

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-104
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address TITAN RESOURCES I, INC. 500 W. TEXAS, SUITE 500 MIDLAND, TEXAS 79701		² OGRID Number 150661
		³ Reason for Filing Code CH EFF 12/17/97
⁴ API Number 30-0 30-025-31543	⁵ Pool Name Lovington Grayburg San Andres	⁶ Pool Code 40580
⁷ Property Code 23221	⁸ Property Name Lovington San Andres Unit	⁹ Well Number 77

II. ¹⁰ Surface Location

UL or lot no. E	Section 31	Township 16S	Range 37E	Lot. Idn	Feet from the 1582	North/South Line NORTH	Feet from the 381	East/West line WEST	County LEA
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¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
¹² Lse Code S	¹³ Producing Method Code P	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
022628	Texas-NM Pipeline Co. P. O. Box 55678, TA Denver, Co 80217	1038810	0	
009171	GPM Gas Corp 1000 Plaza Office Bldg Bartlesville, OK 74004	1038830	G	

IV. Produced Water

²³ POD 1038850	²⁴ POD ULSTR Location and Description
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V. Well Completion Data

²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBTB	²⁹ Perforations	³⁰ DHC, DC, MC
³¹ Hole Sie	³² Casing & Tubing Size	³³ Depth Set	³⁴ Sacks Cement		

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date	³⁸ Test Length	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure
⁴¹ Choke Size	⁴² Oil	⁴³ Water	⁴⁴ Gas	⁴⁵ AOF	⁴⁶ Test Method

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Brenda Coffman</i> Printed name: Brenda Coffman Title: Regulatory Analyst Date: 1-15-98 Phone: (915) 498-8662		OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY CHRIS WILLIAMS DISTRICT I SUPERVISOR Title: Approval Date:	
⁴⁷ If this is a change of operator fill in the OGRID number and name of the previous operator Greenhill Petroleum Corporation #009374 12/16/97 <i>Shelley Bush</i> Previous Operator Signature <i>Shelley Bush</i> Printed Name Promotion Analyst Title			

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG 83240

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☒ DRY ☐ Other ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐

2. NAME OF OPERATOR
GREENHILL PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR
11490 Westheimer, Suite 200, Houston, Texas 77077

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface Unit Letter E, 1582' from the north line and 381' from
the west line, Sec. 31, T 16S, R 37E, Lea County, NM
At top prod. interval reported below
API# 30 025 31543

At total depth

14. PERMIT NO. DATE ISSUED
NSL-3108 6-29-92

5. LEASE DESIGNATION AND SERIAL NO.

LC 058418

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

Lovington San Andres Unit

8. FARM OR LEASE NAME

same

9. WELL NO.

77

10. FIELD AND POOL, OR WILDCAT

Lovington Grayburg San Andres

11. SEC. T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 31, T 16S, R 37E
Lea County, NM

12. COUNTY OR
PARISH

Lea

13. STATE

NM

15. DATE SPUDDED 7-5-92 16. DATE T.D. REACHED 7-11-92 17. DATE COMPL. (Ready to prod.) 8-5-92 18. ELEVATIONS (DF, RNB, RT, GR, ETC.)* 3830.9 GLE

20. TOTAL DEPTH, MD & TVD 5173' 21. PLUG BACK T.D., MD & TVD 5146' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY → ROTARY TOOLS XXX CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4688'-5035' San Andres 25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN
GR/CNL/CCL

27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	1335'	12 1/4"	500 sacks of Class C	
5 1/2"	15.5#	5173'	7 7/8"	1125 sacks of Class C	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	5031'	

31. PERFORATION RECORD (Interval, size and number)

4688-5035' See Exhibit "A"

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4688'-5035'	32 tons of CO2 plus 10,000 gallons of 20% NEFE SGA Acid

33.* PRODUCTION

DATE FIRST PRODUCTION 8-3-92 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Rod Pump WELL STATUS (Producing or shut-in) Prod.

DATE OF TEST 8-9-92 HOURS TESTED 24 hours CHOKER SIZE --- PRODN. FOR TEST PERIOD → OIL—BBL. 24 GAS—MCF. TSTM WATER—BBL. 318 GAS-OIL RATIO TSTM

FLOW. TUBING PRESS. --- CASING PRESSURE --- CALCULATED 24-HOUR RATE → OIL—BBL. 24 GAS—MCF. TSTM WATER—BBL. 318 OIL GRAVITY-API (CORR.) ---

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Exhibit "A"

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Michael J. Newport

TITLE Land Mgr.- Permian Basin

DATE 8-26-92

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Yates	3122	3358	Sandstone-Siltstone			
7 Rivers	3358	3775	Sandstone-Siltstone			
Queen	3775	4450	Sandstone			
Grayburg	4450	4660	Lime and Anhydrite			
San Andres	4660	5173	Dolomite			

RECEIVED
SEP 1 1966
OCD HOSBURN