

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**

2040 Pacheco St.  
Santa Fe, NM 87505

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

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

WELL API NO.  
015-30187

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.

9. Pool name or Wildcat  
ARTESIA QUEEN GRBG SA

**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 1610 Midland, TX 79702

4. Well Location  
Unit Letter A : 990 Feet From The NORTH Line and 930 Feet From The EAST Line

Section 33 Township 17S Range 28E NMPM EDDY County

10. Date Spudded 10/21/98 11. Date T.D. Reached 10/29/98 12. Date Compl.(Ready to Prod.) 11/2/98 13. Elevation (DF & RKB, RT, GR, etc.) 3677' 14. Elev. Casinghead

15. Total Depth 4150 16. Plug Back T.D. 4109 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 2506-2848 20. Was Directional Survey Made NO

21. Type Electric and Other Logs Run CPNL-PLATFORM EXPRESS 22. Was Well Cored NO

**CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	32	425	12-1/4	CL C-275 SX	
5-1/2	15.5	4150	7-7/8	910 SX	

LINER RECORD				TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	2524	

26. Perforation record (interval, size, and number)  
2506-2848 / 26 HOLES

27. ACID, SHOT, FRACTURE, CEMENT, SOEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2506-2848	2000 GAL 15%
	5000 GAL VIK I-25
	102000 #SD

**PRODUCTION**

28. Date First Production 11/6/98 Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING Well Status (Prod. or Shut-in) PRODUCING

Date of Test 11/10/98 Hours Tested 24 Choke Size Prod'n For Test Period 1 Oil - Bbl. 60 Gas - MCF 362 Water - Bbl. 60000 Gas - Oil Ratio

Flow Tubing Press. 60 Casing Pressure 60 Calculated 24-Hour Rate Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.) 33.8

29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD Test Witnessed By

30. List Attachments

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 Elizabeth A. Casbeer Printed Name ELIZABETH A. CASBEER Title REG./COMP. Date 11/16/98

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of 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 tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. This form shall 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 STAT

## 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. Atoka	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 1268	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg 1697	T. Montoya	T. Mancos	T. McCracken
T. San Andres 2013	T. Simpson	T. Gallup	T. Ignacio Otztz
T. Glorieta 3513	T. McKee	Base Greenhorn	T. Granite
T. Paddock YESC 3664	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. 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