

Submit To Appropriate District Office
Two Copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised August 1, 2011

1. WELL API NO.
30-015-28410

2. Type of Lease
☐ STATE ☒ FEE ☐ FED/INDIAN

3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:

☒ **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)

☐ **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

5. Lease Name or Unit Agreement Name
Patriot AIZ

6. Well Number:
11

7. Type of Completion:
☐ NEW WELL ☐ WORKOVER ☐ DEEPENING ☒ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER **RECOMPLETION**

8. Name of Operator
Yates Petroleum Corporation

9. OGRID
025575

10. Address of Operator
105 South Fourth Street, Artesia, NM 88210

11. Pool name or Wildcat
N. Seven Rivers; Glorieta-Yeso (Oil)

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	F	21	19S	25E		1880	North	1880	West	Eddy
BH:										

13. Date Spudded
RC 6/16/13

14. Date T.D. Reached
NA

15. Date Rig Released
NA

16. Date Completed (Ready to Produce)
8/16/13

17. Elevations (DF and RKB, RT, GR, etc.)
3489' GR 3502' KB

18. Total Measured Depth of Well
8310'

19. Plug Back Measured Depth
3611'

20. Was Directional Survey Made?
No

21. Type Electric and Other Logs Run
CBL/GR/CCL

22. Producing Interval(s), of this completion - Top, Bottom, Name
2428'-2558' Yeso

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT CEMENTED

REFER TO ORIGINAL COMPLETION

RECEIVED
AUG 30 2013
NMOC D ARTESIA

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	2715'	

26. Perforation record (interval, size, and number)
2428'-2558' (66)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2428'-2558'	Acidized with 4000g 15% NEFE inhibitor acid with
	120 BS and 2000g 20% HCL acid, frac with a total
	of 322,176# 100 mesh, 40/70 and 16/30 white sand

28. PRODUCTION

Date First Production 8/17/13	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping	Well Status (Prod. or Shut-in) Producing					
Date of Test 8/28/13	Hours Tested 24	Choke Size NA	Prod'n For Test Period	Oil - Bbl 12	Gas - MCF 55	Water - Bbl. 339	Gas - Oil Ratio NA
Flow Tubing Press. 220 psi	Casing Pressure 40 psi	Calculated 24-Hour Rate	Oil - Bbl. 12	Gas - MCF 55	Water - Bbl. 339	Oil Gravity - API - (Corr.) NA	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold

30. Test Witnessed By
D. Lopez

31. List Attachments
Log

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. If an on-site burial was used at the well, report the exact location of the on-site burial:

LatitudeLongitudeNAD 1927 1983

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

Printed Name
Tina Huerta

Title
Regulatory Reporting Supervisor

Date
August 28, 2013

E-mail Address: tinah@yatespetroleum.com

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 and not later than 60 days after completion of closure. When submitted as a completion report, this 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 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T.Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T.Todilto	
T. Abo	T	T. Entrada	
T. Wolfcamp	T	T. Wingate	
T. Penn	T	T. Chinle	
T. Cisco	T	T. Permian	

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
			REFER TO ORIGINAL COMPLETION

DISTRICT I
P.O. Box 1980, Hobbs NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

DISTRICT II
P.O. Drawer DD, Artesia NM 88210

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

DISTRICT III
1000 Rio Brazos Rd., Aztec NM 87410

WELL API N	
30-015-28410	
5. Indicate Type of Lease	
State <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		17. Lease Name or Unit Agreement Name Patriot AIZ	
2. Name of Operator Yates Petroleum Corporation		8. Well No. 11-H	
3. Address of Operator 105 South Fourth Street, Artesia, NM 88210		9. Pool Name or Wildcat Dagger Draw Upper Penn North	
4. Well Location Unit Letter <u>F</u> <u>1880</u> Feet From The <u>North</u> Line and <u>1880</u> Feet From The <u>West</u> Line Section <u>21</u> Township <u>19S</u> Range <u>25E</u> NMPM <u>Eddy</u> County			
10. Date Spudded 1/21/00	11. Date T.D. Reached 3/5/00	12. Date Completed (Ready to Prod) 3/29/00	13. Elevations (DF & RKB, RT, GR, etc.) 3489' GR
15. Total Depth 8670'	16. Plug Back T.D. 8305'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled by 80-8670'
19. Producing Interval (s), of this completion - Top, Bottom, Name 8455-7810' Cisco Canyon			20. Was Directional Survey Made
21. Type Electric and Other Logs Run			22. Was Well Cored

23 CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36#	80'	26	cement to surface	
7"	26# & 36#	1162'	14 3/4	1100 sxs circ	
6 1/8"		8310'	8 3/4	1250 sxs circ	
		8670'	4 3/4		

24 LINER RECORD				25 TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					3 1/2	7700	

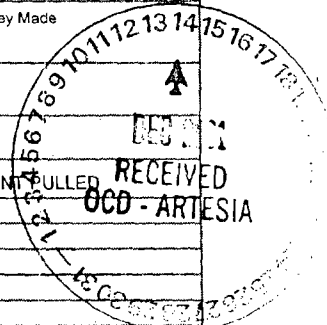
26 PERFORATION RECORD (INTERVAL, SIZE, AND NUMBER) None Open completion	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	8455-8670	5000 gallons of gelled 15% iron control HCL acid
	8025-8240	5000 gallons of gelled 15% iron control HCL acid
	7810-8025	5000 gallons of gelled 15% iron control HCL acid

