

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. 30-025-34039
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. VA-1000
7. Lease Name or Unit Agreement Name Barry ARD State
8. Well No. 1
9. Pool name or Wildcat Townsend Permo Upper Penn

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 ☐ DIPP 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 <u>C</u> : <u>330</u> Feet From The <u>North</u> Line and <u>1360</u> Feet From The <u>West</u> Line Section <u>29</u> Township <u>15S</u> Range <u>35E</u> NMPM <u>Lea</u> County				
10. Date Spudded RH 10-18-97 RT 10-21-97	11. Date T.D. Reached 12-4-97	12. Date Compl. (Ready to Prod.) 1-28-98	13. Elevations (DFA, RKB, RT, GR, etc.) 4018' GR	14. Elev. Casinghead
15. Total Depth 13060'	16. Plug Back T.D. 13014' 10600'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 40-13060'	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 10258-11711' Permo Penn				20. Was Directional Survey Made No
21. Type Electric and Other Logs Run CNL/GR, BHC & Laterolog				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
16"		40'	20"	Cement to surface	
11-3/4"	42#	460'	14-3/4"	295 sx - circulate	
8-5/8"	32#	4644'	11"	1475 sx - circulate	
5-1/2"	17# & 20#	13060'	7-7/8"	990 sx	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-7/8"	11600'

26. Perforation record (interval, size, and number)
11687-11711' w/7 .42" holes; 10258-10275' w/18
11633-11643' w/11 .42" holes .42" holes
11260-11324' w/22 .42" holes
11137-11150' w/14 .42" holes - squeezed

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL
AMOUNT AND KIND MATERIAL USED
SEE ATTACHED SHEET

PRODUCTION

28. Date First Production 1-31-98	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Producing		
Date of Test 2-3-98	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 59	Gas - MCF 98	Water - Bbl. 212	Gas - Oil Ratio 1661:1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 59	Gas - MCF 98	Water - Bbl. 212	Oil Gravity - API - (Corr.) N/A	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Will be sold when hookup available

Test Witnessed By
Rocky Harper

30. List Attachments
Drill Stem Tests, Deviation Survey & 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 Rusty Klein Printed Name Rusty Klein Title Operations Tech. Date 2-24-98

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

T. Anhy _____	T. Canyon _____
T. Salt _____ 1900'	T. Strawn _____ 11683'
B. Salt _____	T. Atoka _____ 11870'
T. Yates _____ 2992'	T. Miss _____ 12782'
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____ 4594'	T. Simpson _____
T. Glorieta _____ 6110'	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinbry _____	T. Gr. Wash _____
T. Tubb _____ 7342'	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____
T. Abo _____ 7978'	T. Rustler _____ 1852'
T. Wolfcamp _____ 9752'	T. Morrow _____ 12536'
T. Penn _____	T. _____
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. 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	460	460	Surface	9708	9880	172	Dolomite & lime
460	2612	2152	Sand & shale	9880	11820	1940	Lime & shale
2612	3652	1040	Salt & anhydrite	11820	13060	1240	Lime, shale & sand
3652	4221	569	Anhydrite				
4221	4599	378	Dolomite & anhydrite				
4599	4695	96	Dolomite				
4695	5160	465	Dolomite & anhydrite				
5160	5570	410	Dolomite & shale				
5570	5840	270	Dolomite				
5840	6210	370	Dolomite, shale & chert				
6210	6490	280	Dolomite & shale				
6490	6810	320	Dolomite, sand & anhy				
6810	7205	395	Dolomite & shale				
7205	8806	1601	Dolomite, anhy & shale				
8806	8900	94	Lime & shale				
8900	9400	500	Lime, shale, dolo & anhy				
9400	9708	308	Dolomite				