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Form C-105
Revised 10-68

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NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG
MAR 16 1977

O.C.C.
ARTESIA, OFFICE

5a. Indicate Type of Lease	State ☒ Fee ☐
5. State Oil & Gas Lease No.	K-6853

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. Form or Lease Name	MTJ-State GW Com
9. Well No.	1
10. Field and Section or Wildcat	Burton Flat Morrow

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

4. Location of Well	UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE West
15. Date Spudded	11-12-76
16. Date T.D. Reached	12-22-76
17. Date Compl. (Ready to Prod.)	2-2-77
18. Elevations (DF, RKB, RT, GR, etc.)	3249.4' CL

11. Survey	1000
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20. Total Depth	11400'
21. Plug Back T.D.	11278'
22. If Multiple Compl., How Many	
23. Intervals Drilled by	Hotry Tools
24. Producing Interval(s), of this completion - Top, bottom, Name	11134-148' Morrow

19. Flow, Test Length	
25. Was Directional Survey Made	NO

26. Type Electric and Other Logs Run	CNL/FDC D11/Rxo
27. Was Well Cored	NO

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"	61#	500'	17 1/2"	200 sacks	
8-5/8"	24#	2400'	12 1/4"	1300 sacks	
4 1/2"	13.5&11.6#	10330'	7-7/8"	300 sacks	

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
2-7/8"	0	11338	500			

31. Perforation Record (Interval, size and number)	11134-11148' w/56 .34" holes
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	DEPTH INTERVAL 11134-11148' AMOUNT AND KIND MATERIAL USED 1000 gallons 72% MS acid and nitrogen

33. PRODUCTION							
Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod. or Shut-in)			
2-2-77	Flowing			SHUT-IN 3-18			
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2-2-7	24	1/2"		2.0	550	-	275000/1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - BBL.	Gas - MCF	Water - BBL.	Oil Gravity - API (Corr.)	
80#	-		2.0	550	-	56.0	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Vented
Test Witnessed By	Harvey Apple

35. List of Attachments	DST's
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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	TITLE	DATE
Christine Tomlinson	Geol. Secty	3-15-77

This form is to be filed with the appropriate District Office of the Commission 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 radioactivity logs 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 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. Blinbry _____
T. Tubb _____
T. Drinkard _____
T. Abo _____
T. Wolfcamp 8550
T. Penn. _____
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn 10025
T. Atoka 10279
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Granite _____
T. Delaware Sand 2580
T. Bone Springs 4710
T. Morrow 10850
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 Qtzite _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 11134 to 11148
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	500	500	Surface rock				
500	1600	1100	Lime				
1600	1800	200	Lime and sand				
1800	2662	862	Lime				
2662	2987	325	Dol & lime				
2987	3905	918	Sand and lime				
3905	4662	757	Lime				
4662	5189	527	Lime and sand				
5189	8577	3388	Lime				
8577	11400	2823	Shale and lime				

DRILL STEM TESTS

Yates Petroleum Corporation

MWJ-State CW Com #1 - Lease # K-6853

1980' FSL & 1980' FWL of Section 36-20S-27E

Eddy County, New Mexico

DST #1 2562-2662' - TO 30", SI 60", TO 30", SI 60". Op w/very weak blow dead in 10", Reop w/very weak blow dead in 20". Recovered 10' water. Sampler: 0#, GCM, 2100 cc wtr and no oil. Pressures: HP 1152-1152; IFP 53-53; ISIP 891; FFP 53-53; ISIP 987.

DET #2 - 4556-4662' (Delaware) - TO 30", SI 90", OP 180", SI 360". OP w/weak blow, increased to good blow. Reop w/good blow, increasing, GTS in 6", increased to 14# on 1/4" choke. Recovered - 470' oil. Sampler: 300#, 150 cc liquid, .90 c/g. BHT 98 deg. Pressures: HP 2251-2251; IFP 119-171; ISIP 2041; FFP 184-369; FSIP 2067.

DST #3 - 9617-1713' (Wolfcamp. TO 30", SI 75", TO 90", SI 180". OP w/fair blow increasing to 13# on 1/4" choke after 30". GTS in 33 Minutes. Reop w/gas decreasing to 6½# on 1/4" choke. Stabilized flow 24 MCFPD. Recovered: 358' of GCM, no oil. Sampler: 25 psi, 0.08 c/g, 700 cc drilling mud, no oil or water. Pressures: HP 4829-4829; IFP 139-185; ISIP 3530+; FFP 139-185; FSIP 3758+; BHT 168 deg.

WELL NAME AND NUMBER MWJ State GW Comm. #1

LOCATION 1980/S & W Section 36, T20S, R27W, Eddy County, New Mexico
(New Mexico give U.S.T&R: Texas give S, BLK U.S. T&R **RECEIVED**)

OPERATOR Yates Petroleum Corp. **MAR 16 1977**

DRILLING CONTRACTOR MORANCO **O. C. C.**
ARTESIA, OFFICE

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>
<u>3/4 260</u>	<u>1/4 4662</u>	<u>3 1/2 9713</u>	<u> </u>
<u>3/4 500</u>	<u>3/4 5106</u>	<u>2 3/4 10,217</u>	<u> </u>
<u>1 1/4 931</u>	<u>1/2 5471</u>	<u>4 3/4 10,690</u>	<u> </u>
<u>1 3/4 1403</u>	<u>3/4 5779</u>	<u>3 1/2 11,204</u>	<u> </u>
<u>3/4 1658</u>	<u>3/4 6250</u>	<u>4 1/2 11,400</u>	<u> </u>
<u>1 2054</u>	<u>1 6766</u>	<u> </u>	<u> </u>
<u>1/2 2400</u>	<u>3/4 7276</u>	<u> </u>	<u> </u>
<u>3/4 2662</u>	<u>1 1/2 7408</u>	<u> </u>	<u> </u>
<u>1/2 3150</u>	<u>1 1/4 7910</u>	<u> </u>	<u> </u>
<u>3/4 3650</u>	<u>1 1/4 8445</u>	<u> </u>	<u> </u>
<u>3/4 4033</u>	<u>1 1/4 8971</u>	<u> </u>	<u> </u>
<u>3/4 4535</u>	<u>2 9445</u>	<u> </u>	<u> </u>

Drilling Contractor MORANCO

By Jerry Gilbert
Jerry Gilbert, Drilling Engineer

Subscribed and sworn to before me this 12 day of January 19 77

My Commission expires:

April 1, 1978

Rayne Sumner
Notary Public
Lea County, New Mexico