

State of New Mexico
Energy, Minerals and Natural ResourcesOil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.

30-015-30444

5. Indicate Type of Lease

STATE ☒ FEE ☐

State Oil & Gas Lease No.

VA-636

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. Type of Completion:

NEW WORK PLUG DIFF. WELL ☒ OVER ☐ DEEPEN ☐ BACK ☐ RESVR. ☐ OTHER ☐

2. Name of Operator

Yates Petroleum Corporation

3. Address of Operator

105 South 4th St., Artesia, NM 88210

7. Lease Name or Unit Agreement Name

Archimedes ARE State Com

8. Well No.

#2

Pool name or Wildcat

Wildcat Strawn

4. Well Location

Unit Letter **E** : **1980** Feet From The **North** Line and **990** Feet From The **West** Line
Section **18** Township **21S** Range **24E** NMPM **Eddy** County

10. Date Spudded

RH - 9/5/99

RT - 9/8/99

11. Date T.D. Reached

10/9/99

12. Date Compl. (Ready to Prod.)

1/11/00

13. Elevations (DF&KRB, RT, GR, etc.)

3818' GR

14. Elev. Casinghead

15. Total Depth

9840'

16. Plug Back T.D.

9798'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

40-9840'

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

8092-8670' Strawn

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

CNL/LDC, Laterolog, Sonic

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
20"		40'	26"	cement to surface	
9-5/8'	36#	1195'	14-3/4"	1100 sxs circ	
5-1/2"	17# & 15.5#	9840'	8-3/4"	820 sxs	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	8005'	8012'

26. Perforation record (interval, size, and number)

Strawn	8092-8104'	26 holes	.42"
	8236-8242'	28 holes	.42"
	8412-8421'	40 holes	.42"
	8664-8670'	28 holes	.42"

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
8092-8104'	1000 gals 15% IC HCL
8236-8242'	1000 gals 7.5% Morrow acid
8412-8421'	500 gals 7.5% Morrow acid
8664-8670'	500 gals 7.5% Morrow acid
8092-8670'	63,200 gals 70Q 40# CO2 foam + 40,000# 20/40 AC Frac sand

28. PRODUCTION

Date First Production		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>)			Well Status (<i>Prod. or Shut-in</i>)		
10/29/99		SI			SIWOPL		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
1/17/00	24	16/64"		0	144	0	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>)	
85#	Packer		0	144	0		

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Will be Sold

Test Witnessed By

Curtis Priddy

30. List Attachments

Logs, deviation survey

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 *Susan Herpin* Printed Name **Susan Herpin** Title **Engineering Tech.** Date **February 26, 2002**

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 depth 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

. Anhy	T. Canyon	7604'	T. Ojo Alamo	T. Penn. "B"
. Salt	T. Strawn	8024'	T. Kirtland-Fruitland	T. Penn. "C"
. Salt	T. Atoka	9029'	T. Pictured Cliffs	T. Penn. "D"
. Yates	T. Miss		T. Cliff House	T. Leadville
. 7 Rivers	T. Devonian		T. Menefee	T. Madison
. Queen	T. Silurian		T. Point Lookout	T. Elbert
. Grayburg	T. Montoya		T. Mancos	T. McCracken
. San Andres	T. Simpson		T. Gallup	T. Ignacio Otzte
. Glorieta	T. McKee		Base Greenhorn	T. Granite
. Paddock	T. Ellenburger		T. Dakota	T.
. Blinebry	T. Gr. Wash		T. Morrison	T.
. Tubb	T. Delaware Sand		T. Todilto	T.
. Drinkard	T. Bone Springs	2836'	T. Entrada	T.
. Abo	T. Yeso		T. Wingate	T.
. Wolfcamp	T. Ordovician		T. Chinle	T.
. Penn Clastics	T. Morrow	9425'	T. Permian	T.
			T. Penn "A"	T.

OIL OR GAS SANDS
OR ZONES

OR ZONES

No. 1, from.....to.....	No. 3, from.....to.....
No. 2, 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