

Submit to Appropriate
District Office
State Lease - 5 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO.
30-005-63148
5. Indicate Type of Lease
STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
L-4283

7. Lease Name or Unit Agreement Name
Cottonwood Ranch MK State
8. Well No.
5
9. Pool name or Wildcat
Pecos Slope Abo

WELL COMPLETION OR RECOMPLETION REPORT AND LOG
1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____
2. Name of Operator
YATES PETROLEUM CORPORATION (505) 748-1471
3. Address of Operator
105 South 4th St., Artesia, NM 88210
4. Well Location
Unit Letter H : 2160 Feet From The North Line and 330 Feet From The East Line
Section 36 Township 6S Range 25E NMPM Chaves County
10. Date Spudded 9-9-97
11. Date T.D. Reached 10-8-97
12. Date Compl. (Ready to Prod.) 11-30-97
13. Elevations (DF& RKB, RT, GR, etc.) 3714' GR
14. Elev. Casinghead
15. Total Depth 5200'
16. Plug Back T.D. 4700'
17. If Multiple Compl. How Many Zones?
18. Intervals Drilled By Rotary Tools 40-5200' Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 3720-3974' Abo
20. Was Directional Survey Made No
21. Type Electric and Other Logs Run CBL & Neutron
22. Was Well Cored No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"		40'	20"	Cement to surface	
11-3/4"	42#	901'	14-3/4"	800 sx - circulate	
4-1/2"	10.5#	5197'	7-7/8"	700 sx - circulate	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	3673'	

26. Perforation record (interval, size, and number)
4741-5058' w/33 .38" holes
3720-3974' w/25 .42" holes
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
SEE ATTACHED SHEET

28. PRODUCTION
Date First Production 10-26-97
Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing
Well Status (Prod. or Shut-in) Producing
Date of Test 12-6-97
Hours Tested 24
Choke Size 29/64"
Prod'n For Test Period
Oil - Bbl. Gas - MCF 775
Water - Bbl. Gas - Oil Ratio
Flow Tubing Press. 150#
Casing Pressure 240#
Calculated 24-Hour Rate
Oil - Bbl. Gas - MCF 775
Water - Bbl. Oil Gravity - API - (Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold
Test Witnessed By
Don McCampbell

30. List Attachments
Deviation survey & logs

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 Rusty Klein
Printed Name Rusty Klein
Title Operations Tech. Date 12-30-97

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 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

T. Anhy _____
 T. Salt _____
 B. Salt _____
 T. Yates _____
 T. 7 Rivers _____
 T. Queen _____
 T. Grayburg _____
 T. San Andres _____
 T. Glorieta _____
 T. Paddock _____
 T. Blinebry _____
 T. Tubb _____
 T. Drinkard _____
 T. Abo _____ 3684'
 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. Delaware Sand _____
 T. Bone Springs _____
 T. Hueco _____ 4362'
 T. Granite Wash _____ 5140'
 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. Todilto _____
 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 Otzie _____
 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 _____

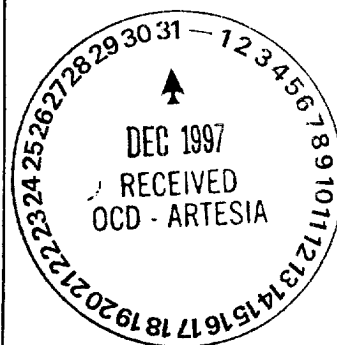
IMPORTANT WATER SANDS

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
0	901	901	Surface & redbed				
901	1109	208	Anhydrite				
1109	1570	461	Anhydrite & shale				
1570	3606	2036	Anhydrite & salt				
3606	4306	700	Anhydrite & shale				
4306	5200	894	Shale & dolomite				



YATES PETROLEUM CORPORATION
Cottonwood Ranch MK State #5
Section 36-T6S-R25E
Chaves County, New Mexico

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

<u>DEPTH INTERVAL</u>	<u>TREATMENT</u>
5043-5058'	Acidized with 1500 gallons 15% iron control HCL acid and ball sealers. Re-acidized with 10000 gallons 15% iron control HCL acid
4741-4764'	Acidized with 2500 gallons 15% iron control HCL acid and ball sealers
3968-3974'	Acidized with 600 gallons 7-1/2% NEFE acid and ball sealers
3860-3878'	Acidized with 1200 gallons 7-1/2% NEFE acid and ball sealers
3720-3756'	Acidized with 1200 gallons 7-1/2% NEFE acid and ball sealers
3720-3974'	Frac'd (via 4-1/2" casing) with 60000 gallons 20# linear gel and 120000# 20-40 Brady sand