

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. 30-025-33591
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. 003355
7. Lease Name or Unit Agreement Name SEMGSAU
8. Well No. 615
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 SEMGSAU		
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DEEP RESERV ☐ OTHER _____					
2. Name of Operator CROSS TIMBERS OPERATING COMPANY			8. Well No. 615		
3. Address of Operator 3000 N. Garfield, Suite 175 Midland, Texas 79705			9. Pool name or Wildcat Maljamar Grayburg San Andres		
4. Well Location Unit Letter <u>K</u> : <u>1900</u> Feet From The <u>South</u> Line and <u>2630</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 11-5-96	11. Date T.D. Reached 11-12-96	12. Date Compl. (Ready to Prod.) 11-27-96	13. Elevations (DFA & RKB, RT, GR, etc.) 4,067' GR 4,082' RKB	14. Elev. Casinghead 4,067'	
15. Total Depth 4,400'	16. Plug Back T.D. 4,318'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools X Cable Tools	20. Was Directional Survey Made No	
19. Producing Interval(s), of this completion - Top, Bottom, Name 4,278'-4,296.5' Grayburg (Premier Sd)			22. Was Well Cored No		
21. Type Electric and Other Logs Run GR/CNL/CCL					

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	23	418'	12-1/4"	275 SX	
5-1/2"	15.5	4,400'	7-7/8"	950 SX	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	4,250'	—

26. Perforation record (interval, size, and number) 4,278', 4,279', 4,280', 4,281', 4,282', 4,283' 4,284', 4,285', 4,286', 4,292.5', 4,293.5', 4,294.5', 4,295.5' & 4,296.5' (t-tl 14 - 0.50" dia holes).	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	4,278'-4,296.5'	1,500 gals 15% NEFE HCL acid w/15 BS; 18,500 gals XL gel carrying 60,000# 12/20 Brady Sd.

PRODUCTION

Date First Production 11-28-96		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 1-1/4" Rod pump				Well Status (Prod. or Shut-in) Prod	
Date of Test 12-12-96	Hours Tested 24	Choke Size —	Prod'n For Test Period	Oil - Bbl 39	Gas - MCF 32	Water - Bbl 38	Gas - Oil Ratio 821
Flow Tubing Press. —	Casing Pressure 40	Calculated 24-Hour Rate	Oil - Bbl 39	Gas - MCF 32	Water - Bbl 38	Oil Gravity - API - (Corr.) 37.0	

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 12-13-96

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. Canyon _____
T. Salt _____	T. Strawn _____
B. Salt _____	T. Atoka _____
T. Yates _____ 2,610'	T. Miss _____
T. 7 Rivers _____ 2,990'	T. Devonian _____
T. Queen _____ 3,590'	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinebry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____
T. Abo _____	T. Premier Sd _____ 4,245'
T. Wolfcamp _____	T. _____
T. Penn _____	T. _____
T. Cisco (Bough C) _____	T. _____

Northwestern New Mexico

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

OIL OR GAS SANDS OR ZONES

OIL OR GAS SANDS OR ZONES

No. 1, from 4,278' to 4,296.5' 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)

Sheet 1 (Necessary)			
From	To	Thickness in Feet	Lithology
0.0	1.0	1.0	...
1.0	2.0	1.0	...
2.0	3.0	1.0	...
3.0	4.0	1.0	...
4.0	5.0	1.0	...
5.0	6.0	1.0	...
6.0	7.0	1.0	...
7.0	8.0	1.0	...
8.0	9.0	1.0	...
9.0	10.0	1.0	...
10.0	11.0	1.0	...
11.0	12.0	1.0	...
12.0	13.0	1.0	...
13.0	14.0	1.0	...
14.0	15.0	1.0	...
15.0	16.0	1.0	...
16.0	17.0	1.0	...
17.0	18.0	1.0	...
18.0	19.0	1.0	...
19.0	20.0	1.0	...
20.0	21.0	1.0	...
21.0	22.0	1.0	...
22.0	23.0	1.0	...
23.0	24.0	1.0	...
24.0	25.0	1.0	...
25.0	26.0	1.0	...
26.0	27.0	1.0	...
27.0	28.0	1.0	...
28.0	29.0	1.0	...
29.0	30.0	1.0	...
30.0	31.0	1.0	...
31.0	32.0	1.0	...
32.0	33.0	1.0	...
33.0	34.0	1.0	...
34.0	35.0	1.0	...
35.0	36.0	1.0	...
36.0	37.0	1.0	...
37.0	38.0	1.0	...
38.0	39.0	1.0	...
39.0	40.0	1.0	...
40.0	41.0	1.0	...
41.0	42.0	1.0	...
42.0	43.0	1.0	...
43.0	44.0	1.0	...
44.0	45.0	1.0	...
45.0	46.0	1.0	...
46.0	47.0	1.0	...
47.0	48.0	1.0	...
48.0	49.0	1.0	...
49.0	50.0	1.0	...
50.0	51.0	1.0	...
51.0	52.0	1.0	...
52.0	53.0	1.0	...
53.0	54.0	1.0	...
54.0	55.0	1.0	...
55.0	56.0	1.0	...
56.0	57.0	1.0	...
57.0	58.0	1.0	...
58.0	59.0	1.0	...
59.0	60.0	1.0	...
60.0	61.0	1.0	...
61.0	62.0	1.0	...
62.0	63.0	1.0	...
63.0	64.0	1.0	...
64.0	65.0	1.0	...
65.0	66.0	1.0	...
66.0	67.0	1.0	...
67.0	68.0	1.0	...
68.0	69.0	1.0	...
69.0	70.0	1.0	...
70.0	71.0	1.0	...
71.0	72.0	1.0	...
72.0	73.0	1.0	...
73.0	74.0	1.0	...
74.0	75.0	1.0	...
75.0	76.0	1.0	...
76.0	77.0	1.0	...
77.0	78.0	1.0	...
78.0	79.0	1.0	...
79.0	80.0	1.0	...
80.0	81.0	1.0	...
81.0	82.0	1.0	...
82.0	83.0	1.0	...
83.0	84.0	1.0	...
84.0	85.0	1.0	...
85.0	86.0	1.0	...
86.0	87.0	1.0	...
87.0	88.0	1.0	...
88.0	89.0	1.0	...
89.0	90.0	1.0	...
90.0	91.0	1.0	...
91.0	92.0	1.0	...
92.0	93.0	1.0	...
93.0	94.0	1.0	...
94.0	95.0	1.0	...
95.0	96.0	1.0	...
96.0	97.0	1.0	...
97.0	98.0	1.0	...
98.0	99.0	1.0	...
99.0	100.0	1.0	...