

Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505

Fonn C-105
Revised June 10, 2003

WELL API NO.

30 025 36971

5. Indicate Type of Lease

STATE ☐ FEE X

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER

b. Type of Completion:

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

2. Name of Operator

Melrose Operating Co.

3. Address of Operator

c/o Box 953, Midland, TX 79702

4. Well Location

Unit Letter N 1310' Feet From The South Line and 1650' Feet From 'Me West Line

Section 14 Township 22S Range 35E NMPM Lea county

10. Date Spudded 11. Date T.D. Reached 12. Date Compl. (Ready to Prod.) 13. Elevations (DF& RKB, RT, GR, etc~) 14. Elev. Casinghead
12-18-04 12-29-04 1-15-05 3599'

15. Total Depth 16. Plug Back T.D. 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools Cable Tools
4160' 4150' X

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

3882-4000' Yates

20. Was Directional Survey Made

NO

21. Type Electric and Other Logs Run

GR/CBL/CCL

21 Was Well Cored

NO

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	A-MOUNT PULLED
8 5/8"	24#	420'	12 1/4"	325 sx PP	none
5 1/2"	15.5#	4150'	7 7/8"	840 sx	none

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKERSET
2 3/8"	3850'	

26. Perforation record (interval, size, and number)

Perforated w/2spf @ 3882-84; 86-88; 92-96; 3912-16; 26-32; 34-38; 42-48' 50-54; 88-04; 96-4000'.

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

3882-4000'

4000 gals 15% NEFE

2100 bbls frac.w/170,400# 16/30 sand

28. PRODUCTION

Date First Production

1-15-05

Production Method (Flowing, gas lift pumping - Size and type pump)

pumping

Well Status (Prod. or Shut-in)

producing

Date of Test	Hours Tested	FC, hole Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
1-20-05	24	---		240	20	230	83

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
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29. Disposition of Gas (gold, used for fuel, vented, etc.)

Test Witnessed By

30. List Attachments

C-104, inclination & log

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

Printed Name

Ann E. Ritchie

Title

Regulatory Agent

Date

1-26-05

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

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. _____
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.
F.
T.
F.
T.
T.
T.
T.
T.

No. 1, from.....to.....
No. 2, from.....to.....

No. 3, from.....to.....
No. 4, from.....to.....

• 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.....

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology