

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

Form C-105
Revised 1-1-89

WELL API NO.
30-025-31115

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
V-1767

7. Lease Name or Unit Agreement Name

West Sombrero State Unit

8. Well No.

9. Pool name or Wildcat
Und. West Hume Queen

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

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

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 J : 1980 Feet From The South Line and 1980 Feet From The East Line

Section 16 Township 16S Range 33E NMPM Lea County

10. Date Spudded 1-29-91 11. Date T.D. Reached 4-10-91 12. Date Compl. (Ready to Prod.) 6-13-91 13. Elevations (DF& RKB, RT, GR, etc.) 4228' GR 14. Elev. Casinghead

15. Total Depth 13700' 16. Plug Back T.D. 4362' 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 3916-3936' Queen 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run CNL/LDT; DLL, BHC 22. Was Well Cored Yes

23. 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	
13-3/8"	54.5#	428'	17 1/2"	400 sx	
8-5/8"	32#	4498'	11"	1700 sx	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-7/8"	3956'

26. Perforation record (interval, size, and number)		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3916-3936' w/20 - .50" Holes		3916-36'	w/2000g. 7 1/2% acid. SF w/30000
			X-link gel, 44000# 20/40 sd+
			12000# 12/20 sd. Re-acid w/
			5000g. 7 1/2% acid.

28. PRODUCTION							Well Status (Prod. or Shut-in)
Date First Production 5-9-91 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping							Producing
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
6-13-91	24	-		5	-0-	5	-
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
-	-		5	-0-	5		

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
No gas production.

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 6-14-91

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				Northwestern New Mexico			
Rustler_	1483	T. Canyon	10908	T. Ojo Alamo	T. Penn. "B"		
T. Anhy	1608	T. Strawn	12208	T. Kirtland-Fruitland	T. Penn. "C"		
T. Salt	2562	T. Atoka	12458	T. Pictured Cliffs	T. Penn. "D"		
B. Salt	2748	T. Miss MORROW LS	13043	T. Cliff House	T. Leadville		
T. Yates		T. Devonian ATOKA SH	12658	T. Menefee	T. Madison		
T. 7 Rivers		T. Silurian SEAMAN	11233	T. Point Lookout	T. Elbert		
T. Queen	3621	T. Montoya		T. Mancos	T. McCracken		
T. Grayburg		T. Simpson		T. Gallup	T. Ignacio Otzte		
T. San Andres	4428	T. McKee		Base Greenhorn	T. Granite		
T. Glorieta	5930	T. Ellenburger		T. Dakota	T.		
T. Paddock		T. Gr. Wash		T. Morrison	T.		
T. Blinebry		T. Delaware Sand		T. Todilto	T.		
T. Tubb	7146	T. Bone Springs		T. Entrada	T.		
T. Drinkard		T. XX Marker	9923	T. Wingate	T.		
T. Abo	7904	T. Bursum	10337	T. Chinle	T.		
T. Wolfcamp LS	9604	T. Virgilian	10486	T. Permian	T.		
T. Penn		T. L. Canyon Lm	11936	T. Penn "A"	T.		
T. Cisco (Bough C)							

AUSTIN CYCLE MISS-13586

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	900	900	Surface, Redbeds	9550	11350	1800	Dolo, LS, Cht, sh
900	2500	1600	Redbeds, Salt, Anhy	11350	11800	450	LS, Sh, SS
2500	2700	200	Anhy, Salt, Sh	11800	11960	160	LS, Sh
2700	2960	260	Anhy, LS, Sh, Sd	11960	12700	740	LS, Sh, Sd, Cht
2960	3940	980	Anhy, Dolo, Sh, Sd, LS	12700	13070	370	LS, Sh, Sd
3940	4040	100	Anhy, Dolo, LS, Sh	13070	13420	350	LS, Oolitic LS, Sh, Sd
4040	4500	460	Dolo, Anhy, Sh, Sd	13420	13700	280	LS, Sd, Sh, Cht
4500	4560	60	Dolo, LS, Sh				
4560	4850	290	Dolo				
4850	4980	130	Dolo, SH				
4980	5180	200	Dolo, Sh, Cht				
5180	5330	150	Dolo, Cht				
5330	5500	170	Dolo, cht, Anhy, LS				
5500	5920	420	Dolo, Anhy, LS, Sh				
5920	6320	400	Dolo, SS, Sh				
6320	7000	680	Dolo, SS, Sh, Cht				
7000	7550	550	Dolo, Anhy, Sh, Sd				
7550	9440	1890	Dolo, Anhy, Sh				
9440	9550	110	Dolo, Anhy, Sh, Cht				

RECEIVED

JUN 21 1991

INDEXED