

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
B-2516

1a. TYPE OF WELL	OIL WELL ☒	GAS WELL ☐	DRY ☐	OTHER ☐		
b. TYPE OF COMPLETION	NEW WELL ☒	WORK OVER ☐	DEEPEN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name
Petrus AEO State
9. Well No.
1
10. Field and Pool, or Wildcat
Field. Sanmal Queen

2. Name of Operator	Yates Petroleum Corporation
3. Address of Operator	105 South 4th St., Artesia, NM 88210
4. Location of Well	UNIT LETTER <u>B</u> LOCATED <u>990</u> FEET FROM THE <u>North</u> LINE AND <u>1650</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>11</u> TWP. <u>17S</u> RGE. <u>33E</u> NMPM

12. County	Lea
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15. Date Spudded	8-5-87	16. Date T.D. Reached	8-12-87	17. Date Compl. (Ready to Prod.)	8-31-87	18. Elevations (DF, RKB, RT, GR, etc.)	4158.2' GR	19. Elev. Casinghead	
20. Total Depth	3900'	21. Plug Back T.D.	3840'	22. If Multiple Compl., How Many		23. Intervals Drilled By	Rotary Tools ☒ Cable Tools ☐	25. Was Directional Survey Made	NO
24. Producing Interval(s), of this completion - Top, Bottom, Name									
3762-68'; 3776-78' Queen									
25. Type Electric and Other Logs Run									
CNL/FDC; DLL									
27. Was Well Cored									
NO									

28. 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#	1530'	12-1/4"	725 SX	
4-1/2"	9.5 & 11.6#	3900'	7-7/8"	250 SX	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	3620'	-

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
3762-68'; 3776-78' w/19 .38" Holes	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	3762-78'	w/1500g. 7 1/2% NEFE acid.
		SF w/60000g. gel KCL, 70000#
		20/40 sd, 10000# 12/20 sd.

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping -- Size and type pump)				Well Status (Prod. or Shut-in)	
8-22-87		Pumping				Producing	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
8-31-87	24	Open		10	20 (est)	5	2000/1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
25	25		10	20 (est)	5	36°	
34. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	
Vented						Dan Dolan	

35. List of Attachments	
Logs, Deviation Survey	
36. 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.	
SIGNED <u>[Signature]</u>	TITLE <u>Production Supervisor</u> DATE <u>9-4-87</u>

INSTRUCTIONS

This form is to be filled 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 radioactivity 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 depth shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filled in quadruplicate 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		
Rustler	1513	T. Canyon	T. Ojo Alamo	T. Penn. "B"	
T. Anhy		T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"	
T. Salt Salado	1628	T. Atoka	T. Pictured Cliffs	T. Penn. "D"	
T. Salt Tansill	2618	T. Miss	T. Cliff House	T. Leadville	
T. Yates	2812	T. Devonian	T. Menefee	T. Madison	
T. 7 Rivers	2912	T. Silurian	T. Point Lookout	T. Elbert	
T. Queen	3753	T. Montoya	T. Mancos	T. McCracken	
T. Grayburg		T. Simpson	T. Gallup	T. Ignacio Qtzite	
T. San Andres		T. McKee	Base Greenhorn	T. Granite	
T. Glorieta		T. Ellenburger	T. Dakota		
T. Paddeck		T. Gr. Wash.	T. Morrison		
T. Blinberry		T. Granite	T. Todilto		
T. Tubb		T. Delaware Sand	T. Entrada		
T. Drinkard		T. Bone Springs	T. Wingate		
T. Abo			T. Chinle		
T. Wolfcamp			T. Permian		
T. Penn.			T. Penn. "A"		
T. Cisco (Bough C)					

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....	No. 4, from.....to.....
No. 2, from.....to.....	No. 5, from.....to.....
No. 3, from.....to.....	No. 6, 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.....
No. 4, from.....to.....	feet.....

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	40	40	Surface				
40	455	415	Redbeds				
455	1215	760	Anhy, Redbeds				
1215	1617	402	Anhy				
1617	2250	633	Anhy, Salt				
2250	2620	370	Salt				
2620	2885	265	Salt, Anhy				
2885	3211	326	Anhy				
3211	3597	386	Anhy, Dolo				
3597	3727	130	Dolo				
3727	3791	64	Dolo, Sd				
3791	3900	109	Dolo				

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