

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

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

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

WELL API NO.
30-025-31966
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. E-7653

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____		7. Lease Name or Unit Agreement Name Nowata AGR State	
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____		8. Well No. 2	
2. Name of Operator YATES PETROLEUM CORPORATION (505) 748-1471		9. Pool name or Wildcat Wildcat South Vacuum Wolfcamp Bone Springs	
3. Address of Operator 105 South 4th St., Artesia, NM 88210		4. Well Location Unit Letter I : 1650 Feet From The South Line and 330 Feet From The East Line Section 9 Township 18S Range 35E NMPM Lea County	
10. Date Spudded RH 5-7-93 RT 5-11-93	11. Date T.D. Reached 6-8-93	12. Date Compl. (Ready to Prod.) 6-23-93	13. Elevations (DF & RKB, RT, GR, etc.) 3921' GR
14. Elev. Casinghead	15. Total Depth 10410	16. Plug Back T.D. 10360	17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools 0-10410 Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 8257-8296' Canyon Bone Springs			20. Was Directional Survey Made No
21. Type Electric and Other Logs Run			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"	Cement to surface	
13-3/8"	54.5#	450'	17-1/2"	500 sx - circulate	
9-5/8"	36# & 40#	3850'	12-1/4"	1450 sx - circulate	
7"	26# & 23#	10410'	8-3/4"	1375 sx - circulate	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2-7/8"	8178'	

26. Perforation record (interval, size, and number) 8257-8296' w/34 .42" holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	8257-8296'	Acidized w/4200 gallons
		20% NEFE acid

PRODUCTION

28. Date First Production 6-23-93		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 7-14-93	Hours Tested 24	Choke Size 9/64"	Prod'n For Test Period	Oil - Bbl. 239	Gas - MCF 162	Water - Bbl. 0	Gas - Oil Ratio 678
Flow Tubing Press. 690	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 239	Gas - MCF 162	Water - Bbl. 0	Oil Gravity - API - (Corr.) 38.3	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By John Dehler
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30. List Attachments
Logs, Deviation Surveys and DST's

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 Rusty Klein Printed Name Rusty Klein Title Production Clerk Date 7-16-93

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

Northwestern New Mexico

T. Anhy _____
 T. Salt 1932
 T. Salt _____
 T. Yates 3250
 T. 7 Rivers _____
 T. Queen 4412
 T. Grayburg _____
 T. San Andres 5032
 T. Glorieta _____
 T. Paddock _____
 T. Blinberry _____
 T. Tubb _____
 T. Drinkard _____
 T. Abo _____
 T. Wolfcamp 10194
 T. Penn _____
 T. Cisco (Bough C) _____
 T/3rd Sand 9466

T. Canyon _____
 T. Strawn _____
 T. Atoka _____
 T. Miss _____
 T. Devonian _____
 T. Silurian _____
 T. Montoya _____
 T. Simpson _____
 T. McKee _____
 T. Ellenburger _____
 T. Gr. Wash _____
 T. Delaware Sand _____
 T. Bone Springs 6544
 T. Rustler 1791
 T. Delaware 6050
 T. 1st Sand 7971
 T. 2nd Sand 8306

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. Entrada _____
 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. _____
 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	450	450	Redbed	8933	9161	228	Sand, lime & dolomite
450	1800	1350	Anhydrite	9161	10305	1144	Dolomite & shale
1800	3250	1450	Anhydrite & salt	10305	10410	105	Dolomite, lime & chert
3250	3521	271	Anhydrite & dolomite				
3521	3850	329	Dolomite				
3850	4287	437	Anhydrite				
4287	5028	741	Anhydrite, dolomite & shale				
5028	5683	655	Anhydrite & dolomite				
5683	6537	854	Dolomite & sand				
6537	7425	888	Limestone				
7425	8053	628	Chert & dolomite				
8053	8315	262	Dolomite				
8315	8454	139	Dolomite & shale				
8454	8933	479	Sand & dolomite				