

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
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-104
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address CROSS TIMBERS OPERATING COMPANY P. O. Box 52070 Midland, Texas 79710-2070		OGRID Number 005380
		Reason for Filing Code NW
API Number 30 - 0 25-33336	Pool Name Maljamar Grayburg San Andres	Pool Code 43329
Property Code 003355	Property Name SEMGSAU	Well Number 613

II. Surface Location

UL or lot no. K	Section 29	Township 17S	Range 33E	Lot Idn	Feet from the 1930	North/South Line South	Feet from the 1516	East/West line West	County Lea
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Bottom Hole Location

UL or lot no. K	Section 29	Township 17S	Range 33E	Lot Idn	Feet from the 1930	North/South line South	Feet from the 1516	East/West line West	County Lea
Lac Code S	Producing Method Code P	Gas Connection Date 5-24-96	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
034019	Phillips Pipeline Company 4001 Penbrook Odessa, Texas 79764	0841910	O	L-29-17S-33E SEMGSAU BATTERY
009171	GPM Gas Corporation 4001 Penbrook Odessa, Texas 79764	0841930	G	L-29-17S-33E SEMGSAU BATTERY

IV. Produced Water

POD 0841950	POD ULSTR Location and Description L-29-17S-33E SEMGSAU BATTERY
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V. Well Completion Data

Spud Date 4-15-96	Ready Date 5-23-96	TD 4,325'	PBTD 4,317'	Perforations 4250'-4277'
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement	
12-1/4"	8-5/8", 24#, J-55	394'	250	
7-7/8"	5-1/2", 15.5#, J-55	4325'	850	
NA	2-3/8" tbq	4261'	NA	

VI. Well Test Data

Date New Oil 5-24-96	Gas Delivery Date 5-24-96	Test Date 6-3-96	Test Length 24	Tbg. Pressure NA	Csg. Pressure 30
Choke Size NA	Oil 61	Water 50	Gas 46	AOF NA	Test Method P

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: *Ray F. Martin*

Printed name: Ray F. Martin

Title: Operations Engineer

Date: 6-10-96 Phone: (915) 682-8873

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY ACTING SECTION

Title: DISTRICT SUPERVISOR

Approval Date: JUN 21 1996

If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature

Printed Name

Title

Date

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

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

Form C-105
Revised 1-1-89

WELL API NO. 30-025-33336
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-2516
7. Lease Name or Unit Agreement Name SEMMSAU
8. Well No. 613
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 SEMMSAU	
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐			
2. Name of Operator CROSS TIMBERS OPERATING COMPANY		8. Well No. 613	
3. Address of Operator P. O. Box 52070 Midland, Texas 79710-2070		9. Pool name or Wildcat Maljamar Grayburg San Andres	
4. Well Location Unit Letter <u>K</u> : <u>1930</u> Feet From The <u>South</u> Line and <u>1516</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 4-15-96	11. Date T.D. Reached 4-20-96	12. Date Compl. (Ready to Prod.) 5-23-96	13. Elevations (DF & RKB, RT, GR, etc.) 4063' GR 4076.5' RKB
14. Elev. Casinghead 4063			
15. Total Depth 4325'	16. Plug Back T.D. 4317'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools ☒ Cable Tools ☐
19. Producing Interval(s), of this completion - Top, Bottom, Name 4250'-4277' Grayburg (Premier Sd)			20. Was Directional Survey Made N
21. Type Electric and Other Logs Run GR/CNL/CCL			22. Was Well Cored N

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	394'	12-1/4"	250 SX	
5-1/2"	15.5	4324'	7-7/8"	850 SX	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8"	4261'
						PACKER SET
						NA

26. Perforation record (interval, size, and number) 1 jspf @ 4250', 52', 54', 56', 58', 60', 62', 64', 71', & 77' (ttl 10 - 9.52" dia).	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	4250'-4277'	1250 gals 15% NEFE HCL acid w/15BS & 17,000 gal XL gel carrying 74,000# 12/20 Brady Sd.

28. PRODUCTION							
Date First Production 5-24-96		Production Method (Flowing, gas lift, pumping - Size and type pump) Rod pumping - 1-1/2" pump				Well Status (Prod. or Shut-in) Prod.	
Date of Test 6-3-96	Hours Tested 24	Choke Size NA	Prod'n For Test Period	Oil - Bbl. 61	Gas - MCF 46	Water - Bbl. 50	Gas - Oil Ratio 754
Flow Tubing Press. NA	Casing Pressure 30	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	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 Computalog - GR/CNL/CCL log

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 <u>Ray F. Martin</u>	Printed Name Ray F. Martin	Title Operations Engineer	Date 6/10/96

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. Salt	_____
B. Salt	2,418'
T. Yates	2,613'
T. 7 Rivers	2,957'
T. Queen	3,567'
T. Grayburg	3,739'
T. San Andres	4,286'
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. 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 Otzte
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.....to.....	No. 3, from.....to.....
No. 2, from.....to.....	No. 4, from.....to.....

IMPORTANT INFORMATION

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.
No. 1 from

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