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U.S.G.S.

LAND OFFICE

OPERATOR

Form C-105
Revised 11-1-76NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease

State ☒Fee ☐

5. State Oil & Gas Lease No.

L-45

7. Unit Agreement Name

8. Farm or Lease Name

LDM-AMOCO GX State

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat

12. County

Lea

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

3. Address of Operator

207 South 4th Street - Artesia, NM 88210

4. Location of Well

UNIT LETTER N LOCATED 660 FEET FROM THE South LINE AND 1926 FEET FROMTHE West LINE OF SEC. 19 TWP. 14S RGE. 33E NMPM

15. Date Spudded

1-6-77

16. Date T.D. Reached

4-9-77

17. Date Compl. (Ready to Prod.)

Dry

18. Elevations (DF, RKB, RT, GR, etc.)

4262' GR

19. Elev. Casinghead

20. Total Depth

13031

21. Plug Back T.D.

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

Cable Tools

0-13031

24. Producing Interval(s), of this completion - Top, Bottom, Name

Dry

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

CNL/FDC-DLL/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"	48#	380'	17 1/2"	375 sacks	
8-5/8"	32#	4100'	11"	1550 sacks	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

30. TUBING RECORD

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)

Date of Test

Hours Tested

Choke Size

Prod'n. For 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 (Solid, used for fuel, vented, etc.)

Test Witnessed By

35. List of Attachments

DST'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

Christine J. Ambrose

TITLE

Geol. Secty

DATE

4-18-77

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APR 16 1977

OIL CONSERVATION COMM.
ROSES, H. M.

INSTRUCTIONS

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 an copy of all electrical and radio-activity logs run on 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			Northwestern New Mexico		
Rustler	1658				
T. Anhy		T. Canyon	10377	T. Ojo Alamo	T. Penn. "B"
T. Salt		T. Strawn	11243	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt		T. Atoka	11964	T. Pictured Cliffs	T. Penn. "D"
T. Yates	2632	T. Miss		T. Cliff House	T. Leadville
T. 7 Rivers		T. Devonian		T. Menefee	T. Madison
T. Queen	3403	T. Silurian		T. Point Lookout	T. Elbert
T. Grayburg		T. Montoya		T. Mancos	T. McCracken
T. San Andres	4085	T. Simpson		T. Gallup	T. Ignacio Qtzite
T. Glorieta	5618	T. McKee		Base Greenhorn	T. Granite
T. Paddock		T. Ellenburger		T. Dakota	
T. Blinberry		T. Gr. Wash		T. Morrison	
T. Tubb		T. Granite		T. Todilto	
T. Drinkard		T. Delaware Sand		T. Entrada	
T. Abo	7764	T. Bone Springs		T. Wingate	
T. Wolfcamp	9135	T. Morrow	12477	T. Chinle	
T. Penn.		T. Upr Miss. Ls	12912	T. Permian	
T. Cisco (Bough C)	10098	T.		T. Penn. "A"	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
 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	190	1677	Red bed	12255	12360	105	Lime & shale
1677	2680	1003	Anhy & salt	12360	12717	357	Lime, shale & sand
2680	3521	841	Anhy	12717	13031	314	Lime & shale
3521	3682	161	Anhy & sand				
3682	4054	372	Anhy				
4054	7644	3590	Lime				
7644	9710	2066	Lime and shale				
9710	10386	676	Lime, shale & chert				
10386	10500	114	Lime & shale				
10500	10538	38	Lime, shale & chert				
10538	11606	1068	Shale & lime				
11606	11836	230	Lime, shale & sand				
11836	11877	41	Lime, shale & chert				
11877	12207	330	Shale & lime				
12207	12255	48	Shale, sand & lime				

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OIL COMPANY
ROBES, ILL. 61

DRILL STEM TESTS

Yates Petroleum Corporation
LDM-AMOCO GX State No. 1 (L-45 Lease #)
Section 19-T14S-R33E
Lea County, New Mexico

DST No. 1 - 10052-10168' TO 30", SI 60", OP 60", SI 120". TO w/blow, Reop w/blow and died. Recovered: - 700' DM 3100' SW - no gas. Sampler: 1800 cc salt water. Pressures: HP 4828-4786'; IFP 518-1549; ISIP 1679; FFP 1549-1634; FSIP 1677. BHT 146 deg.

DST #2 - 10190-10321' - TO 30", SI 90", OP 120", SI 240". Op w/fair blow, GTS in 18" increased to 50# on 1/4" choke. Reop w/weak blow, 2# on 1/4" choke, decreased to 1/2#. Recovered: 4 BOCM, 12 BO&GCM, 5 BGC sulphur water. Sampler: 1400 cc O & G cut water. Pressures: HP 4845-4803; IFP 345-432; ISIP 3655; FFP 432-1079; FSIP 3312.

DST #3 - 10332-10386' - TO 30", SI 90", TO 30", SI 60". Op w/good blow, 2# on 1/4" choke decreasing. Reop w/weak blow, dead in 15". Recovered: 300' of black mud and water, 8250' of salty sulphur water, no oil or gas. Sampler: 160#, 1900 cc sulphur water, no oil or gas. Pressures: HP 4972-4930' IFP 1036-3655; ISIP 3826; FFP 3655-3826; FSIP 3826.

DST #4 - 12656-830' - TO 30", SI 90", OP 120", SI 180". Op w/weak blow. Reop w/weak blow. No GTS. Recoveree: 1500' WC, 289' GCM. Sampler: No fluid. 540 psi 1.4 cfg. Pressures: HP 6205-6205; IFP no reading. ISIP 909; FFP 909-974; FSIP 1509.

DST #5 - 10410-450 (Straddle) - TO 30", SI 60", TO 60", SI 90". TO w/strong blow. Reop w/strong blow, 5# on 1/8" choke after 45", decreased to weak blow. Recovered: 1000' WB, sli GC slphur wtr at 7646'. Sampler: 2800 cc sulphur water, 18000 ppm cl. Pressures: HP 5204-5204, IFP 1388-3393, ISIP 3850, FFP 3419-3850, FSIP 3850.

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OIL CON. RECH COMM.
HOBBS, N. M.

WELL NAME AND NUMBER LDM State GX No. 1

LOCATION Section 19, T14S, R33E, Lea County New Mexico
(New Mexico give U.S.T&R: Texas give S, BLK, SURV. and TWP)

OPERATOR Yates Petroleum Corporation

DRILLING CONTRACTOR MORANCO

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:

Degrees and Depth		Degrees and Depth		Degrees and Depth		Degrees and Depth	
1/4	150	3/4	5515	1 1/2	10,538		
1/4	877	1/2	6002				
3/4	1380	1/2	6551				
1	1884	3/4	7047				
3/4	2356	3/4	7524				
3/4	2608	1	7934				
1	3025	1 1/4	8405				
1	3344	1 1/4	8890				
3/4	3810	1	9345				
1	4100	1 1/2	9458				
1	4546	1 1/2	9954				
3/4	5030	1 1/2	10,321				

Drilling Contractor MORANCO

By Jerry Gilbert
Jerry Gilbert, Drilling Engineer

Subscribed and sworn to before me this 28th day of February 19 77

My Commission expires:

April 1, 1978

Rayne L. Lanning
Notary Public
Lea County, New Mexico

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APR 26 1977

OIL CLEAN - ACTION COMM.
ROBES, H. G.