Form C-105
Revised 10-1-78

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

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OPERATOR	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

State [X] Fee [ ]
State Oil & Gas Lease No.
LG 2464

TYPE OF WELL
OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER

TYPE OF COMPLETION
NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

Lease Name or Unit Agreement Name
Loveless LQ State

Name of Operator
Yates Petroleum Corporation

Well No.
3

Address of Operator
207 South 4th St., Artesia, NM 88210

Field and Pool, or Wildcat
~~Und.~~ Tomahawk SA

Location of Well
UNIT LETTER E LOCATED 1980 FEET FROM THE North LINE AND 660 FEET FROM THE
West LINE OF SEC. 36 TWP. 7S RGE. 31E NMPM

County
Chaves

Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
9-18-81	9-26-81	10-2-81	4383' GR	

Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
4200'	4184'		→	0-4200'	

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

3974-4143' San Andres

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
Gamma Ray-Neutron

27. 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
8-5/8"	23#	1698'	14-3/4"	650	
4-1/2"	9.5#	4195'	7-7/8"	300	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	TUBING RECORD SIZE	DEPTH SET	PACKER SET
					2-3/8"	4144'	

28. Perforation Record (Interval, size and number)

3974-4143' w/38 .41" holes

29. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3974-4143'	Acidized w/5500 gal. 20% NEFE acid & ball sealers.

PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
10-2-81	Pumping	Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
10-7-81	24	2"		91	28	9	308/1

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
25#	25#		91	28	9	29

30. Disposition of Gas (Sold, used for fuel, vented, etc.)
Vented

Test Witnessed By
Bill Hansen

31. List of Attachments
Deviation Survey

32. 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 Juanita Goodlett TITLE Engineering Secretary DATE 10-9-81

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division [illegible] after the completion of any newly-drilled or deepened well. It shall be accompanied by [illegible] the well and [illegible] special tests conducted, including drill stem tests. All depths reported shall be measured depths [illegible] shall also be reported. [illegible] state land, where six copies are required. [illegible]

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico — Northwestern New Mexico

Southeastern New Mexico			Northwestern New Mexico
T. Anhy (Rustler)	1624	T. Canyon	
T. Salt/Salado	1687	T. Strawn	
B. Salt		T. Atoka	
T. Yates	2090	T. Miss	
T. 7 Rivers		T. Devonian	
T. Queen	2590	T. Silurian	
T. Grayburg	2910	T. Montoya	
T. San Andres	3226	T. Simpson	
T. Glorieta		T. McKee	
T. Paddock		T. Ellenburger	
T. Blinebry		T. Gr. Wash	
T. Tubb		T. Granite	
T. Drinkard		T. Delaware Sand	
T. Abo		T. Bone Springs	
T. Wolfcamp		T.	
T. Penn		T.	
T. Cisco (Bough C)		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	1225	1225	Surface Gravel & Redbeds				
1225	1390	165	Anhydrite & Redbeds				
1390	1698	308	Redbeds				
1698	2601	903	Salt				
2601	2876	275	Salt & Anhydrite				
2875	4200	1324	Anhydrite				