

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYCOPY TO U.S.G.S.
SUBMIT IN DUPLICATE(See or
structu
reverse ...)Form approved.
Budget Bureau No. 42-R355.5.

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 ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐
2. NAME OF OPERATOR						UNIT AGREEMENT NAME	
North American Royalties, Inc.						FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR						Nadine Federal	
200 Wilco Building, Midland, Texas 79701						9. WELL NO.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						FIELD AND POOL, OR WILDCAT	
At surface 660' FN & WL of Sec. 23, T19S, R38E						Nadine Drinkard	
At top prod. interval reported below						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	
At total depth						Sec. 23, T19S, R38E	
14. PERMIT NO.				DATE ISSUED			
				MAY 14 1980			
15. DATE SPUNDED				18. ELEVATIONS (DP, RKB, RT, GR, ETC.)*			
12/27/79				3602' (GR) 3613' (KB)			
16. DATE T.D. REACHED				19. ELEV. CASINGHEAD			
2/25/80				3602'			
17. DATE COMPL. (Ready to prod.)				20. TOTAL DEPTH, MD & TVD			
3/27/80				7950'			
21. PLUG, BACK T.D., MD & TVD				22. IF MULTIPLE COMPL., HOW MANY*			
7720'							
23. INTERVALS DRILLED BY				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*			
All				6750' - 7669' (Drinkard)			
25. WAS DIRECTIONAL SURVEY MADE				27. WAS WELL CORED			
Yes				No			
26. TYPE ELECTRIC AND OTHER LOGS RUN				29. CASING RECORD (Report all strings set in well)			
CN-FD, DLL							
29. CASING RECORD (Report all strings set in well)				30. TUBING RECORD			
Casing Size				Weight, LB./FT.			
16"				48			
7-5/8"				26.4			
4-1/2"				11.6			
Depth Set (MD)				Hole Size			
401'				17-1/2"			
4068'				11"			
7945'				6-3/4"			
Cementing Record				Amount Pulled			
800 sx-Class "C"							
2000 sx-low dense gel & 300 sx Class "C"							
590 sx-Class "C"							
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
7765'-7881' (.40"-10 shots)-plugged back				Depth Interval (MD)			
6750'-7669' (.40"-22 shots)-producing				Amount and Kind of Material Used			
				7765'-7881' 2000 gal. DS-30 (15% HCl)			
				7657'-7669' 2200 gal. DS-30 (15% HCl)			
				7256'-7580' 1000 gal. DS-30 (15% HCl)			
				6750'-6751' 500 gal. DS-30 (15% HCl)			
33. PRODUCTION				34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			
DATE FIRST PRODUCTION				TEST WITNESSED BY			
4/11/80				B. F. Yocham			
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)			
Pumping				Producing			
DATE OF TEST				HOURS TESTED			
4/29/80				24			
CHOKE SIZE				PROD'N. FOR TEST PERIOD			
-				22			
OIL—BBL.				GAS—MCF.			
22				31			
WATER—BBL.				OIL GRAVITY-API (CORR.)			
3				34.3°			
35. LIST OF ATTACHMENTS				36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
Complete set of electric logs.							
SIGNED Kenneth R. Scott				TITLE District Engineer			
DATE 5/8/80							

*(See Instructions and Spaces for Additional Data on Reverse Side)

ACCEPTED FOR RECORD
MAY 21 1980
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on Items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see Item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

OIL CONSERVATION DIV.

SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

DESCRIPTION, CONTENTS, ETC.

FORMATION	TOP	BOTTOM	38. GEOLOGIC MARKERS	MEAS. DEPTH	TRUE VERT. DEPTH
San Andres & Grayburg	4245'	4630'	Rustler	1622'	
	4800'	4910'	Yates	2804'	
	5135'	5250'	San Andres	4242'	
	5295'	5435'	Glorieta	5522'	
	5522'	5990'	Clearfork	5682'	
	6750'	7669'	Tubb	6596'	
	7912'	7918'	Drinkard	6746'	
			Devonian	7910'	

NO DSTS WERE TAKEN.

WELL NAME & NUMBER Naoline Federal #1

LOCATION Sec. 23, T-19-S, R-38 Lea County, New Mexico
 (Give Unit, Section, Township and Range)

DATE APR 23 1980

OPERATOR Wallen Production Co. P. O. Box 1960, Midland, Texas 79702

DRILLING CONTRACTOR Kenai Drilling of Texas, Inc., P. O. Box 6725, Odessa, Texas 79762

NAC Midland District

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/4 89</u>	<u>3/4 4,216</u>	<u> </u>	<u> </u>
<u>1/4 179</u>	<u>3/4 4,805</u>	<u> </u>	<u> </u>
<u>1/4 267</u>	<u>3/4 5,300</u>	<u> </u>	<u> </u>
<u>1/4 353</u>	<u>3/4 5,820</u>	<u> </u>	<u> </u>
<u>1/4 445</u>	<u>1/2 6,386</u>	<u> </u>	<u> </u>
<u>1/4 535</u>	<u>1 6,751</u>	<u> </u>	<u> </u>
<u>1/4 668</u>	<u>3/4 7,188</u>	<u> </u>	<u> </u>
<u>1/2 1,063</u>	<u>3/4 7,684</u>	<u> </u>	<u> </u>
<u>3/4 1,710</u>	<u>1 7,950</u>	<u> </u>	<u> </u>
<u>3/4 2,240</u>	<u> </u>	<u> </u>	<u> </u>
<u>1 2,728</u>	<u> </u>	<u> </u>	<u> </u>
<u>1 3,235</u>	<u> </u>	<u> </u>	<u> </u>
<u>1 3,766</u>	<u> </u>	<u> </u>	<u> </u>

Drilling Contractor Kenai Drilling of Texas, Inc.

By R. A. Smith
 R. A. Smith, Drilling Engineer

Subscribed and sworn to before me this 12th day of March, 19 80

Barbara J. LaGrone
 Notary Public Barbara J. LaGrone

My Commission Expires 8-22-81

 Ector County Texas