

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

SEP - 9 1991

Form C-105
Revised 1-1-89

WELL API NO.

30-015-26562

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Roy AET

3. Well No.

3

9. Pool name or Wildcat

North Dagger Draw U/Penn

WELL COMPLETION OR RECOMPLETION REPORT

1a. Type of Well: OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER ☐ SWD WELL ☒
APPROVED BY NMCD

b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐ Order SWD-437

2. Name of Operator
YATES PETROLEUM CORPORATION (505) 748-1471

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

4. Well Location
Unit Letter P: 810 Feet From The South Line and 660 Feet From The East Line

Section 7 Township 19S Range 25E NMPM Eddy County

10. Date Spudded 4-3-91 11. Date T.D. Reached 5-10-91 12. Date Compl. (Ready to Prod.) 8-30-91 13. Elevations (DF & RKB, RT, GR, etc.) 3556' GR 14. Elev. Casinghead

15. Total Depth 11180' 16. Plug Back T.D. 11100' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools 0-TD Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name
INJECTION INTERVAL - 9766-11110' Devonian & Ellenburger 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run
CNL/LDT; DLL/ BHC 22. 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
20"		40'	26"	Redi-Mix	Post FD-2
9-5/8"	36#	1213'	14-3/4"	1425 sx	9-20-91
7"	23 & 26#	11180'	8-3/4"	3015 sx	SWD

LINER RECORD				TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					3-1/2"	9632'	9632'

26. Perforation record (interval, size, and number)

9766-9970' w/26 - .50" Holes
10029-11110' w/92 - .68" Holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9766-9970'	1500g. 15% acid
9766-10187'	1000g. 20% acid
9766-11110'	25000g. 20% acid + 4000# rock salt, 2000# acid flakes

PRODUCTION

28.										PRODUCTION										Well Status (Prod. or Shut-in)																			
Date First Production 1ST INJECTION 8-30-91										Production Method (Flowing, gas lift, pumping - Size and type pump)										Injecting																			
										Salt Water Disposal																													
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.)									
																														Test Witnessed By									

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

Test Witnessed By
Norbert McCaw

30. List Attachments

Deviation Survey, DST's, Logs

31. 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

Signature Juanita Goodlett Printed Name Juanita Goodlett Title Production Supvr Date 9-5-91

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 25 through 29 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 _____ 490
T. Glorieta _____ 1873
T. Permian YESO _____ 1971
T. Blinberry _____
T. Tubb _____
T. Drinkard _____
T. Abo SH _____ 4107
T. Wolfcamp LM _____ 5358
T. Penn _____
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn _____
T. Atoka _____
T. Miss _____
T. Devonian _____ 9758
T. Silurian _____
T. Montoya _____ 10286
T. Simpson _____
T. McKee _____
T. Ellenburger _____ 10601
T. Gr. Wash _____
T. Delaware Sand _____
T. Bone Springs _____
T. Woodford _____ 9748
T. Bliss Sd _____ 11064
T. Precambrian _____ 11198
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. Enrada _____
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 Otzte _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, 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

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	40	40	Surface	9048	9340	292	Sh, LS
40	1300	1260	Dolo, Sd, Redbeds	9340	9456	116	Cht, LS, Sh
1300	1510	210	Dolo, Cht	9456	9760	304	LS, Sh
1510	2170	660	Dolo, Anhy, Sd	9760	10050	290	LS, Sh, Dolo
2170	2550	380	Dolo	10050	11056	1006	Dolo
2550	2590	40	Dolo, Cht, Sh	11056	11180	124	Dolo, Sd, Qtz
2590	2850	260	Dolo				
2850	2910	60	Dolo, Cht				
2910	4110	1200	Dolo				
4110	4350	240	Dolo, Sh				
4350	5350	1000	Dolo				
5350	5522	172	LS, Cht, Sh				
5522	6694	1172	LS, Sh				
6694	7526	832	LS, SS, Sh				
7526	8160	634	LS, Sh				
8160	8600	440	LS, SS, Sh				
8600	8846	246	LS, Sh				
8846	9048	202	LS, Sh, SS				

WELL NAME AND NUMBER R 4 Roy AET #3

LOCATION Section 7, T19S, R25E, Eddy County
(Give Unit, Section, Township and Range)

