

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.
30-025-33969
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. VA-0621
7. Lease Name or Unit Agreement Name Mescalero ARL State
8. Well No. 1
9. Pool name or Wildcat Mescalero Cisco Northeast

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 <u>P</u> : <u>330</u> Feet From The <u>South</u> Line and <u>330</u> Feet From The <u>East</u> Line Section <u>2</u> Township <u>10S</u> Range <u>32E</u> NMPM Lea _____ County _____					
10. Date Spudded RH 5-30-97 RT 10-6-97	11. Date T.D. Reached 11-9-97	12. Date Compl. (Ready to Prod.) 11-26-97	13. Elevations (DF& RKB, RT, GR, etc.) 4230' GR	14. Elev. Casinghead	
15. Total Depth 9535'	16. Plug Back T.D. 9482'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By 40-9538'	18. Intervals Drilled By 40-9538'	
19. Producing Interval(s), of this completion - Top, Bottom, Name 8668-8728' Bough				20. Was Directional Survey Made No	
21. Type Electric and Other Logs Run CNL/LDC & Laterolog				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
16"		40'	20"	Cement to surface	
11-3/4"	42#	405'	14-3/4"	300 sx - circulate	
8-5/8"	32#	2995'	11"	1200 sx - circulate	
5-1/2"	20# & 17#	9535'	7-7/8"	300 sx	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	8708'	
26. Perforation record (interval, size, and number) 8718-8728' w/11 .42" holes 8668-8684' w/17 .42" holes					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED SEE ATTACHED SHEET		

PRODUCTION

28. Date First Production 11-26-97		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Producing	
Date of Test 12-5-97	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 23	Gas - MCF 40	Water - Bbl. 129	Gas - Oil Ratio 1739:1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 23	Gas - MCF 40	Water - Bbl. 129	Oil Gravity - API - (Corr.) N/A	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Will be sold when hookup available						Test Witnessed By David Stevens	
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 <u>Rusty Klein</u>			Printed Name <u>Rusty Klein</u>		Title <u>Operations Tech.</u> Date <u>12-29-97</u>		

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 2140'
T. 7 Rivers _____
T. Queen 2946'
T. Grayburg _____
T. San Andres 3378'
T. Glorieta 4770'
T. Paddock _____
T. Blinbry _____
T. Tubb _____
T. Drinkard _____
T. Abo 7063'
T. Wolfcamp 8190'
T. Penn _____
T. Cisco (Bough C) 9452'

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. Rustler 1559'
T. Bough C 8706'
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 Otzte _____
T. Granite _____
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	405	405	Surface				
405	2373	1968	Redbed				
2373	2995	622	Anhydrite, salt & redbed				
2995	3390	395	Sand & shale				
3390	3610	220	Sand, shale & anhydrite				
3610	4172	562	Dolomite, sand & anhydrite				
4172	4555	383	Dolomite & sand				
4555	4668	113	Dolomite				
4668	5508	840	Dolo, sand, shale & anhy				
5508	6254	746	Anhydrite, lime & shale				
6254	6975	721	Sand, dolomite & shale				
6975	7170	195	Dolomite, anhy & shale				
7170	7634	464	Shale				
7634	8262	628	Shale & dolomite				
8262	9535	1273	Lime				

