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NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No. LG 5343	

1a. TYPE OF WELL	
OIL WELL ☐	GAS WELL ☐
DRY ☒	OTHER ☐
b. TYPE OF COMPLETION	
NEW WELL ☐	WORK OVER ☐
DEEPEN ☐	PLUG BACK ☐
DIFF. RESVR. ☐	OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name Mescalero LB State
9. Well No. 1
10. Field and Pool, or Wildcat Und. Wildcat

2. Name of Operator Yates Petroleum Corporation
3. Address of Operator 207 South 4th Street - Artesia, NM 88210

4. Location of Well
UNIT LETTER <u>J</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM

THE <u>East</u> LINE OF SEC. <u>30</u> TWP. <u>10S</u> RGE. <u>33E</u> NMPM

15. Date Spudded 6-1-79	16. Date T.D. Reached 7-3-79	17. Date Compl. (Ready to Prod.) Dry	18. Elevations (DF, RKB, RT, GR, etc.) 4220' GR
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20. Total Depth 10400	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools 0-10400
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24. Producing Interval(s), of this completion - Top, Bottom, Name Dry	25. Was Directional Survey Made No
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26. Type Electric and Other Logs Run CNL/FDC, DLL	27. Was Well Cased No
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28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	361'	17 1/2"	300 sacks	None
8-5/8"	24#	3734'	12 1/4"	1180 sacks	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
	DEPTH INTERVAL
	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in) Dry	
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
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35. List of Attachments AST's

36. 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 <u>Christie Tomlinson</u>	TITLE <u>Geol. Secty.</u>	DATE <u>7-12-79</u>

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by a copy of all electrical and radioactivity logs run in the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured by this. 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 quintuplicate except on state land, where six copies are required. See Rule 1135.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>1703</u>	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn <u>10174</u>	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates <u>2463</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <u>3728</u>	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Morrison	T.
T. Tubb <u>6540</u>	T. Granite	T. Todilto	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo <u>7372</u>	T. Bone Springs	T. Wingate	T.
T. Wolfcamp <u>8600</u>	T.	T. Chinle	T.
T. Penn. <u>9133</u>	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....	No. 4, from.....to.....
No. 2, from.....to.....	No. 5, from.....to.....
No. 3, 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	1389	1389	Red bed	8721	10400	1679	Lime and shale
1389	1889	500	Red bed, anhy & salt				
1889	2446	557	Anhy & salt				
2446	3289	843	Anhy, salt & gyp				
3289	3637	348	Anhydrite				
3637	4142	505	Lime				
4142	4315	173	Lime & dolo				
4315	5227	912	Lime				
5227	5460	233	Lime, dolo & sand				
5460	7301	1841	Lime				
7301	7373	72	Lime & shale				
7373	8216	843	Shale				
8216	8308	92	Dolo & shale				
8308	8334	26	Dolo, shale & sand				
8334	8602	268	Dolo & shale				
8602	8721	119	Lime & dolo				

DRILL STEM TESTS

Yates Petroleum Corporation
Mescalero LB State No. 1 - LG 5343
1980' FSL & 1980' FEL
Section 30-10S-33E
Eddy County, New Mexico

DST #1 8520-8650' - TO 30", SI 90", TO 60", SI 120". TO w/very weak blow - decreased to no blow. Reopened w/bubble 3 times - no blow. Recovered: 60' DF. Sampler: 2 psi, 2280 cc DF, no gas. Pressures: HP 4454-4526; IFP 46-46; ISIP 252; FFP 46-46; FSIP 186.

DST No. 2 - 9541-9509'. TO 30", SI 90", OP 60", SI 180". Op w/weak blow no gts. Reopened w/good blow. Recovered 539' of DM and trace of oil and gas. Sampler: 900#, 2000 cc fluid, 130 cc mud, 700 cc water no gas. Pressures: HP 4939-4939', IFP 172-216; ISIP 2720, FFP 216-259, FSIP 3024.

DST No. 3 - 10230-10400' - TO 30", SI 90", OP 60", SI 180". TO w/fair blow, increased to good blow. Reopened w/good blow, no gts. Recovered: 575' of water cut mud. Sampler: 200 psi, 2200 cc water cut mud, no gas. Pressures: HP 5232-5232, IFP 87-174, ISIP 1825, FFP 174-218, FSIP 1780#.

DST #4 -4375-4450' (Straddle Test) Misrun. Retested w/Lynes Packers - (the same interval) DST #5 - 4375-4450'. TO 30", SI 90", OP 60", SI 180" TO w/weak blow. Reopened w/weak. No gts. Recovered 450' of DM. Sampler: 0#, 2000 cc DM. Pressures: HP 2295-2318, IFP 89-155, ISIP 1622, FFP 167-308, FSIP 1550.