

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Artesia, NM 88210

NM SUBMITTAL INSTRUCTIONS  
(Other Instructions on reverse side)

mission on re-

Budget Bureau No. 1004-0135  
Expires August 31, 1985

See 455

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

RECEIVED

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Yates Petroleum Corporation

JAN 20 '88

3. ADDRESS OF OPERATOR

105 South 4th Street, Artesia, NM 88210

O. C. I.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface

1980S + 1980W Sec. 17-6S-26E

14. PERMIT NO.

API #30-005-62214

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3672.1 GR

5. LEASE DESIGNATION AND SERIAL NO.

40A KGS NM 54990

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Caudill "RZ" Com

9. WELL NO.

#7

10. FIELD AND POOL, OR WILDCAT

Pecos Slope Abo

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

17-6S-26E

12. COUNTY OR PARISH

Chaves

13. STATE

NM

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Off Lease Measurement

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

This request seeks approval for off-lease measurement of natural gas from the subject well. Transwestern Pipeline Company agreed to transport gas from this well if Yates would build a gathering line to deliver the gas to existing Transwestern pipeline facilities. The gas sales meter will be read and maintained by Transwestern, but the meter is located nearby off-lease (see attached map). Yates will maintain the gathering flow lines in a safe condition and will pay royalty due on gas lost to leaks or failures based on the preceeding 30-day average rate. Yates will obtain all necessary rights-of-way before installing flow lines. All separation and liquid storage and sales facilities will be located on the originating lease. Yates believes that off-lease measurement is necessary for this well as the only practical way to bring this gas to market with attendant economic benefit to working interest owners, royalty owners and the public through production taxes.

