		, <u></u> ,	<u></u>
			<u> </u>				· *) ·
	3091'	Long St				260- <del>4</del> 5	
	8 = /8 "	•		Cemented	•		sx
				feet d	letermined	by <u>cal</u>	C 807
÷		Hola Si	Lze:	7 7/8"	·		
1	4579' 5½"	Total I	Depth:	49501	· 		
	4950'	•	ion Inter	/al.	•	• •	
	. TD		in	feet to open-hole,	4950		oot
Tubing give	$2^{3/8}$ lined with	•	zacea oz (			set 1	l
rubing size		• .	•	erial)			iii a
(brand & mo	dal)	· ,	t <u>4519</u>			at.	
	y other casing-tubin	'g sour).			:		
Other Data		•					
1. Name of the	injection formation	·	San	Andres	<del></del>	•	<del></del>
2. Name of Fie	ld or Pool (If appli	.cable)	Lovi	ngton San A	ndres		•
	new well drilled for what purpose was the				<u>Product</u>	ion	
	.l ever be perforated and give plugging det						ted
	opth to and name of a	any overl	ying and/	or underlyi	ng oil or	gas zon	185
, Und	len]vina_Gnavbuna	•			•		

Greenhill Pe OPERATOR	n Loyington San Andres LEASE					
#45 WELL NO.	1980' FNL & 1980 FOOTAGE LOCA		2 SEC.	17S TOWNSHIP	36E RANGE	
			Tu	bular Data	·	
Completed		Surface		<u> </u>		
5-26-43	111				175	
			•		<del></del>	_sx
		TOC: S	urface	feet d	etermined by <u>circ</u>	
	Lz30'	Hole siz	ze: <u>1</u>	7 31		
	13"	Intermed	diate Cas	ing		
		Size: 8	<u>-5/8</u> ^	Cemented	with 600	_sx
		TOC: 2	13	feet d	etermined by calc	
		<u>.                                    </u>	ze:		•	
	2051	Long St	<u> </u>			
	8519"					SX
					<del></del>	
		TOC: _2	396	feet d	etermined by <u>cal</u>	<u>c</u>
	L 4577'	Hole Si	ze:	7-7/8"	<del></del>	
	51/2"	Total D	epth:	5147'		
	}	<u>Injecti</u>	on Inter	<u>zal</u>		
	1 5177' TD	4577 (perfor		<del></del>	fe ndicate which)	et
Tubing size 7	3/y - lined with	IPC	· -		set i	n a
		acker at	•	erial)	feet.	
(brand & mode	el)		73.2			
(or describe any	other casing-tubing	; seal).				
Other Data						
1. Name of the	injection formation				· · · · · · · · · · · · · · · · · · ·	
2. Name of Field	d or Pool (If applie	cable) _	Lovingto	n San Andres		
	w well drilled for hat purpose was the			drilled? Pr	oduction	
	ever be perforated d give plugging det					eđ
5. Give the dep	th to and name of a	ny overly	ing and/	or underlyi	ng oil or gas zone	s
•	rlying-Grayburg					

	<u>'etroleum Corporatior</u>	
OPERATOR	· .	LEASE
#37 WELL NO.	330' FNL & 990' FF FOOTAGE LOCA	
·		Tubular Data
Completed 7-24-46	111	Surface Casing
7 24 10		Size: 13 Cemented with 20 SX
		TOC: Surface feet determined by circ
	13"	Hole size: 15"
		Intermediate Casing
		Size: 7-5/8 " Cemented with 500 SX
Deepento 5030		TOC: Surface feet determined by calc
		Hole Size: 9-3/4"
		Long String
	2015' 75/8''	Size: 5-1/2 Cemented with 290 SX
•		TOC: Surface feet determined by calc
•		Hole Size: 6-1/4"
	L4560'	Total Depth: 4943'
	51/2"	Injection Interval
	⊥ 4943 TD	<u>4560</u> feet to <u>5030</u> — feet
		(perforated or open-hole, indicate which)
Tubing size 1	½ − lined with	(material)
(brand & mod		packer at 4510 feet.
	other casing-tubing	g seal).
Other Data		
1. Name of the	injection formation	San Andres
2. Name of Fiel	d or Pool (If applie	cable) Lovington San Andres
3. Is this a ne If no, for w	ew well drilled for what purpose was the	injection? No well originally drilled? Production
		in any other zone(s)? List all such perforated ail (sacks of cement or bridge plug(s)
5. Give the dep	oth to and name of a	ny overlying and/or underlying oil or gas zones
(pools) in t		
Unde	erlying-Grayburg	

