

Submit: 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.
30-025-34688
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. VA-478

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____		7. Lease Name or Unit Agreement Name Gallagher ATJ State Com
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____		
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 Shoe Bar Morrow, North
4. Well Location Unit Letter <u>G</u> : <u>2300</u> Feet From The <u>North</u> Line and <u>2300</u> Feet From The <u>East</u> Line Section <u>2</u> Township <u>16S</u> Range <u>35E</u> NMPM Lea County		
10. Date Spudded RH 9-26-99 RT 9-27-99	11. Date T.D. Reached 11-16-99	12. Date Compl. (Ready to Prod.) 12-14-99
13. Elevations (DF& RKB, RT, GR, etc.) 3991' GR		14. Elev. Casinghead
15. Total Depth 12940'	16. Plug Back T.D. 12644'	17. If Multiple Compl. How Many Zones?
18. Intervals Drilled By Rotary Tools 40-12940'		Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 12542-12590' Morrow		20. Was Directional Survey Made No
21. Type Electric and Other Logs Run CNL/LDC, BHC & Laterolog		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
16"		40'	20"	Cement to surface	
11-3/4"	42#	425'	14-3/4"	350 sx - circulate	
8-5/8"	32#	4642'	11"	1600 sx - circulate	
5-1/2"	17#	12942'	7-7/8"	2125 sx	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	12487'	12496'

26. Perforation record (interval, size, and number) 12706-12736' w/60 .42" holes 12542-12590' w/112 .42" holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	SEE ATTACHED SHEET	

28. PRODUCTION							
Date First Production 12-15-99		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 12-30-99	Hours Tested 24	Choke Size 14/64"	Prod'n For Test Period	Oil - Bbl. 113	Gas - MCF 2019	Water - Bbl. 0	Gas - Oil Ratio
Flow Tubing Press. 2700#	Casing Pressure Packer	Calculated 24-Hour Rate	Oil - Bbl. 113	Gas - MCF 2019	Water - Bbl. 0	Oil Gravity - API - (Corr.) N/A	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By Rocky Harper
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30. List Attachments Drill Stem Test, Deviation Survey & Logs
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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 1-31-2000

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 _____ 2081'	T. Strawn _____ 11472'
B. Salt _____	T. Atoka _____ 11752'
T. Yates _____ 3017'	T. Miss Lime _____ 12845'
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____ 4542'	T. Simpson _____
T. Glorieta _____ 6240'	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinebry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____
T. Abo _____ 8026'	T. Rustler _____ 1825'
T. Wolfcamp _____ 9672'	T. Morrow Lime _____ 12310'
T. Penn _____	T. Austin _____ 12455'
T. Cisco (Bough C) _____ 11963'	T. Chester _____ 12703'

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
0	1780	1780	Redbed	12066	12485	419	Sand & shale
1780	3510	1730	Anhydrite & salt	12485	12550	65	Sand, lime & shale
3510	4353	843	Anhydrite	12550	12867	317	Shale
4353	4428	75	Anhydrite & dolomite	12867	12940	73	Lime & shale
4428	7268	2840	Dolomite				
7268	7614	346	Dolomite & shale				
7614	8236	622	Dolomite				
8236	9155	919	Dolomite & anhydrite				
9155	9680	525	Dolomite				
9680	11479	1799	Lime & shale				
11479	11714	235	Lime				
11714	11773	59	Sand				
11773	11907	134	Lime & shale				
11907	12066	159	Shale				