

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

O. C. D.

WELL COMPLETION OR RECOMPLETION REPORT

Form C-105
Revised 10-1-78

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U.S.G.S.	2
LAND OFFICE	✓
OPERATOR	

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ARTESIA OFFICE LOG

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
K-6854

TYPE OF WELL *Spm*
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name
Stonewall WM State
9. Well No.
4
10. Field and Pool, or Wildcat
Und. Avalon Delaware

Name of Operator
Yates Petroleum Corporation ✓
Address of Operator
207 South 4th St., Artesia, NM 88210

Location of Well
T. LETTER M LOCATED 330 FEET FROM THE South LINE AND 990 FEET FROM
West LINE OF SEC. 30 TWP. 20S RGE. 28E NMPM

12. County
Eddy

Date Spudded 8-29-83	16. Date T.D. Reached 9-13-83	17. Date Compl. (Ready to Prod.) 11-22-83	18. Elevations (DF, RKB, RT, GR, etc.) 3285' GR	19. Elev. Casinghead
Total Depth 4860'	21. Plug Back T.D. 4811'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools 0-4860'	Cable Tools
Producing Interval(s), of this completion - Top, Bottom, Name 3668-71; 3620-24; 2718-27; 2582-84½; 2524-27½' Delaware				25. Was Directional Survey Made No

Type Electric and Other Logs Run
CNL/FDC, DLL
27. Was Well Cored
No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	MOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"		40'			
3-3/8"	54.5#	535'	17-1/2"	500	
-5/8"	28#	2462'	12-1/4"	1300	
-1/2"	15.5#	4866'	7-7/8"	750	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	3603'	-

Perforation Record (Interval, size and number)

3668-71' w/7 .42" Holes
3620-24' w/9 .42" Holes
2718-27' w/8 .42" Holes
2582-84½ w/6 .42" Holes
2524-27½ w/6 .42" Holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3620-71	w/4500g. 15% acid. SF w/36000g. Methanol, KCL wtr, 29000# 20/40 & 16000# 10/20 sd.
2524-2727	w/7000g. acid.SF w/40000g.Methanol

PRODUCTION 36000# 20/40 & 16000# 10/20 sand.

First Production 10-12-83		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Producing	
Date of Test 11-22-83	Hours Tested 24	Choke Size 1/4"	Prod'n. For Test Period →	Oil - Bbl. 105	Gas - MCF 110	Water - Bbl. 45 BLW	Gas - Oil Ratio 1048/1
Flow Tubing Press. 60#	Casing Pressure ---	Calculated 24-Hour Rate →	Oil - Bbl. 105	Gas - MCF 110	Water - Bbl. 45 BLW	Oil Gravity - API (Corr.) 41°	
Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						Test Witnessed By Ed Per	

List of Attachments

Deviation Survey

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 *Production Supervisor* TITLE Production Supervisor DATE 11-22-83

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 30 through 34 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" _____
D. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 450	T. 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 _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
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. Granite _____	T. Todilte _____	T. _____
T. Drinkard _____	T. Delaware Sand _____ 2477	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____ 4766	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

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 _____

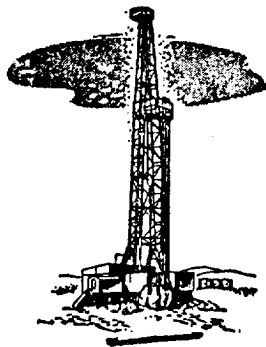
IMPORTANT WATER SANDS

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	600	560	Sand, dolomite, Anhydrite				
600	870	270	Dolomite, Sand				
870	1350	480	Dolomite, Limestone				
1350	1468	118	Dolomite, Sand				
1468	2504	1036	Dolomite				
2504	2606	102	Dolomite, Sand				
2606	3100	494	Sandstone				
3100	3210	110	Sand, Shale, Dolomite				
3210	3360	150	Sandstone				
3360	3430	70	Sandstone, Shale				
3430	3716	286	Sandstone				
3716	4242	526	Shale, Sandstone, Chert				
4242	4860	618	Limestone				



LaRue Drilling Co., Inc. — Oil Well Drilling Contractors

P. O. BOX 202 ARTESIA, NEW MEXICO 88210

September 21, 1983

Yates Petroleum Corporation
207 South Fourth Street
Artesia, NM 88210

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O. C. D.
ARTESIA, OFFICE

Re: Stonewall WM State #4 ✓
330' FSL & 990' FEL
Sec. 30, T20S, R28E
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above
captioned well.

DEPTH	DEVIATION
535'	1/4°
1005'	3/4°
1600'	2°
1788'	1 1/4°
2290'	1 1/4°
2861'	1 1/4°
3100'	1 1/2°
3543'	1 1/4°
4113'	2°
4502'	2°
4860'	2°

Very truly yours,

B. N. Muncy Jr.
Secretary

STATE OF NEW MEXICO
COUNTY OF EDDY

℥
℥

The foregoing was acknowledged before me this 21st
day of September, 1983.

