

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

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT RULLED
REFER TO ORIGINAL COMPLETION					

**RECEIVED**  
 AUG 30 2013  
**NMCOO ARTESIA**

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	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

PRODUCTION

28. 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	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
8/28/13	24	NA		12	55	339	NA
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
220 psi	40 psi		12	55	339	NA	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold  
30. Test Witnessed By D. Lopez

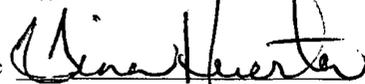
31. List Attachments  
Log

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:

Latitude Longitude NAD 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](mailto:tinah@yatespetroleum.com)

90

# 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. 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
			<b>REFER TO ORIGINAL COMPLETION</b>				

IBM  
B of M

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

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

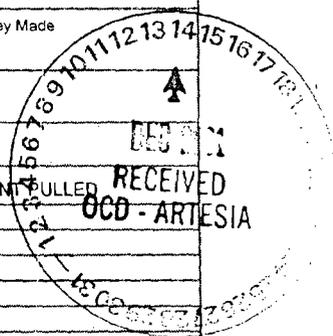
WELL API N 30-015-28410
5. Indicate Type of Lease State <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

**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"/>		7. 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 Rotary Tools 80-8670' Cable Tools
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	

**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		



**LINER RECORD**

**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

**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		

30. List Attachments  
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 \_\_\_\_\_ 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

FORMATION	TOP	BOTTOM	DESCRIPTION CONTENTS, ETC.	NAME	TOP	
					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  
 District III  
 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**

REVISED MARCH 23, 1977  
 WELL API NO.  
**30-015-28410**  
 5. Indicate Type of Lease  
 STATE  FEE   
 State Oil & Gas Lease No. 12345678

*Handwritten:* C/SF  
 BLM  
 BofM

RECEIVED  
 APR 20 2002  
 DISTRICT - ARTESIA  
 827262728

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well: OIL WELL  GAS WELL  DRY  OTHER   
 b. Type of Completion: NEW WORK PLUG DIFF.  
 WELL  OVER  DEEPEN  BACK  RESVR.  OTHER

7. Lease Name or Unit Agreement  
**Patriot AIZ**

2. Name of Operator  
**Yates Petroleum Corporation**

8. Well No.  
**#11-H**

3. Address of Operator  
**105 South 4th St., Artesia, NM 88210**

Pool name or Wildcat  
**Dagger Draw Upper Penn, N**

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** 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? **Many**  
 18. Intervals Drilled By Rotary Tools Cable Tools  
**80-8670' MD**

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	SCREEN	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**

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

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
**Sold** Test Witnessed By **Larry Raga**

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**