OPERATOR Yates Petroleum Corporation SEP - 9 1991

DRILLING CONTRACTOR McVay Drilling Company O. C. D.
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 @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>3/4 477</u>	<u>3/4 5,422</u>	<u>3/4 8,554</u>
<u>1 913</u>	<u>1 5,610</u>	<u>1 1/4 8,969</u>
<u>1/2 1,213</u>	<u>3/4 5,798</u>	<u>1 1/4 9,040</u>
<u>3/4 1,721</u>	<u>3/4 6,050</u>	<u>3/4 9,434</u>
<u>1/2 2,221</u>	<u>2 6,364</u>	<u>1 1/2 9,869</u>
<u>1/2 2,720</u>	<u>2 1/2 6,490</u>	<u>1 1/4 10,358</u>
<u>3/4 3,219</u>	<u>2-3/4 6,615</u>	<u>1 10,707</u>
<u>3/4 3,718</u>	<u>2 1/2 6,741</u>	<u>3/4 11,180</u>
<u>1 4,201</u>	<u>2 1/4 6,867</u>	
<u>1/4 4,402</u>	<u>2 1/2 6,993</u>	
<u>1/4 4,481</u>	<u>1 1/2 7,150</u>	
<u>1/4 4,654</u>	<u>2 7,362</u>	
<u>1 1/2 4,842</u>	<u>1-3/4 7,519</u>	
<u>1 5,032</u>	<u>3/4 7,707</u>	
<u>3/4 5,217</u>	<u>3/4 8, 130</u>	

Drilling Contractor McVay Drilling Company

By: Joe H. H. H.

Subscribed and sworn to before me this 15th day of May, 19 91

Phyllis J. Courtwright
Notary Public

My Commision Expires: 12/27/91

Lea County New Mexico

MARTIN YATES, III
1912 - 1985
FRANK W. YATES
1936 - 1986



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210
TELEPHONE (505) 748-1471

RECEIVED
SEP - 9 1991
O. C. D.
ARTESIA OFFICE

S. P. YATES
CHAIRMAN OF THE BOARD
JOHN A. YATES
PRESIDENT
PEYTON YATES
EXECUTIVE VICE PRESIDENT
RANDY G. PATTERSON
SECRETARY
DENNIS G. KINSEY
TREASURER

DRILL STEM TESTS

Roy AET #3
Unit P, Sec. 7-T19S-R25E
Eddy County, NM

DST #1 4340-4481' (141') ABO: TIMES: 30", 60", 60", 120". RECOVERY: 97'
(47 bbls) water, trace of oil. SAMPLER: .32 cfg, 140 cc oil and 1480 cc
water at 110 psi, Chl 2500, Rw 1.5 @ 50°, H2S 0 ppm. Pit Sample Chl 2400,
Rw 1.4 @ 50°. BHT: 100 deg F. PRESSURES: Depth 4475'. IHP 1970, IFP
97-108, ISIP 1201, 2nd FP 114-137, 2nd SI 1241, FHP 1964.

DST #2 7950-7740' CANYON LIME: TIMES: 5", 60", 90", 270", 60", RECOVERY:
90' (.441) bbls drilling fluid. Top Sample Chl 65000, Rw .07 @ 60°. Middle
Sample Chl 65000, Rw .07 @ 60°. Bottom sample Chl 71400, Rw .08 @ 60°.
SAMPLER: 0 cfg, 2600 cc drilling mud (Chl 61140, Rw .07 @ 60°) at 55 psi.
BHT: 164° F. PRESSURES: Depth 7445'. IHP 3908, IFP 55-55, ISIP 110, 2nd
FP 55-55-, 2nd SI 110, 3rd FP 55-55, FHP 3908.

DST #3 8915-9040' (125') MORROW: TIMES: 5", 60", 60", 180". RECOVERY:
200' formation water + 400' gas cut drilling mud. Top Sample Chl 70000, Rw
.15 @ 60°. Middle Sample Chl 74000, Rw .15 @ 60°. Bottom Sample Chl 75000,
Rw .15 @ 60°. SAMPLER: .84 cfg, oo cc fluid at 180 psi. Pit Sample Chl
76000, Rw .15 @ 60°. BHT: 160° F. PRESSURES: IHP 4382, IFP 183-186, ISIP
2725, FFP 158-208, FSIP 3582, FHP 4353.