

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG
RECEIVED

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	1
FILE	1 ✓
U.S.G.S.	2
LAND OFFICE	1
OPERATOR	1

1. TYPE OF WELL B4M1

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER MAR 15 1982

2. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER O.C.D.

Name of Operator Yates Petroleum Corporation ✓

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

Location of well

4. LETTER D LOCATED 660 FEET FROM THE North LINE AND 660 FEET FROM West

LINE OF SEC. 32 TWP. 8S RGE. 26E NADOM

5. Date Logged 2-17-82 16. Date T.D. Reached 3-4-82 17. Date Compl. (Ready to Prod.) 3-11-82 18. Elevations (DF, KKB, RT, GR, etc.) 3733.6' GR 19. Elev. Casinghead

20. Total Depth 4950' 21. Plug Back T.D. 4939' 22. If Multiple Compl., How Many

23. Intervals Drilled By 0-4950' Rotary Tools Cable Tools

4. Producing Interval(s), of this completion — Top, Bottom, Name 4347-4571' Abo

25. Was Directional Survey Made No

6. Type License and Other Logs Run CNL/FDC; DLL

27. Was Well Cored No

C. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"		40'	24"	3 yds Ready Mix	
8-5/8"	24#	1208'	12-1/4"	700	
4-1/2"	9.5#	4948'	7-7/8"	400	

D. LINER RECORD				E. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2-3/8"	4420'	

F. Perforation Record (Interval, size and number)		G. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4347-4571' w/12 .50" holes		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		4347-4571'	w/3000 g. 7 1/2% HCL Spearhead acid
			SF w/40000 g. 2% KCL gel wtr.
			10000 g. CO2, 80000# 20/40 sd.

3. PRODUCTION

Date First Production 3-11-82 Production Method (Flowing, gas lift, pumping — Size and type pump) Flowing Well Status (Prod. or Shut-in) SIWOPLC

Date of Test <u>3-11-82</u>	Hours Tested <u>4</u>	Choke Size <u>3/4"</u>	Prod'n. For Test Period	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
				-	225	-	-
Flow Tubing Press. <u>50</u>	Casing Pressure	Calculated 24-Hour Rate	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)	
			-	900	-	-	

4. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented — Will be sold

Test Witnessed By Larry Dade

5. List of Attachments Deviation Survey

6. 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

Engineering Secretary

DATE

3-12-82

Posted ID-2
+ Comp. Book
SI
3-19-82

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 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

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
D. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	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 _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	T. Base Greenhorn _____	T. Granite _____
T. Padlock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chiale _____	T. _____
T. Penn. _____	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	600	600	Surface, Gravel, Sand				
600	2100	1500	Anhydrite, Dolomite, Limestone				
2100	2190	90	Sand, Salt				
2190	4317	2127	Salt, Anhydrite, Dolomite				
4317	4950	633	Shale, Sand, Siltstone				



LaRue Drilling Co., Inc.

PHONE: 505-746-4405

P. O. BOX 202

ARTESIA, NEW MEXICO 88210

RECEIVED

March 8, 1982

MAR 22 1982

Yates Petroleum Corporation
207 South Fourth Street
Artesia, NM 88210

O. C. D.
ARTESIA, OFFICE

Re: Thunderhead TD State #1 /
660' FNL & 660' FWL
Sec. 32, T8S, R26E
Chaves County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION
528'	1/2°
939'	1/4°
1208'	1/4°
1777'	3/4°
2272'	1/2°
2432'	1/2°
3583'	3/4°
4052'	1/2°
4267'	1°
4834'	1°
4950'	1°

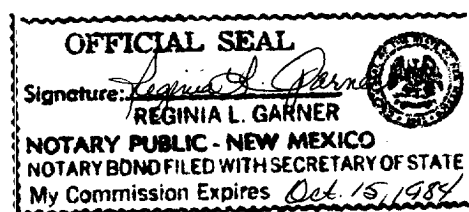
Very truly yours,

B. N. Muncy Jr.
Secretary

STATE OF NEW MEXICO
COUNTY OF EDDY

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The foregoing was acknowledged before me this 8th day of March, 1982.



RECEIVED
FEDERAL BUREAU OF INVESTIGATION
U.S. DEPARTMENT OF JUSTICE
WASHINGTON, D.C. 20535
MAY 19 1964