

Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies

District
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

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87504

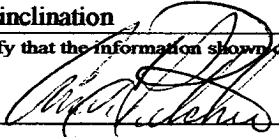
Form C-105
Revised March 25, 1999

WELL API NO. 30 015 33285
5. Indicate Type of Lease STATE ☒ FEE ☐
State Oil & Gas Lease No.
7 Lease Name or Agreement Name RECEIVED Artesia Unit
8. Well No. 101
9. Pool name or Wildcat Artesia, Queen-Grayburg-San Andres (03230)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____			7 Lease Name or Agreement Name		
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR ☐ OTHER _____			8. Well No. 101		
2. Name of Operator Melrose Operating Company (432) 684-6381			9. Pool name or Wildcat Artesia, Queen-Grayburg-San Andres (03230)		
3. Address of Operator c/o P.O. Box 953, Midland, TX 79702			9. Pool name or Wildcat Artesia, Queen-Grayburg-San Andres (03230)		
4. Well Location Unit Letter M 481' Feet From The South Line and 994' Feet From The West Line Section 35 Township 17S Range 28E NMPM Eddy County _____					
10. Date Spudded 3-29-04	11. Date T.D. Reached 4-5-04	12. Date Compl. (Ready to Prod) 5-20-04	13. Elevations (DF& RKB, RT, GR, etc.) 3668' GR	14. Elev. Casinghead	
15. Total Depth 3156'	16. Plug Back T.D. 3146'	17. If Multiple Compl. How Many Zones? N/A	18. Intervals Drilled By X	Rotary Tools	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 1892 - 2950'				20. Was Directional, Survey Made no	
21. Type Electric and Other Logs Run GR/CCL/CBL/Dual Laterlog				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		
8 5/8"	24#	453'	12 1/4"	400 SX	circulated to surface		
5 1/2"	17#	3146'	7 7/8"	700 SX	circulated to surface		
24. LINER RECORD			25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	2950'	
26. Perforation record (interval, size, and number) 2 spf from 2940-50, 2910-14, 2446-54, 2432-2438, 2418-2428, 2358-64, 2330-34, 2294-2300, 2182-88, 2174-78, 2028-36, 1892-1900'.				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 1892' - 2438' AMOUNT AND KIND MATERIAL USED 10 bbls acid 160,000# 16/30 sand w/64,000 gals frac			

28. PRODUCTION							
Date First Production 5-21-04		pumping			Well Status (Prod. or Shut-in))		
Date of Test 5-21-04	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 15	Gas - MCF 20	Water - Bbl. 190	Gas - Oil Ratio 1333
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
29. Disposition of Gas (Sold used for fuel, vented, etc.), Sales						Test Witnessed By	

30. List Attachments C-104, logs, inclination			
I hereby certify that the information shown on both sides of this form are true and complete to the best of my knowledge and belief.			
Signature 	Printed Name Ann E. Ritchie	Title Regulatory Agent	Date 7-10-04

30 015 33285
7-10-04

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

T. Anhy	T. Canyon
T. Salt	T. Strawn
B. Salt	T. Atoka
T. Yates	T. Miss
T. 7 Rivers	T. Devonian
T. Queen	T. Silurian
T. Grayburg	T. Montoya
T. San Andres	T. Simpson
T. Glorieta	T. McKee
T. Paddock	T. Ellenburger
T. Blinebry	T. Gr. Wash
T. Tubb	T. Delaware Sand
T. Drinkard	T. Bone Springs
T. Abo	T.
T. Wolfcamp	T.
T. Penn	T.
T. Cisco (Bough C)	T.

Northwestern New Mexico

T. Ojo Alamo	T. Penn. "B"
T. Kirtland-Fruitland	T. Penn. "C"
T. Pictured Cliffs	T. Penn. "D"
T. Cliff House	T. Leadville
T. Menefee	T. Madison
T. Point Lookout	T. Elbert
T. Mancos	T. McCracken
T. Gallup	T. Ignacio Otzte
Base Greenhorn	T. Granite
T. Dakota	T.
T. Morrison	T.
T. Todilto	T.
T. Entrada	T.
T. Wingate	T.
T. Chinle	T.
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

Melrose Operating Co.
Artesia Unit # 101

(Amended)
INSTRUCTIONS

30 015 33285
7-23-04

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

T. Anhy _____
T. Salt _____
B. Salt _____
T. Yates 690'
T. 7 Rivers 950'
T. Queen 1360'
T. Grayburg 2166'
T. San Andres 2412'
T. Glorieta _____
T. Paddock _____
T. Blinebry _____
T. Tubb _____
T. Drinkard _____
T. Abo _____
T. Wolfcamp _____
T. Penn _____
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn _____
T. Atoka _____
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Delaware Sand _____
T. Bone Springs _____
T. _____
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todilto _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn "A" _____

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Otzte _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

**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
			Amended

From	To	Thickness In Feet	Lithology

RECEIVED
JUL 28 2004
OCD-ARTESIA

WELL NAME AND NUMBER Artesia Unit No. 101

LOCATION 481' FSL & 994' FWL, Section 35, T17S, R28E, Eddy County NM

OPERATOR Melrose Operating Company

DRILLING CONTRACTOR United Drilling, Inc.

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

Degrees @ Depth

1/2° 505'

1° 1002'

1° 1507'

1-1/2° 2018'

1° 2527'

1-1/2° 3000'

Degrees @ Depth

Degrees @ Depth

RECEIVED

JUL 20 2004

OB-ARTESIA

Drilling Contractor United Drilling, Inc.

By: George A. Aho

George A. Aho

Title: Business Manager

Subscribed and sworn to before me this 5th day of April,
2004.

Carlene Martin

Notary Public

My Commission Expires: 10-04-04

Chaves New Mexico
County State