

State of New Mexico
Energy, Minerals and Natural ResourcesOIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

30-039-27563

RIO ARRIBA

Form C-105

Revised March 25, 1999

WELL API NO.

~~30-045-31317~~

5. Indicate Type of Lease

STATE ☒ FEE ☐

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 PLUG DIFF.
WELL ☒ OVER ☐ DEEPEN ☐ BACK ☐ RESVR. ☐ OTHER _____

2. Name of Operator

MERRION OIL & GAS CORPORATION (014634)

3. Address of Operator

610 REILLY AVENUE, FARMINGTON, NM 87401

8. Well No.

001

9. Pool name or Wildcat

BASIN FRUITLAND (71629)

4. Well Location

Unit Letter K : 2275 Feet From The South Line and 1950 Feet From The West LineSection 32 Township 30N Range 07W NMPM San Juan County

10. Date Spudded

2/20/03

11. Date T.D. Reached

2/23/03

12. Date Compl. (Ready to Prod.)

4/03/03

13. Elevations (DF& RKB, RT, GR, etc.)

6200'

14. Elev. Casinghead

15. Total Depth

3201'

16. Plug Back T.D.

3155'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

0-TD

Cable Tools

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

Basin Fruitland: 2966'-3011'; 2922'-2938'; 2890'-2904'

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

DEN/GR/CCL

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"	26.4#	244' KB	12-1/4"	160 sxs	
5-1/2"	17#	3200'	7-7/8"	510 sxs	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
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25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	2952' KB	----

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

Basin Fruitland Coal: 2890'-2904' & 2922'-2938' (3 spf - total 90 holes); and 2966'-3011' (3 spf - total 135 holes)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2890'-3011'	Frac'd with approx. 225,000# of 20/40
	Brady sand in 20# x-link gel in 70Q foam.
	Total fluid pumped: 611 bbls and

28. PRODUCTION

Total Nitrogen: 1,286,316 scf

Date First Production

4/03/03

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

FLOWING

Well Status (Prod. or Shut-in)

Producing

Date of Test

4/04/03

Hours Tested

19

Choke Size

Prod'n For Test Period

Oil - Bbl

0

Gas - MCF

151

Water - Bbl.

1.5

Gas - Oil Ratio

Flow Tubing Press.

55 psig

Casing Pressure

110 psig

Calculated 24-Hour Rate

Oil - Bbl.

0

Gas - MCF

190

Water - Bbl.

2

Oil Gravity - API - (Corr.)

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

SOLD

Test Witnessed By

FRANK HANCOCK

30. List Attachments

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 Steven S. Dunn

Title Drlg & Prod Mgr

Date 4/07/03

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 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	1963'	T. Penn. "B"
T. Kirtland-Fruitland	2170' / 2800'	T. Penn. "C"
T. Pictured Cliffs	3047'	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. 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

From	To	Thickness In Feet	Lithology