OPERATOR	troleum Corporation	Loyington San Andres LEASE
	2201 FNI 9 10001 F	
#35 WELL NO.	339' FNL & 1890' F FOOTAGE LOCA	
	· · · · · · · · · · · · · · · · · · ·	Tubular Data
Completed		Surface Casing
5-4-39		Size: 13 " Cemented with 200 SX
		TOC: Surface feet determined by circ
5 . L. +040	323	Hole size: 17-1/4"
Deepen to 5040	13"	Intermediate Casing
		Size: 9-5/8" " Cemented with 400 SX
		TOC: 1644 feet determined by calc
	2950'	Hole Size: 12"
	95/8"	Long String
		Size: 7 " Cemented with 300 SX
	i	TOC: 1789 feet determined by calc
	_457D'	Hole Size: 8-3/4"
	\[ \frac{17}{7}"	Total Depth: 4942'
	( 4942'	Injection Interval
	TD	4570 — feet to 5040 feet (perforated or open-hole, indicate which)
	3/4 " - 3	
Tubing size	7/8 "- lined with	(material)
(brand & mod	lel)	packer at4520 feet.
(or describe any	other casing-tubin	ng seal).
Other Data	· .	
1. Name of the	injection formation	SanAndres
2. Name of Fiel	d or Pool (If appli	cable) Lovington San Andres
3. Is this a ne If no, for w	w well drilled for that purpose was the	injection? No ewell originally drilled? Production
		in any other zone(s)? List all such perforated tail (sacks of cement or bridge plug(s)
5. Give the dep		any overlying and/or underlying oil or gas zones
Unde	erlying-Grayburg	

OPERATOR	troleum Corporation	Loyington San Andres LEASE
#35	339' FNL & 1890' FW	
WELL NO.	FOOTAGE LOCA	TION SEC. TOWNSHIP RANGE
		Tubular Data
Completed		Surface Casing
5-4-39		Size: 13 " Cemented with 200 SX
		TOC: Surface feet determined by circ
	323	Hole size: 17-1/4"
Deepen to 5040	13"	Intermediate Casing
		Size: 9-5/8" " Cemented with 400 SX
		TOC: 1644 feet determined by calc
	2950'	Hole Size: 12"
	95/8"	Long String 200
		Size: 7 " Cemented with 300 SX
		TOC: 1789 feet determined by calc
	4570'	Hole Size: 8-3/4"
	\[ \frac{1}{2}"	Total Depth: 4942'
	49421	Injection Interval
	To	4570 — feet to 5040 feet (perforated or open-hole, indicate which)
Tuhing size 2.3	Ny _ = lined with	196
Tuoring State	<del></del>	(material)
(brand & mode		packer at 4520 feet.
(or describe any	other casing-tubing	g seal).
Other Data	· .	
1. Name of the i	injection formation	- SanAndres
2. Name of Field	i or Pool (If applie	cable) Lovington San Andres
3. Is this a new If no, for wh	w well drilled for that purpose was the	injection? No well originally drilled? Production
		in any other zone(s)? List all such perforated ail (sacks of cement or bridge plug(s)
5. Give the deptoral (pools) in the		ny overlying and/or underlying oil or gas zones
· ·	rlying-Grayburg	

Greenhill OPERATOR	Petroleum Corporation Lovington San Andres Unit LEASE
	616
#39 WELL NO.	1985 FNL & 610 FWL 6 T17S R37E FOOTAGE LOCATION SEC. TOWNSHIP RANGE
* .	Tubular Data
	Surface Casing
•	Size: 13 " Cemented with 200 SX
•	TOC: Surface feet determined by circulati
	Nola size: 15"
	13" Intermediate Casing
Completed 10/28/39	Size: 9 5/8 " Cemented with 500 SX
10/20/33	TOC: 1506 feet determined by 50% calc
•	Hole Size: 12"
	45/s" Long String
· ·	Size: 7 " Cemented with 200 SX
	TOC: 3265 feet determined by 80% calc
•	4522' Hole Size: 8 3/4
	7" Total Depth:4945'
·	
•	1975' Injection Interval TD 4522 feet to 4575 feet
•	(perforated or open-hole, indicate which)
Tubing size	$2\frac{1}{8}$ lined with IPC set in a
· .	(material) packer at 4570 feet.
(brand & mo	
ther Data	, value one ling to any t
	Can Andrea
Name of the	injection formation San Andres
. Name of Fie	ld or Pool (If applicable) Lovington San Andres
	what purpose was the well originally drilled? Production
	.l ever be perforated in any other zone(s)? List all such perforated and give plugging detail (sacks of cement or bridge plug(s)
uscu,	No
Give the de	epth to and name of any overlying and/or underlying oil or gas zones

<u> Underlying - Grayburg</u>