18. I hereby certify that the foregoing is true and correct

SIGNED Dave Boureau

TITLE Engineering Manager

DATE January 7, 1988

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

SUBJECT TO LIKE  
APPROVAL BY STATE

\*See Instructions on Reverse Side

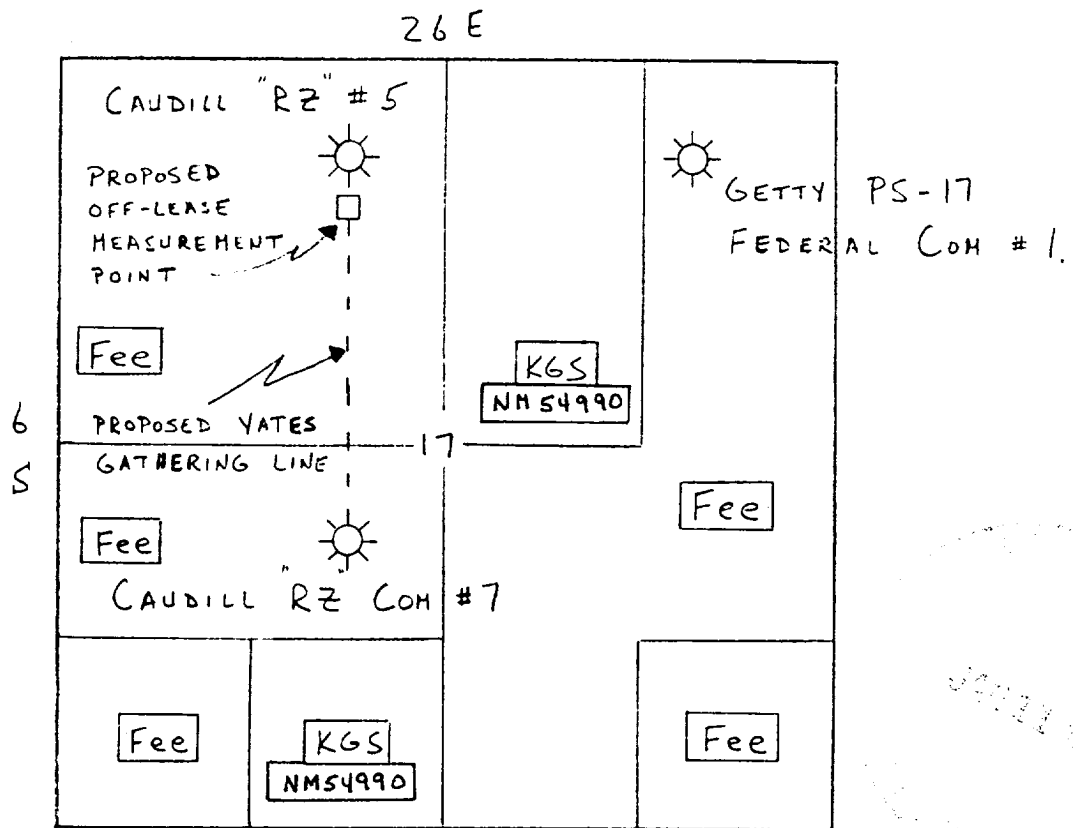
DATE APPROVED  
PETER W. CHESTER

JAN 19 1988

BUREAU OF LAND MANAGEMENT  
WELL RESOURCE AREA

CAUDILL RZ COM #7

OFF-LEASE MEASUREMENT



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

RECEIVED BY CONSERVATION DIVISION

P. O. BOX 2088

JAN 31 1985  
SANTA FE, NEW MEXICO 87501WELL COMPLETION OR RECOMPLETION REPORT AND LOG  
ARTESIA, OFFICE

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

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

1a. TYPE OF WELL <i>Bobm</i>		OIL WELL <input type="checkbox"/>		GAS WELL <input checked="" type="checkbox"/>		DRY <input type="checkbox"/>		OTHER _____		7. Unit Agreement Name					
b. TYPE OF COMPLETION		NEW WELL <input checked="" type="checkbox"/>		WORK OVER <input type="checkbox"/>		DEEPEN <input type="checkbox"/>		PLUG BACK <input type="checkbox"/>		DIFF. RESVR. <input type="checkbox"/>		OTHER _____		8. Farm or Lease Name Caudill RZ Com	
2. Name of Operator Yates Petroleum Corporation ✓												9. Well No. 7			
3. Address of Operator 207 South 4th St., Artesia, NM 88210												10. Field and Pool, or Wildcat Pecos Slope Abo			
4. Location of Well UNIT LETTER <u>K</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>17</u> TWP. <u>6S</u> RGE. <u>26E</u> NMPM												12. County Chaves			
15. Date Spudded 11-23-84		16. Date T.D. Reached 12-2-84		17. Date Compl. (Ready to Prod.) 12-29-84		18. Elevations (DF, RKB, RT, GR, etc.) 3672.1' GR		19. Elev. Casinghead							
20. Total Depth 4247'		21. Plug Back T.D. 4194'		22. If Multiple Compl., How Many		23. Intervals Drilled By Rotary Tools 0-4247'		Cable Tools		25. Was Directional Survey Made No					
24. Producing Interval(s), of this completion - Top, Bottom, Name 3754-3972' Abo												27. Was Well Cored No			
26. Type Electric and Other Logs Run CNL/FDC; DLL															
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
20"				40'		26"									
8-5/8"		24#		915'		12-1/4"		475 sx							
4-1/2"		9.5#		4247'		7-7/8"		665 sx							
29. LINER RECORD															
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		30. TUBING RECORD		PACKER SET			
										SIZE 2-3/8"		DEPTH SET 3738'			
												3738'			
31. Perforation Record (Interval, size and number) 3754-3972' w/22 .50" holes															
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.															
DEPTH INTERVAL															
3754-3972'															
AMOUNT AND KIND MATERIAL USED															
w/2000 g. 7 1/2% acid + balls.															
SF w/40000g. gel KCL,															
70000# 20/40 sd.															
33. PRODUCTION															
Date First Production 12-29-84		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing								Well Status (Prod. or Shut-in) SIWOPLC					
Date of Test 12-29-84		Hours Tested 4		Choke Size 1/2"		Prod'n. For Test Period		Oil - Bbl. -		Gas - MCF 379		Water - Bbl. -		Gas - Oil Ratio -	
Flow Tubing Press. 350		Casing Pressure Pkr		Calculated 24-Hour Rate		Oil - Bbl. -		Gas - MCF 2273		Water - Bbl. -		Oil Gravity - API (Corr.) -			
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented - Will be sold												Test Witnessed By Bill Hansen			
35. List of Attachments Deviation Survey															
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 <i>[Signature]</i>				TITLE <u>Production Supervisor</u>				DATE <u>12-31-84</u>							

