

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>	<b>Form C-105</b> Revised June 10, 2003  WELL API NO. 30-025-38393  5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> State Oil & Gas Lease No. VA-2134
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<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>					
1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <u>CONFIDENTIAL</u>  b. Type of Completion: NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. <input type="checkbox"/> WELL OVER BACK RESVR.				7. Lease Name or Unit Agreement Name  <div style="text-align: center;">Merle State Unit</div>	
2. Name of Operator Yates Petroleum Corporation				8. Well No. 13	
3. Address of Operator 105 South Fourth Street, Artesia, NM 88210 (505) 748-1471				9. Pool name or Wildcat Lane; Abo, Southeast	
4. Well Location Unit Letter <u>M</u> : <u>990</u> Feet From The <u>South</u> Line and <u>330</u> Feet From The <u>West</u> Line Section <u>11</u> Township <u>10S</u> Range <u>34E</u> NMPM <u>Lea</u> County					
10. Date Spudded 7-22-07 RH 7-26-07 RT		11. Date T.D. Reached 8-16-07		12. Date Compl. (Ready to Prod.) 9-7-07	
13. Elevation (BF & RKB, RT, GR, etc.) 4183' GR, 4203' KB		14. Elev. Casinghead			
15. Total Depth 9260'		16. Plug Back T.D. 9216'		17. If Multiple Compl How Many Zones? _____	
18. Intervals Drilled By _____		Rotary Tools 60-9260'		Cable Tools N/A	
19. Producing Interval(s), of this completion - Top, Bottom, Name 8993-9021' Abo					20. Was Directional Survey Made No
21. Type Electric and Other Logs Run BCS, Laterolog, CNL, CBL					22. Was Well Cored No
<b>23. CASING RECORD (Report all strings set in well)</b>					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	Conductor	60'		Redi-mix	
11-3/4"	42#	430'	14-3/4"	260 sx (circ)	
8-5/8"	24#, 32#	4165'	11"	1160 sx (circ)	
5-1/2"	15.5#, 17#	9260'	7-7/8"	500 sx (TOC @ 7000' calc)	
<b>24. LINER RECORD</b>			<b>25. TUBING RECORD</b>		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	PACKER SET
				2-7/8"	8949'
26 Perforation record (interval, size, and number)  8993-9021' w/56 .40" holes			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 8993-9021' 5000 gal 15% NEFE and 70 balls		
<b>28. PRODUCTION</b>					
Date First Production 9-19-07		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing		Well Status (Prod. or Shut-in) Producing	
Date of Test 9-27-07	Hours Tested 24	Choke Size 17/64"	Prod'n For Test Period 237	Oil - Bbl 403	Gas - MCF 0
Flow Tubing Press. 320#	Casing Pressure	Calculated 24-Hour Rate 237	Oil - Bbl 403	Gas - MCF 0	Water - Bbl. 0
29 Disposition of Gas (Sold, used for fuel, vented, etc.) Sold					Test Witnessed By Daniel Palacios
30. List Attachments Logs, Deviation Report					
31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief  <div style="display: flex; justify-content: space-between;"> <div>           Signature:             E-mail Address: stormid@ypcnm.com         </div> <div>           Printed Name: Stormi Davis            Title: Regulatory Compliance Technician            Date: 9-27-07         </div> </div>					

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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		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 2783'	T. L. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 4044'	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 5489'	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T
T. Blinebry	T. Gr. Wash	T. Morrison	T
T. Tubb 6958'	T. Delaware Sand	T. Todilto	T
T. Drinkard	T. Bone Springs	T. Entrada	T
T. Abo 7774'	T. Rustler 2250'	T. Wingate	T
T. Wolfcamp 9040'	T. Morrow	T. Chinle	T
T. Upper Penn	T. Austin Cycle	T. Permian	T
T. Cisco (Bough C)	T. Chester Lm	T. Penn "A"	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

MARTIN YATES, III  
1912-1985

FRANK W. YATES  
1936-1986



105 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210-2118  
TELEPHONE (505) 748-1471

S.P. YATES  
CHAIRMAN EMERITUS

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SENIOR VICE PRESIDENT

September 21, 2007

*Due for 9/27/07  
Out 12/27/07*

New Mexico Oil Conservation Division  
1625 N. French Drive  
Hobbs, NM 88240

Re: Merle State Unit #13

To Whom It May Concern:

Enclosed are the required forms of completion for the Merle State Unit #13. Pursuant to NMOCD Rule 19.15.13.1105.C, Yates Petroleum Corporation respectfully requests that the logs and C105 be held confidential for the prescribed 90 days. Thank you for your assistance with this matter.

If you have any questions, please call.

Sincerely,

Stormi Davis  
Regulatory Compliance Technician

Attachments