

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-105  
Revised 1-1-89

**DISTRICT I**  
P.O. Box 1980, Hobbs, NM 88240

**OIL CONSERVATION DIVISION**

**DISTRICT II**  
P.O. Drawer DD, Artesia, NM 88210

2040 Pacheco St.  
Santa Fe, NM 87505

**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.

30-015-22417

5. Indicate Type Of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Washington 33 State

8. Well No.

29

9. Pool name or Wildcat

Artesia Queen Grbg San Andres

**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 ☐

DEEPEN ☐

PLUG  
BACK ☒

DIFF  
RESVR ☐

OTHER ☐

2. Name of Operator

ARCO Permian

3. Address of Operator

P.O. Box 1089 Eunice, NM 88231

4. Well Location

Unit Letter P : 1050 Feet From The S Line and 250 Feet From The E Line

Section 33

Township 17S

Range 28E

NMPM

Eddy

County

10. Date Spudded

11. Date T.D. Reached

12. Date Compl.(Ready to Prod.)

09/13/98

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

3662' GL

14. Elev. Casinghead

15. Total Depth

6378

16. Plug Back T.D.

6101

17. If Multiple Compl. How  
Many Zones?

18. Intervals  
Drilled By

Rotary Tools

Cable Tools

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

2458-3020' San Andres

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

Cmt Bond Log GR/CCL. CPNL

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	600		surf	
5-1/2	15.5	6378		surf	

**24. LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

**25. TUBING RECORD**

SIZE	DEPTH SET	PACKER SET
2-7/8	2503	

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

2458-3020', 1 SPI, 43 holes

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

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

2458-3020'

See Attached Detail

**28. PRODUCTION**

Date First Production 09/16/98 Production Method (Flowing, gas lift, pumping - Size and type pump) pumping Well Status (Prod. or Shut-in) producing

Date of Test 09/19/98 Hours Tested 24 Choke Size 29 Oil - Bbl. 53 Gas - MCF 3 Water - Bbl. 1828 Gas - Oil Ratio

Flow Tubing Press. 70 Casing Pressure 70 Calculated 24-Hour Rate Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.)

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

sold

Test Witnessed By

30. List Attachments

Cmt Bond Log GR/CCL. CPNL

31. 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

Signature Kellie D. Murrish Printed Name

Kellie D. Murrish Title Admin. Asst. Date 09/24/98

# 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

### Northeastern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atolca _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	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