

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.
30-025-31073
5. Indicate Type of Lease
STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
VB-11

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Lease Name or Unit Agreement Name	
b. Type of Completion: NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☒ OTHER RECOMPLETION		Hour Glass State Unit	
2. Name of Operator YATES PETROLEUM CORPORATION (505) 748-1471		8. Well No. 1	
3. Address of Operator 105 South 4th St., Artesia, NM 88210		9. Pool name or Wildcat <i>South Vacuum</i> Undesignated Bone Springs	
4. Well Location Unit Letter <u>A</u> : <u>660</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>East</u> Line Section <u>16</u> Township <u>18S</u> Range <u>35E</u> NMPM Lea County			
10. Date Spudded 4-20-93	11. Date T.D. Reached 5-11-93	12. Date Compl. (Ready to Prod.) 5-12-93	13. Elevations (DF& RKB, RT, GR, etc.) 3919' GR
14. Elev. Casinghead			
15. Total Depth 11260'	16. Plug Back T.D. 10250'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools Pulling Unit
19. Producing Interval(s), of this completion - Top, Bottom, Name 9946-9970' Bone Springs <i>220 ft camp</i>			20. Was Directional Survey Made No
21. Type Electric and Other Logs Run None			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'	24"	In place	
13-3/8"	54.5#	415'	17-1/2"	In place	
8-5/8"	32#	3812'	11"	In place	
5-1/2"	17#	11260'	7-7/8"	In place	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-7/8"	9340'

26. Perforation record (interval, size, and number) 9946-9970' w/66 .42" holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
	DEPTH INTERVAL
	AMOUNT AND KIND MATERIAL USED
	9946-9970' Acidized w/3000 gallons 20%
NEFE acid; 9958-9970' - acidized w/750 gallons 20% NEFE acid; 9946-9970' - acidized w/8000 gals 30# gel & 20000 gals 20% gelled acid	NEFE acid; 9946-9950' - acidized w/750

PRODUCTION

28. Date First Production 5-12-93		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Producing	
Date of Test 7-18-93	Hours Tested 24	Choke Size open	Prod'n For Test Period	Oil - Bbl. 67	Gas - MCF 70	Water - Bbl. 2775	Gas - Oil Ratio 1044
Flow Tubing Press. 70	Casing Pressure 70	Calculated 24-Hour Rate	Oil - Bbl. 67	Gas - MCF 70	Water - Bbl. 2775	Oil Gravity - API - (Corr.) 36.5	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By John Dehler
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30. List Attachments None

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 <i>Rusty Klein</i>	Printed Name Rusty Klein	Title Production Clerk	Date 7-27-93

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

Anhy _____ T. Canyon _____
 Salt _____ T. Strawn _____
 Salt _____ T. Atoka _____
 Yates _____ T. Miss _____
 7 Rivers _____ T. Devonian _____
 Queen _____ T. Silurian _____
 Grayburg _____ T. Montoya _____
 San Andres _____ T. Simpson _____
 Glorieta _____ T. McKee _____
 Paddock _____ T. Ellenburger _____
 Blinbry _____ T. Gr. Wash _____
 Tubb _____ T. Delaware Sand _____
 Drinkard _____ T. Bone Springs _____
 Abo _____ T. _____
 Wolfcamp _____ T. _____
 Penn _____ T. _____
 Cisco (Bough C) _____ T. _____

Northwestern New Mexico

T. Ojo Alamo _____ T. Penn. "B" _____
 T. Kirtland-Fruitland _____ T. Penn. "C" _____
 T. Pictured Cliffs _____ T. Penn. "D" _____
 T. Cliff House _____ T. Leadville _____
 T. Menefee _____ T. Madison _____
 T. Point Lookout _____ T. Elbert _____
 T. Mancos _____ T. McCracken _____
 T. Gallup _____ T. Ignacio Otzte _____
 Base Greenhorn _____ T. Granite _____
 T. Dakota _____ T. _____
 T. Morrison _____ T. _____
 T. Todilto _____ T. _____
 T. Entrada _____ T. _____
 T. Wingate _____ T. _____
 T. Chinle _____ T. _____
 T. Permian _____ T. _____
 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
			REFER TO ORIGINAL COMPLETION				