

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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OPERATOR	✓

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. L-4283
7. Unit Agreement Name
8. Farm or Lease Name Cottonwood Ranch MK St.
9. Well No. 4
10. Field and Pool, or Wildcat Pecos Slope Abo
12. County Chaves

1. TYPE OF WELL B of M ☐ OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

2. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

Name of Operator
Yates Petroleum Corporation ✓

Address of Operator
207 South 4th St., Artesia, NM 88210

Location of Well

417 LETTER 0 LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM

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JUN 7 1982

O. C. D.
ARTESIA, OFFICE

14. East LINE OF SEC. 36 TWP. 6S RGE. 25E NMPM

5. Date Spudded 5-9-82 16. Date T.D. Reached 5-18-82 17. Date Compl. (Ready to Prod.) 6-5-82 18. Elevations (DF, RKB, RT, GR, etc.) 3693.3' GR 19. Elev. Casinghead

20. Total Depth 4250' 21. Plug Back T.D. 4105' 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools 0-4250' Cable Tools

4. Producing Interval(s), of this completion - Top, Bottom, Name
3682-3846' Abo

5. Type Electric and Other Logs Run
CNL/FDC; DLL

27. Was Well Cored
No

8. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"		60'	24"		
10-3/4"	40.5#	865'	14-3/4"	700	
4-1/2"	10.5#	4160'	7-7/8"	350	

9. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	3655'	3655'

1. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3682-3846' w/20 .50" holes		3682-3846'	w/2500 g. 7 1/2% MOD 101 acid & 15 balls. SF w/40000 g. gel KCL wtr, 70000# 20/40 sd.

3. PRODUCTION

Date First Production 6-5-82 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) SIWOPLC

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
6-5-82	3	1/2"	→	-	456	-	-

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
570	Packer	→	-	3650	-	-

4. Disposition of Gas (Sold, used for fuel, vented, etc.)
Vented - will be sold

Test Witnessed By Bill Hansen

5. 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 [Signature]TITLE Engineering SecretaryDATE 6-7-82

Postcard ID-2
6-11-82
Comp F B H

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 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

T. Anhy _____
T. Salt _____
B. Salt _____
T. Yates _____
T. 7 Rivers _____
T. Queen _____
T. Grayburg _____
T. San Andres 470
T. Glorieta 1561
T. Paddock _____
T. Blinebry _____
T. Tubb _____
T. Drinkard _____
T. Abo 3631
T. Wolfcamp _____
T. Penn. _____
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn _____
T. Atoka _____
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Granite _____
T. Delaware Sand _____
T. Bone Springs _____
T. _____
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todillo _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn. "A" _____

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Qtzite _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

OIL OR GAS SANDS OR ZONES

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

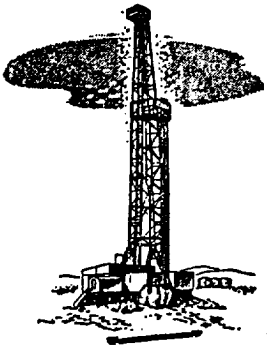
IMPORTANT WATER SANDS

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	820	820	Surface, Redbeds				
820	1885	1065	Anhydrite, Salt, Sand				
1885	3555	1670	Anhydrite, Shale, Sand				
3555	4250	695	Sand, Shale				



L & M DRILLING, INC. - Oil Well Drilling Contractors

P. O. BOX 672

ARTESIA, NEW MEXICO 88210

May 26, 1982

Yates Petroleum Corporation
207 South Fourth Street
Artesia, NM 88210

RECEIVED

JUN 7 1982

O. C. D.
ARTESIA, OFFICE

RE: Cottonwood Ranch MK State #4
660' FSL & 1980' FEL
Sec. 36, T6S, R25E
Chaves County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
500'	0°
1000'	1/4°
1507'	1/4°
2009'	1/4°
2509'	1/2°
3011'	1/2°
3513'	3/4°
4013'	3/4°
4250'	1°

Very truly yours,

C. E. LaRue
Vice President

STATE OF NEW MEXICO
COUNTY OF EDDY

§
§

The foregoing was acknowledged before me this 26th
day of May, 1982.

