

Submit to Appropriate
District Office
State Lease - 6 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.	30-015-30582
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	K-4529

7. Lease Name or Unit Agreement Name	South Avalon ASZ State Com
8. Well No.	1
9. Pool name or Wildcat	Burton Flat Morrow

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 C : 660 Feet From The North Line and 1650 Feet From The West Line Section 14 Township 21S Range 26E NMPM Eddy County				
10. Date Spudded RH 8-3-99 RT 8-3-99	11. Date T.D. Reached 7-2-99	12. Date Compl. (Ready to Prod.) 9-7-99	13. Elevations (DF& RKB, RT, GR, etc.) 3160' GR	14. Elev. Casinghead
15. Total Depth 11200'	16. Plug Back T.D. 10949'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 40-11200'	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 10908-10914' Morrow				20. Was Directional Survey Made No
21. Type Electric and Other Logs Run CNL/LDC & Laterolog				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
20"		40'	26"	Cement to surface	
13-3/8"	48#	598'	17-1/2"	1266 sx - circ	
8-5/8"	24#	2178'	12-1/4"	1500 sx - circ	
5-1/2"	17# & 15.5#	11200'	7-7/8"	1800 sx	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2-7/8"	10818'	10828'

26. Perforation record (interval, size, and number) 11041-11047' w/28 .41" holes 10908-10914' w/25 .42" holes		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED SEE ATTACHED SHEET	
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28. PRODUCTION		Well Status (Prod. or Shut-in)					
Date First Production 7-22-99	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	Producing					
Date of Test 9-21-99	Hours Tested 24	Choke Size 20/64"	Prod'n For Test Period	Oil - Bbl. 2	Gas - MCF 617	Water - Bbl. 6	Gas - Oil Ratio
Flow Tubing Press. 640#	Casing Pressure Packer	Calculated 24-Hour Rate	Oil - Bbl. 2	Gas - MCF 617	Water - Bbl. 6	Oil Gravity - API - (Corr.) N/A	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						Test Witnessed By Blaine Wallace	

30. List Attachments Drill Stem Test, 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 9-30-99

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. Canyon _____
T. Salt _____	T. Strawn _____ 9771'
B. Salt _____	T. Atoka _____ 9994'
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinebry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____ 4452'
T. Abo _____	T. Delaware _____ 2088'
T. Wolfcamp _____ 8642'	T. 3rd Sand _____ 8012'
T. Penn _____	T. Morrow Clastics _____ 10726'
T. Cisco (Bough C) _____	T. Lower Morrow _____ 10951'

Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

OIL OR GAS SANDS 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	From	To	Thickness in Feet	Lithology
0	472	472	Surface rock				
472	2178	1706	Anhydrite				
2178	2281	103	Dolomite				
2281	2617	336	Sand				
2617	5215	2598	Dolomite				
5215	6437	1222	Lime & shale				
6437	9795	3358	Lime				
9795	10880	1085	Lime & shale				
10880	11200	320	Lime, shale & sand				