28 PRODUCTION							
Date First Production 9/13/00	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. Or Shut-in) Producing		
Date of Test 9/12/00	Hours Tested 24	Choke Size	Prod'n for Test Period	Oil - Bbl 429	Gas-MCF 1460	Water -Bbl 221	Gas - Oil Ratio
Flow Tubing Press. 380	Casing Pressure 180#	Calculated 21- Hour Rate	Oil- Bbl 429	Gas-MCF 1460	Water -Bbl 221	Oil Gravity - API	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Tested Witnessed By Lrry Raga
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30. List Attachments 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	Printed Name Erma Vazquez	Title Drilling Technician



37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, and all drill-stem tests, including depth interval tested, cushion used, time open flowing and shut in pressures and recoveries):

38. GEOLOGIC MARKERS

				NAME	TOP	
FORMATION	TOP	BOTTOM	DESCRIPTION CONTENTS, ETC.		MEAS. DEPTH	TRUE VERT. DEPTH
				San Andres	731	
				Glorieta	2288	
				Wolfcamp	5848	
				Canyon	7720	
				Bone Springs	3744	

State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
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1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

AMENDED

Well API NO.

30-015-28410

5. Indicate Type of Lease

STATE ☐ FEE ☒

State Oil & Gas Lease No.

REVISED March 23, 1997
1-12345678
RECEIVED
APR 2002
DISTRICT - ARTESIA

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Lease Name or Unit Agreement Patriot AIZ	
b. Type of Completion: NEW <input type="checkbox"/> WORK <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. <input type="checkbox"/> WELL <input checked="" type="checkbox"/> OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> BACK <input type="checkbox"/> RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Well No. #11-H	
2. Name of Operator Yates Petroleum Corporation		Pool name or Wildcat Dagger Draw Upper Penn, N	
3. Address of Operator 105 South 4th St., Artesia, NM 88210			
4. Well Location Unit Letter F : 1880 Feet From The North Line and 1880 Feet From The West Line Section 21 Township 19S Range 25E NMPM Eddy County			
10. Date Spudded RH - 1/21/00 RT - 1/26/00	11. Date T.D. Reached 3/5/00	12. Date Compl. (Ready to Prod.) 3/29/00	13. Elevations (DF& RKB, RT, GR, etc.) 3489' GR
14. Elev. Casinghead			
15. Total Depth Lateral: Original Wellbore: 8670' MD 8310' MD 7754' TVD - end of lateral 8176' TVD 7761' TVD - deepest point		16. Plug Back T.D. Original wellbore: 8266' MD 8138' TVD No Plug Back in Lateral	17. If Multiple Compl. How Many Zones? 80-8670' MD
18. Intervals Drilled By		19. Producing Interval(s) of this completion - Top, Bottom, Name Open hole 7728-8670' MD (7683-7761' TVD) Canyon	
20. Was Directional Survey Made Yes			
21. Type Electric and Other Logs Run See original completion report		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
20"		80'	26"	cement to surface	
9-5/8"	36#	1162'	14-3/4"	1300 sxs circ	
7"	23# & 26#	8310'	8-3/4"	1250 sxs	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2-7/8"	7572'	None

26. Perforation record (interval, size, and number) Open hole completion in horizontal lateral: 7728-8670' MD 7683-7761' TVD		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
7810-8025' MD		5000 gals 15% gelled IC HCL	
8025-8240' MD		5000 gals 15% gelled IC HCL	
8240-8455' MD		5000 gals 15% gelled IC HCL	
8455-8670' MD		5000 gals 15% gelled IC HCL	

28. PRODUCTION							
Date First Production 3/31/00		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping			Well Status (Prod. or Shut-in) Producing		
Date of Test 4/5/00	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 672	Gas - MCF 1164	Water - Bbl. 372	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 672	Gas - MCF 1164	Water - Bbl. 372	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By Larry Raga
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30. List Attachments Directional survey

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature *Susan Herpin* Printed Name **Susan Herpin** Title **Engineering Tech.** Date **April 5, 2002**

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	
Anhy	T. Canyon 7720'	T. Ojo Alamo	T. Penn. "B"
Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
Yates	T. Miss	T. Cliff House	T. Leadville
7 Rivers	T. Devonian	T. Menefee	T. Madison
Queen	T. Silurian	T. Point Lookout	T. Elbert
Grayburg	T. Montoya	T. Mancos	T. McCracken
San Andres 731'	T. Simpson	T. Gallup	T. Ignacio Otzte
Glorieta 2288'	T. McKee	Base Greenhorn	T. Granite
Paddock	T. Ellenburger	T. Dakota	T.
Blinebry	T. Gr. Wash	T. Morrison	T.
Tubb	T. Delaware Sand	T. Todilto	T.
Drinkard	T. Bone Springs 3744'	T. Entrada	T.
Abo	T. Yeso	T. Wingate	T.
Wolfcamp 5848'	T. Ordovician	T. Chinle	T.
Penn Clastics		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