

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

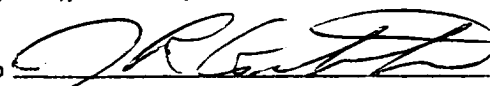
P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

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

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 _____						8. Farm or Lease Name HUDGENS	
2. Name of Operator NORTH AMERICAN ROYALTIES, INC.						9. Well No. 1	
3. Address of Operator 306 W. WALL-STE.1400-CLAYDESTA CENTER DOWNTOWN-MIDLAND, TX. 79701						10. Field and Pool, or Wildcat WILDCAT	
4. Location of Well							
UNIT LETTER J LOCATED 1980 FEET FROM THE SOUTH LINE AND 1980 FEET FROM EAST LINE OF SEC. 11 TWP. 16-S RGE. 36-E NMPM						12. County LEA	
15. Date Spudded 7/25/86	16. Date T.D. Reached 8/25/86	17. Date Compl. (Ready to Prod.) 9/17/86	18. Elevations (DF, RKB, RT, GR, etc.) 3883' GR/3904.50' KB	19. Elev. Casinghead 3881'			
20. Total Depth 12,000'	21. Plug Back T.D. 11,884'	22. If Multiple Compl., How Many -	23. Intervals Drilled By Rotary Tools	24. Producing Interval(s), of this completion - Top, Bottom, Name 11,573'-11,875' (ATOKA)		25. Was Directional Survey Made NO	
26. Type Electric and Other Logs Run SPECTRAL DENSITY DUAL SPACED NEUTRON & DUAL INDUCTION GUARD						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		
13-3/8"	48#	427.94' KB	17-1/2"	375 SX	NONE		
8-5/8"	24# & 32#	4,451.30' KB	11"	1675 SX	NONE		
5-1/2"	17# & 20#	11,993.93' KB	7-7/8"	1255 SX	NONE		
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
NONE					2-3/8"	11,517'	11,517'
31. Perforation Record (Interval, size and number) 11,792'-11,817' w/26 holes 1 shot per ft				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL				AMOUNT AND KIND MATERIAL USED			
11,792'-11,817'				26 HOLES-1 HOLE PER FOOT			
11,792'-11,817'				250 GAL. 7-1/2% MS ACID			
33. PRODUCTION							
Date First Production 9/17/86		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING				Well Status (Prod. or Shut-in) SI	
Date of Test 9/25/86	Hours Tested 8	Choke Size 18/64*	Prod'n. For Test Period 168	Oil - Bbl. 56	Gas - MCF 333	Water - Bbl. 0	Gas - Oil Ratio 4625:1
Flow Tubing Press. 1180	Casing Pressure PKR.	Calculated 24-Hour Rate 168	Oil - Bbl. 168	Gas - MCF 1000	Water - Bbl. 0	Oil Gravity - API (Corr.) 74.1	
34. Disposition of Gas (Sold, used for fuel, vented, etc.) VENTED						Test Witnessed By LLOYD W. WHITTINGTON	
35. List of Attachments *4 POINT TEST							
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 DISTRICT ENGINEER		DATE 10/2/86	

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 30 through 34 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

T. Anhy	2,070'	T. Canyon	11,210'	T. Ojo Alamo		T. Penn. "B"	
T. Salt		T. Strawn	11,398'	T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka	11,573'	T. Pictured Cliffs		T. Penn. "D"	
T. Yates	3,200'	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers	3,450'	T. Devonian		T. Menefee		T. Madison	
T. Queen	4,061'	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres	4,718'	T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta	6,387'	T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota			
T. Blinberry		T. Gr. Wash		T. Morrison			
T. Tubb	7,588'	T. Granite		T. Todilto			
T. Drinkard		T. Delaware Sand		T. Entrada			
T. Abo	8,355'	T. Bone Springs		T. Wingate			
T. Wolfcamp	9,750'	T.		T. Chinle			
T. Penn.		T.		T. Permian			
T. Cisco (Bough C)	10,970'	T.		T. Penn. "A"			

OIL OR GAS SANDS OR ZONES

No. 1, from	to	No. 4, from	to
No. 2, from	to	No. 5, from	to
No. 3, from	to	No. 6, 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
No. 4, from	to	feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
2070	3200	1130	ANHYDRITE				
3200	3450	250	YATES				
3450	4061	611	SEVEN RIVERS				
4061	4718	657	QUEEN				
4718	6387	1669	SAN ANDRES				
6387	7588	1201	GLORIETTA				
7588	8355	767	TUBB				
8355	9750	1395	ABO				
9750	10970	1220	WOLFCAMP				
10970	11210	240	CISCO				
11210	11398	188	CANYON				
11398	11573	175	STRAWN				
11573	12000	427	ATOKA				

OCT 6 1986
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N.D.B. OFFICE