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Form C-105
Revised 1-1-65NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
LG-1208	

a. TYPE OF WELL

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

c. Name of Operator

NATOMAS NORTH AMERICA, INC.

d. Address of Operator

1000 First Place, Tulsa, Oklahoma 74103

e. Location of Well

UNIT LETTER _____ LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM

THE West LINE OF SEC. 23 TWP. 23S RGE. 34E NMPM

15. Date Spudded 16. Date T.D. Reached 17. Date Compl. (Ready to Prod.) 18. Elevations (DF, RKB, RT, GR, etc.) 19. Elev. Casinghead

6/20/79 10/6/79 Currently Completing 3389.1 GR

20. Total Depth 21. Plug Back T.D. 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools Cable Tools

13,600' 13,483' 2 X

24. Producing Interval(s), of this completion - Top, Bottom, Name

12,033-12,052' Atoka; 12,796-12,802' Atoka; 13,232'-13,248' Morrow;
13,254-13,266' Morrow; 13,283-13,298' Morrow

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

CNL-Density, DIL, FDC-CNL

27. Was Well Cored

No

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
30"		40'	36"		
20"	94#	682'	26"	925 sx HLC & 400 sx C1 C	
13-3/8"	72#	5090'	17 1/2"	2775 sx HLC & 550 sx CL C	
9-5/8"	53.5#	11,900'	12 1/4"	325 sx HLC & 320 sx C1 H	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
7-5/8"	11,312'	12,680'	165 sx C1H	Short Strg	2-7/8"	11,250'	8-5/8" x 3 1/2" RDB @ 11,250'
5"	12,402'	13,598'	275 sx C1H	Long String	2-3/8"	12,402'	13006.5" WB @ 13,006'

31. Perforation Record (Interval, size and number)

12,033-12,052' & 12,796-12,802' Atoka
25 ft, 50 holes
13,232-13,248', 13,254-13,266', 13,283-13,298'
Morrow, 43 ft, 86 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
12,796-12,802'	2000 gals 15% HCL

33. Atoka (Lime) 12,033-12,052'

PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
		Flowing				Completing	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
8/27/79	9 6	10/64" 6/64"	→	161 66	1830 750	--	11,364:1 11,364:1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
3100 4625	--	→	384 264	4100 3000	--	52°	

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

Vented

Test Witnessed By
Art Oneal

35. List of Attachments

36. 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.

SIGNED

TITLE Administrative Coordinator

DATE 10/31/79

INSTRUCTIONS

This form is to be filled with the appropriate District Office of the Commission 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 logs run in 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 30 through 34 shall be reported for each zone. The form is to be filled in quadruplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOLOGICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Canyon	T. Ojo Alamo	T. Penn. "B"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ozite	T. Base Greenhorn	T. Dakota	T. Morrison	T. Todilto	T. Delaware Sand	T. Bone Springs	T. Abo	T. Wolfcamp	T. Penn.	T. Clasco (Bough C)
11,758'	12,000	11,758'	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000
Strawn	Kirtland-Fruitland	Penn. "C"	Penn. "D"	Leadville	Madison	Elbert	McCracken	Ignacio Ozite	Base Greenhorn	Dakota	Morrison	Todilto	Delaware Sand	Bone Springs	Abo	Wolfcamp	Penn.	Clasco (Bough C)	

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness In Feet	Formation	From	To	Thickness In Feet	Formation
0	990	990	Surface to Anhy	990	4132	4132	Anhy to Delaware Sand
5122	8558	3436	Delaware Sand to Bone Springs	2882	318	318	Bone Spring to Wolfcamp
11,440	11,758	318	Wolfcamp to Strawn	242	865	865	Strawn to Atoka
12,000	12,865	865	Atoka to Morrow	118	242	242	Morrow to Morrow 'B' Sand
12,865	12,983	118	Morrow to Morrow 'B' Sand	242	375	375	Morrow 'B' to Morrow 'A' Sand
12,983	13,225	242	Morrow 'A' Sand to T.D.	13,225	13,225	0	

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**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form C-105
Revised 1-1-65

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
LG-1208	

1a. TYPE OF WELL						7. Unit Agreement Name	
OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER _____ b. TYPE OF COMPLETION NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____						Antelope Ridge	
2. Name of Operator						8. Farm or Lease Name	
						Natoma State 23	
3. Address of Operator						9. Well No.	
						23-2	
4. Location of Well						10. Field and Pool, or Wildcat	
						Antelope Ridge Atoka & Morrow	
UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM _____						12. County	
THE _____ LINE OF SEC. _____ TWP. _____ RGE. _____ NMPM _____							
15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead			
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools		
24. Producing Interval(s), of this completion - Top, Bottom, Name						25. Was Directional Survey Made	
26. Type Electric and Other Logs Run						27. Was Well Cored	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
31. Perforation Record (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
33. Atoka (EO) 12,796-12,802'				PRODUCTION			
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
		Flowing				Completing	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
10/28/79	4	18/64"	12/64"	127	1362	50	10,724:1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
1800	1800	on 12/64"	408	4377	96	55°	
34. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	
Sold						Dick Hergenreter	
35. List of Attachments							
36. 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.							
SIGNED <u>Julia C. Pope</u>				TITLE <u>Administrative Coordinator</u>		DATE <u>10/31/79</u>	

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5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No. LG-1208	

1a. TYPE OF WELL										7. Unit Agreement Name																																							
b. TYPE OF COMPLETION OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER _____ NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____										8. Farm or Lease Name State "23"																																							
2. Name of Operator Natomas North America, Inc.										9. Well No. 2																																							
3. Address of Operator 1000 First Place, Tulsa, Ok 74103										10. Field and Pool or Wildcat Antelope Ridge Atoka & Morrow																																							
4. Location of Well UNIT LETTER _____ LOCATED _____ FEET FROM THE _____ LINE AND _____ FEET FROM _____										12. County Lea																																							
15. Date Spudded										16. Date T.D. Reached										17. Date Compl. (Ready to Prod.)										18. Elevations (DF, RKB, RT, GR, etc.)										19. Elev. Casinghead									
20. Total Depth										21. Plug Back T.D.										22. If Multiple Compl., How Many										23. Intervals Drilled By Rotary Tools _____ Cable Tools _____																			
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29. LINER RECORD																														30. TUBING RECORD																			
SIZE					TOP					BOTTOM					SACKS CEMENT					SCREEN					SIZE					DEPTH SET					PACKER SET														
31. Perforation Record (Interval, size and number)															32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																																		
															DEPTH INTERVAL										AMOUNT AND KIND MATERIAL USED																								
33. MORROW PRODUCTION																																																	
Date First Production										Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing										Well Status (Prod. or Shut-in) completing																													
Date of Test 10/24/79					Hours Tested 6					Choke Size 19/64"					Prod'n. For Test Period →					Oil - Bbl. 54					Gas - MCF 2368					Water - Bbl. 0					Gas - Oil Ratio 43852:1														
Flow Tubing Press. 4775 psi					Casing Pressure ---					Calculated 24-Hour Rate →					Oil - Bbl. 216					Gas - MCF 9473					Water - Bbl. 0					Oil Gravity - API (Corr.) 490																			
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold															Test Witnessed By Dick Hergenreter																																		
35. List of Attachments																																																	
36. 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.																																																	
SIGNED <u>Julian C. Pope</u> Julian C. Pope															TITLE <u>Administrative Coordinator</u> DATE <u>November 1, 1979</u>																																		

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O.C.D. HOBBS, OFFICE