

Submit to Appropriate
District Office
State Lease - 6 copies
Fee 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

Form C-105
Revised 1-1-89

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

WELL API NO. 30-025-32890
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name SMGSAU
8. Well No. 612
9. Pool name or Wildcat Maljamar Grayburg San Andres

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐	7. Lease Name or Unit Agreement Name SMGSAU			
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DEEP REPAIR ☐ OTHER ☐				
2. Name of Operator CROSS TIMBERS OPERATING COMPANY	8. Well No. 612			
3. Address of Operator P. O. Box 52070 Midland, Texas 79705	9. Pool name or Wildcat Maljamar Grayburg San Andres			
4. Well Location Unit Letter <u>N</u> : <u>710</u> Feet From The <u>South</u> Line and <u>1,425</u> Feet From The <u>West</u> Line Section <u>29</u> Township <u>17S</u> Range <u>33E</u> NMPM Lea County				
10. Date Spudded 5/3/95	11. Date T.D. Reached 5/9/95	12. Date Compl. (Ready to Prod.) 5/31/95	13. Elevations (DF & RKB, RT, GR, etc.) 4,045' GR, 4,059' RKB	14. Elev. Casinghead
15. Total Depth 4,473'	16. Plug Back T.D. 4,420'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 0'-4,473'	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 4,280'-4,239' Grayburg				20. Was Directional Survey Made No
21. Type Electric and Other Logs Run GR/CNL/CCL				22. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24	333'	12-1/4"	250 sx	
5-1/2"	15.5	4,473'	7-7/8"	1,000 sx	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	4,216'	None

26. Perforation record (interval, size, and number) 0.52" - 1 jsp from 4,280'-4,286', 4,313'-4,318', 4,334'-4,339' (Total - 19 holes).	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 4,280'-4,339' AMOUNT AND KIND MATERIAL USED 2,500 gals NEFF HCL Acid, 17,900 gal borate XL gel, 70,000 # 12/20 sd.
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28. PRODUCTION							
Date First Production 5/31/95		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 1-1/2" rod pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 6/4/95	Hours Tested 24	Choke Size NA	Prod'n For Test Period Oil - Bbl. 38	Gas - MCF 30	Water - Bbl. 87	Gas - Oil Ratio 789	
Flow Tubing Press. NA	Casing Pressure 30	Calculated 24-Hour Rate	Oil - Bbl. 38	Gas - MCF 30	Water - Bbl. 87	Oil Gravity - API - (Corr.) 36.6	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By Jim Baker
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30. List Attachments GR/CNL/CCL

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 Ray F. Martin	Printed Name Ray F. Martin	Title Operations Engineer	Date 6/5/95

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 special 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

T. Anhy _____
 T. Salt _____ 1,418
 B. Salt _____ 2,456
 T. Yates _____ 2,589
 T. 7 Rivers _____ 2,974
 T. Queen _____ 2,590
 T. Grayburg _____ 4,237
 T. San Andres _____
 T. Glorieta _____
 T. Paddock _____
 T. Blinbry _____
 T. Tubb _____
 T. Drinkard _____
 T. Abo _____
 T. Wolfcamp _____
 T. Penn _____
 T. Cisco (Bough C) _____

T. Canyon _____
 T. Strawn _____
 T. Atoka _____
 T. Miss _____
 T. Devonian _____
 T. Silurian _____
 T. Montoya _____
 T. Simpson _____
 T. McKee _____
 T. Ellenburger _____
 T. Gr. Wash _____
 T. Delaware Sand _____
 T. Bone Springs _____
 T. _____
 T. _____
 T. _____
 T. _____

Northwestern New Mexico

T. Ojo Alamo _____
 T. Kirtland-Fruitland _____
 T. Pictured Cliffs _____
 T. Cliff House _____
 T. Menefee _____
 T. Point Lookout _____
 T. Mancos _____
 T. Gallup _____
 Base Greenhorn _____
 T. Dakota _____
 T. Morrison _____
 T. Todilto _____
 T. Entrada _____
 T. Wingate _____
 T. Chinle _____
 T. Permian _____
 T. Penn "A" _____
 T. Penn. "B" _____
 T. Penn. "C" _____
 T. Penn. "D" _____
 T. Leadville _____
 T. Madison _____
 T. Elbert _____
 T. McCracken _____
 T. Ignacio Otzte _____
 T. Granite _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____
 No. 2, from _____ to _____
 No. 3, 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
1418	2456	1088	Salt				
2589	2974	385	Silt & Dol				
2974	3590	616	Dol & Silt				
3590	3759	169	Dol & Silt				
4237	4325	88	SS & Dol				

RECEIVED

OFFICE