

Submitted to Appropriate
District Office
State Lease - 6 copies
For Lease - 5 copies
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

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-105
Revised 1-1-89

WELL API NO. 30 025 31261
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B 3009
7. Lease Name or Unit Agreement Name West Lovington Unit
8. Well No. 77
9. Pool name or Wildcat W. Lovington Upper San Andres

WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____					
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIPP RESVR ☐ OTHER _____					
2. Name of Operator GREENHILL PETROLEUM CORPORATION					
3. Address of Operator 11490 Westheimer, Suite 200, Houston, Texas 77077					
4. Well Location Unit Letter <u>P</u> : <u>1165</u> Feet From The <u>South</u> Line and <u>1305</u> Feet From The <u>East</u> Line Section <u>5</u> Township <u>17S</u> Range <u>36E</u> NMPM Lea County					
10. Date Spudded 9-18-91	11. Date T.D. Reached 9-25-91	12. Date Compl. (Ready to Prod.) 11-3-91	13. Elevations (DF & RKB, RT, GR, etc.) 3889GR	14. Elev. Casinghead -----	
15. Total Depth 5230'	16. Plug Back T.D. -----	17. If Multiple Compl. How Many Zones? ---	18. Intervals Drilled By Rotary Tools XXX	19. Producing Interval(s), of this completion - Top, Bottom, Name 4767-5114 San Andres	
21. Type Electric and Other Logs Run GR CNL CCL CBL				20. Was Directional Survey Made	
				22. Was Well Cored	

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLE
8 5/8"	24#	357'	12 1/4	300 sacks of Class C	
5 1/2"	15.5#	5230'	7 7/8	1450 sacks of Class C	
24. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	PACKER SE
				2 7/8"	4770'
26. Perforation record (interval, size, and number) See Exhibit A			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 4767-5114 AMOUNT AND KIND MATERIAL USED 26 tons CO2, 8000 gals. 20% NEFF		

28. PRODUCTION						Well Status (Prod. or Shut-in) Prod.	
Date First Production 11-3-91	Production Method (Flowing, gas lift, pumping - Size and type pump) pump						
Date of Test 11-6-91	Hours Tested 24 hours	Choke Size ----	Prod'n For Test Period Oil - Bbl 17	Gas - MCF TSTM	Water - Bbl 475	Gas - Oil Rat TSTM	
Flow Tubing Press. -----	Casing Pressure ----	Calculated 24-Hour Rate Oil - Bbl 17	Gas - MCF TSTM	Water - Bbl 475	Oil Gravity - API - (Corr.)		
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						Test Witnessed By	
30. List Attachments							

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Michael J. Newport Printed Name Michael J. Newport Title Land Manager-Permian Basin Date 11-18-91

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all specific tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy _____ NL _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ NL _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ NL _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ NL _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3364 _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3787 _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 4469 _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4674 _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzie _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 3, from.....to.....
 No. 2, from.....to..... No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	3150	3150	Not logged				
3150	3364	214	Sandstone-Siltstone				
3364	3787	637	Sandstone-Siltstone				
3787	4469	682	Sandstone				
4469	4674	205	Lime and Anhydrite				
4674	5175	501	Dolomite				
Total Depth	5175'						