

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
Enter 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.
30-025-33865
5. Indicate Type of Lease
STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
B-2516

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Lease Name or Unit Agreement Name	
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐		SEMGSAU	
2. Name of Operator CROSS TIMBERS OPERATING COMPANY		8. Well No. 616	
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>N</u> : <u>775</u> Feet From The <u>South</u> Line and <u>2,590</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 3/18/97	11. Date T.D. Reached 3/23/97	12. Date Compl. (Ready to Prod.) 4/18/97	13. Elevations (DF & RKB, RT, GR, etc.) 4,049' GR 4,062.5 RKB
14. Elev. Casinghead 4,049'			
15. Total Depth 4,359'	16. Plug Back T.D. 4,302'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools <u>X</u> Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 4,254'-4,300'			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	394'	12-1/4"	250 sx; Circ'd 93 sx	
5-1/2"	15.5	4,358'	7-7/8"	950 sx; Circ'd 126 sx	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8"	4,178

26. Perforation record (interval, size, and number) 4,254', 4,255', 4,256', 4,263', 4,267', 4,283' 4,284', 4,290', 4,298', 4,299' & 4,300' (ttl 11-0.5" holes)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	4,254'-4,300'	1500 g 15% NEEF HCL acid w/16 BS; 18,000 g XL gel w/60,000# 12/20 Brady sd.

28. PRODUCTION							
Date First Production 4/18/97		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 1-1/2" rod pump				Well Status (Prod. or Shut-in) Prod.	
Date of Test 5/3/97	Hours Tested 24	Choke Size ---	Prod'n For Test Period	Oil - Bbl 18	Gas - MCF 16	Water - Bbl 13	Gas - Oil Ratio 889
Flow Tubing Press. ---	Casing Pressure 40	Calculated 24-Hour Rate	Oil - Bbl 18	Gas - MCF 16	Water - Bbl 13	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 Log
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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 5-16-97

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, or 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

Southeastern New Mexico

Northwestern New Mexico

Central New Mexico		Northwestern New Mexico	
T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2587'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 2946'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3580'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otznie _____
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. PREMIER-SD _____ 4252'	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Perm "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 4254' to 4300' No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____
 IMPORTANT WATER _____

IMPORTANT WATER SANDS

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 RECORDS

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

From	To	Thickness in Feet	Lithology