# 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" _____
B. 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 _____ 559	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ 1648	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 3702	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Perm. _____	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 _____

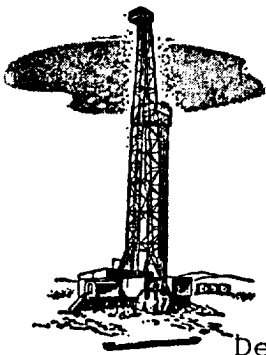
### IMPORTANT WATER SANDS

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	40	40	Surface, Rock				
40	450	410	Redbeds				
450	842	392	Redbeds, Anhydrite				
842	2355	1513	Anhydrite				
2255	2581	226	Salt, Anhydrite				
2581	2849	268	Anhydrite				
2849	3054	205	Anhydrite, Sand, Shale				
3054	3521	467	Sand, Anhydrite				
3521	3777	256	Anhydrite, Shale				
3777	4247	470	Shale				



Telephone (505) 748-2205

**L & M DRILLING, INC. — Oil Well Drilling Contractors**

P. O. BOX 872 / ARTESIA, NEW MEXICO 88210  
470

December 12, 1984

Yates Petroleum Corporation  
207 South Fourth Street  
Artesia, NM 88210

Re: Caudill RZ Com #7  
1980' FLS & 1980' FWL  
Sec. 17, T6S, R26E  
Chaves County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
570'	1/4°
915'	3/4°
1440'	1/2°
2060'	3/4°
2581'	1/2°
3054'	1/2°
3521'	3/4°
3972'	3/4°
4250'	1°

Very truly yours,

B. N. Muncy Jr.  
President

STATE OF NEW MEXICO  
COUNTY OF EDDY

§  
§

The foregoing was acknowledged before me this 12th day of December, 1984.

  
NOTARY PUBLIC

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

Form C-103  
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	<input type="checkbox"/>
LAND OFFICE	<input type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

RECEIVED BY BOX 2088  
SANTA FE, NEW MEXICO 87501  
JAN - 2 1985  
O. C. D.  
ARTESIA, OFFICE

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

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Yates Petroleum Corporation	8. Farm or Lease Name Caudill RZ Com
3. Address of Operator 207 South 4th St., Artesia, NM 88210	9. Well No. 7
4. Location of Well UNIT LETTER <u>K</u> 1980 FEET FROM THE <u>South</u> LINE AND 1980 FEET FROM THE <u>West</u> LINE, SECTION <u>17</u> TOWNSHIP <u>6S</u> RANGE <u>26E</u> NMPM.	10. Field and Pool, or Wildcat Pecos Slope Abo
15. Elevation (Show whether DF, RT, GR, etc.) 3672'.1' GR	12. County Chaves

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <u>Production Casing, Perforate, Treat</u> <input checked="" type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

TD 4247'. Ran 101 joints 4-1/2" 9.5# J-55 ST&C casing set 4247'. 1-regular cement guide shoe set 4247'. Super seal float collar set 4208'. Cemented w/365 sx Class C w/.5% CF-1 and 2% KCL. Compressive strength of cement 950 psi in 12 hours. PD 8:15 PM 12-3-84. Bumped plug to 1000 psi, released pressure, float and casing held okay. WOC 18 hrs. Ran 1500' of 1". Cemented w/300 sacks Pacesetter Lite. WIH and perforated 3754-3972' w/22 .50" holes as follows: 3754-60' (6 holes-1 SPF); 3806-09' (4 holes-1 SPF); 3967-72' (12 holes-2 SPF). Acidized perforations 3754-3972' w/2000 gals 7 1/2% Spearhead acid and 17 ball sealers. Sand frac'd perforations 3754-3972' w/40000 gals gelled KCL water, 70000# 20/40 sand. Well flowed and stabilized at 350 psi on 1/2" choke = 2273 mcf/gpd.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Mike Williams TITLE Production Supervisor DATE 12-31-84  
Original Signed By  
Mike Williams  
Oil & Gas Inspector  
APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

JAN 9 1985