

Submit to Appropriate District Office
 State Lease - 6 copies
 Fee Lease - 5 copies

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-101
 Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
 Santa Fe, New Mexico 87504-2088

DISTRICT I
 P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
 P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
 1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)

30 025 30753

5. Indicate Type of Lease
 STATE FEE

6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:
 DRILL RE-ENTER DEEPEN PLUG BACK
 b. Type of Well:
 OIL WELL GAS WELL OTHER
 SINGLE ZONE MULTIPLE ZONE

7. Lease Name or Unit Agreement Name
 Lovington San Andres Unit

2. Name of Operator
 Greenhill Petroleum Corp.

8. Well No.
 61

3. Address of Operator
 16010 Barker's Point Lane, #325, Houston, TX 77079

9. Pool name or Wildcat
 Lovington Grayburg San And

4. Well Location Unit Letter E.G. : 2545 Feet From The North Line and 100 Feet From The West Line
 Section 6 Township 17S Range 37E NMPM Lea County

10. Proposed Depth
 5300'
 11. Formation
 San Andres
 12. Rotary or C.T.
 Rotary

13. Elevations (Show whether DF, RT, GR, etc.)
 3818' GL
 14. Kind & Status Plug. Bond
 Blanket on file
 15. Drilling Contractor
 TBD
 16. Approx. Date Work will start
 1-1-90

17. **PROPOSED CASING AND CEMENT PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48#	350'	450	Surface
11"	8-5/8"	24#	2050'	700	Surface
7-7/8"	5-1/2"	15.5#	5300'	200	4150'

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Production Coord. DATE 12/5/89

TYPE OR PRINT NAME Gene Linton (713) 870-0606 TELEPHONE NO.

(This space for State ORIGINAL SIGNED BY JERRY SEXTON
 DISTRICT I SUPERVISOR

DEC 15 1989

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
 Date Unless Drilling Underway.

20170723

GREENHILL PETROLEUM CORPORATION
 BOP PROGRAM FOR
 LOVINGTON SAN ANDRES UNIT #61

<u>Casing Program</u>			<u>BOP Program</u>		
Size	Depth	Wt	Grade	Configuration	Test Pressure
13 3/8"	350'	48#	H40, STC	RA	200 psi
8 5/8"	2050'	24#	K55, STC	RR or RA	250/1500 psi
5 1/2"	5300'	15#	K55, STC	N/A	

* RR - Ram Ram
 RA - Ram Annular
 Diverter - Hydrill may be substituted for a diverter.

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 Energy, Minerals and Natural Resources Department

Form C-102 -
 Revised 1-1-89

OIL CONSERVATION DIVISION

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 Santa Fe, New Mexico 87504-2088

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WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

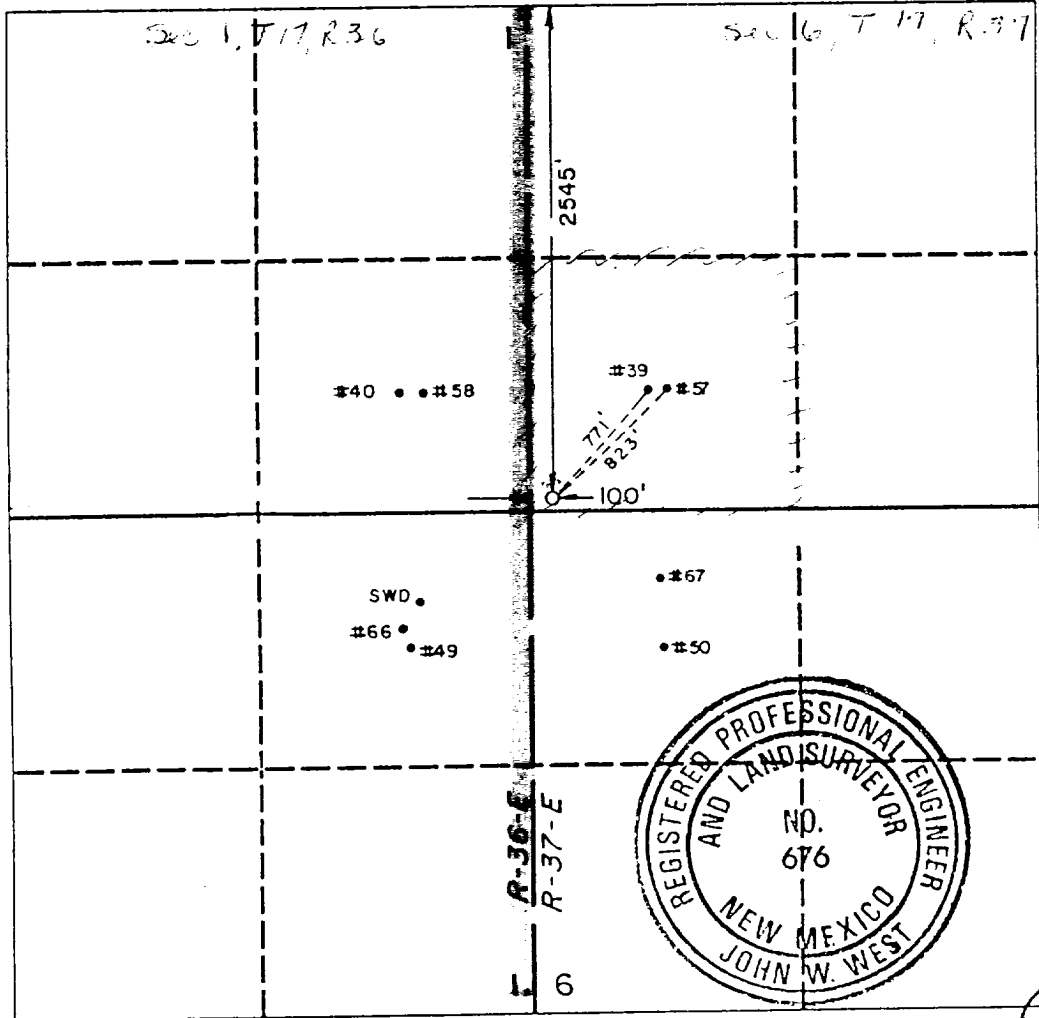
Operator GREENHILL PETROLEUM CORPORATION			Lease LOVINGTON SAN ANDRES UNIT		Well No. 61
Unit Letter G E	Section 6	Township 17-S	Range 37-E	County LEA	
Actual Footage Location of Well: 2545 feet from the NORTH line and 100 feet from the WEST line					
Ground level Elev. 3818.0	Producing Formation San Andres		Pool Lovington Grayburg San Andres	Dedicated Acreage: 20 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

Yes No If answer is "yes" type of consolidation _____

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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature
 Gene Linton
 Printed Name
 Production Coordinator
 Position
 Greenhill Petroleum Corp
 Company
 12/5/89
 Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
 NOVEMBER 16, 1989

Signature & Seal of
 Professional Surveyor

Signature & Seal of
 Certificate No. JOHN W. WEST, 676
 RONALD J. EIDSON, 3239