

State Lease - 6 copies  
Fee Lease - 5 copies  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
411 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Ener Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-105  
Revised March 25, 1999

WL API NO.  
30-025-02771

5. Indicate Type of Lease  
STATE ☒ FEE ☐

State Oil & Gas Lease No.  
VA-605

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:  
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER \_\_\_\_\_  
b. Type of Completion:  
NEW WORK PLUG DIFF.  
WELL ☐ OVER ☐ DEEPEN ☒ BACK ☐ RESVR. ☒ OTHER Re-enter

7. Lease Name or Unit Agreement Name

**Brunson AQK State**

2. Name of Operator  
**Yates Petroleum Corporation**

8. Well No.  
**#2**

3. Address of Operator  
**105 South 4<sup>th</sup> St., Artesia, NM 88210**

9. Pool name or Wildcat  
**Townsend Permo Upper Penn**

4. Well Location  
Unit Letter **H** : **1980** Feet From The **North** Line and **660** Feet From The **East** Line  
Section **10** Township **16S** Range **35E** NMPM **Lea** County

10. Date Spudded **1/30/00** 11. Date T.D. Reached **2/24/00** 12. Date Compl. (Ready to Prod.) **3/25/00** 13. Elevations (DF& RKB, RT, GR, etc.) **4005' GR** 14. Elev. Casinghead

15. Total Depth **11,625'** 16. Plug Back T.D. **11,280'** 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By **0-11,625'** Rotary Tools Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name **10,876-10,908' Cisco** 20. Was Directional Survey Made **No**

21. Type Electric and Other Logs Run **CNL/LDC, Laterolog, Acoustilog** 22. Was Well Cored **No**

### 23. 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#	367'	17-1/2"	In place	
8-5/8"	32#	4706'	12-1/4"	In place	1251' to surface
5-1/2"	17#	10,654'	7-7/8"	In Place	7951' to surface
8-5/8"	32#	1255'	12-1/4"	500 sxs	
5-1/2"	15.5# & 17#	7956'	7-7/8"	700 sxs	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
3-1/2"	10,524'	11,623'	90 sxs		2-7/8"	10,506'	10,513'

26. Perforation record (interval, size, and number)  
**See Attached**

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED  
**See Attached**

### 28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)		
<b>3/25/00</b>		<b>Flowing</b>				<b>Producing</b>		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio	
<b>3/30/00</b>	<b>24</b>	<b>20/64"</b>		<b>246</b>	<b>983</b>	<b>3</b>		
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)		
<b>475#</b>	<b>Packer</b>		<b>246</b>	<b>983</b>	<b>3</b>			

29. Disposition of Gas (Sold, used for fuel, vented, etc.) **Sold** Test Witnessed By **Rocky Harper**

30. List Attachments

**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 Susan Herpin Printed Name **Susan Herpin** Title **Engineering Tech.** Date **September 13, 2001**

# 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

## Northwestern New Mexico

. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
. Salt _____	T. Strawn 11,318'	T. Kirtland-Fruitland _____	T. Penn. "C" _____
. Salt _____	T. Atoka 11,528'	T. Pictured Cliffs _____	T. Penn. "D" _____
. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
. Abo _____	T. Yeso _____	T. Wingate _____	T. _____
. Wolfcamp _____	T. Ordovician _____	T. Chinle _____	T. _____
. Penn Clastics _____	_____	T. Permian _____	T. _____
. Cisco 10,876'	_____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS  
OR ZONES

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

Yates Petroleum Corporation  
Brunson AQK State #2  
API 30-025-02771  
Section 10 T16S R35E  
Lea County, NM

**26. Perforation Record (Interval, size and number):**

Strawn	11,357'	1 hole	.31" hole
	11,360'	1 hole	.31" hole
	11,365-11,368'	4 holes	.31" holes
	11,380-11,384'	5 holes	.31" holes
	11,388-11,390'	3 holes	.31" holes
	11,397-11,398'	2 holes	.31" holes
	11,402-11,403'	2 holes	.31" holes
	11,410'	1 hole	.31" hole
	11,416'	1 hole	.31" hole
	11,420'	1 hole	.31" hole
	11,430-11,430'	2 holes	.31" holes
Cisco	10,876-10,884'	18 holes	.32" holes
	10,890-10,908'	38 holes	.32" holes

**27. Acid, Shot, Fracture, Cement, Squeeze, etc.**

**Depth Interval    Amount and Kind Material Used**

Strawn  
11,357-11,431'    Acidize with 5000 gals 15% IC HCL  
11,280'            Set cement plug, 15 sxs Class H Neat

Cisco  
10,876-10,908'    Acidize with 2500 gals 15% IC HCL